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REGULATION DEPT. - 401

Upper Floridan Aquifer

Aquifer Performance Test Report

Volume 3 - Appendices

INDIANTOWN COGENERATION PROJECT

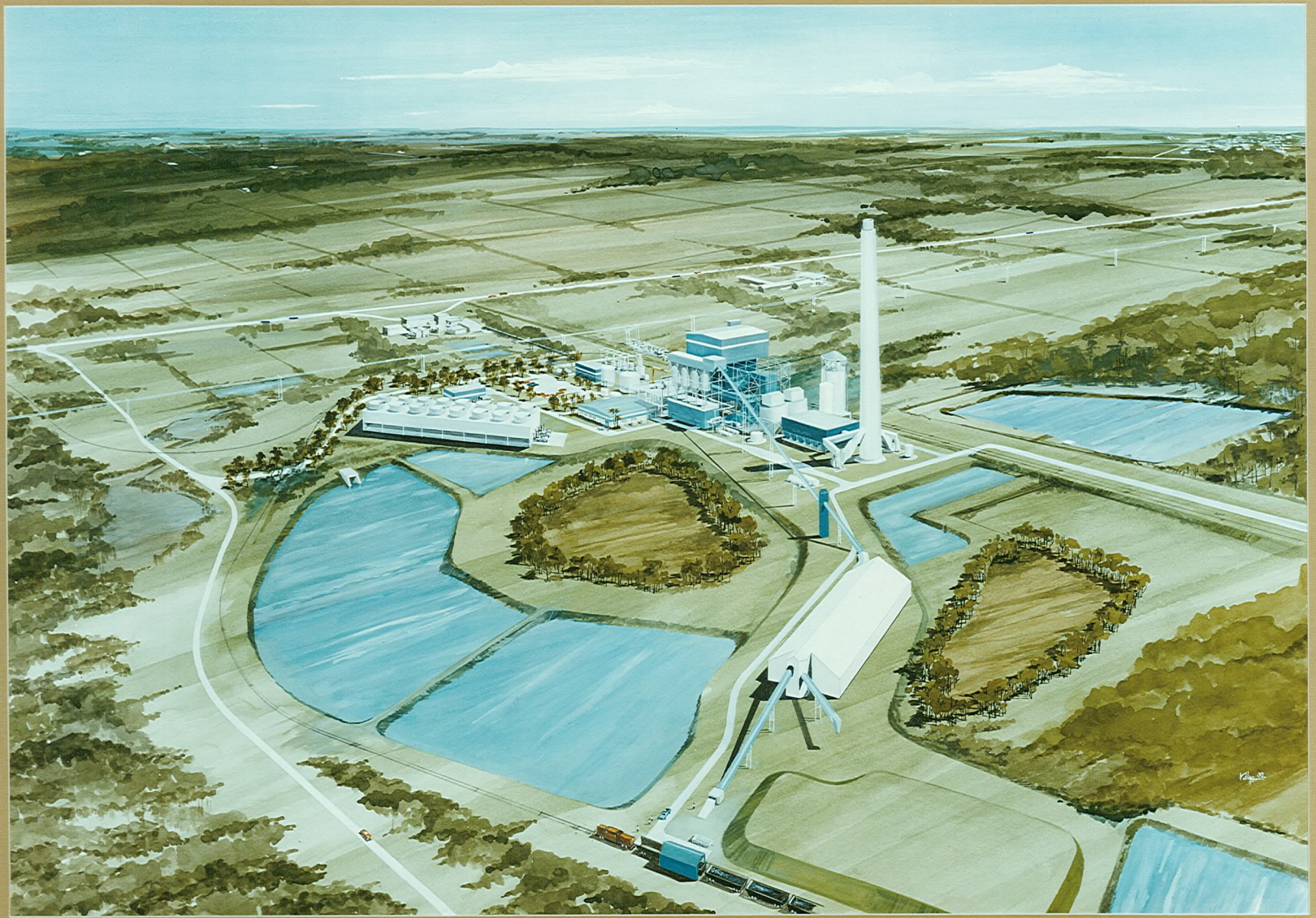
Prepared for

U.S. GENERATING COMPANY

March 1994



**Bechtel Power Corporation
Gaithersburg, Maryland**



INDIANTOWN COGENERATION PROJECT

UPPER FLORIDAN AQUIFER
AQUIFER PERFORMANCE TEST REPORT
VOLUME 3 - APPENDICES
INDIANTOWN COGENERATION PROJECT

Prepared for
U.S. GENERATING COMPANY
March 1994



Bechtel Power Corporation
Gaithersburg, Maryland

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AQUIFER PERFORMANCE TEST MEASUREMENTS
UPPER PRODUCTION ZONE

Flow Discharge Measurements from Pumping Well

Flow Meter Readings
Upper Production Zone APT
ICW-2

Date	Time	Flow Meter Reading		Flow Rate (from totalizer) (gallons per minute)
		From Dial Gauge (gallons per minute)	From Totalizer (gallons)	
10/27/93	09:00:00		137150	
10/27/93	09:00:10	1400		
10/27/93	09:00:30	1300		
10/27/93	09:00:38	1200		
10/27/93	09:01:00	1200		
10/27/93	09:01:30	1200	139000	1233
10/27/93	09:02:00		139500	
10/27/93	09:02:30	1200	140500	1500
10/27/93	09:03:00	1200	140800	600
10/27/93	09:03:30	1200	141400	1200
10/27/93	09:04:00	1200	141800	800
10/27/93	09:04:30	1200	142500	1400
10/27/93	09:05:00	1200	143100	1200
10/27/93	09:06:00	1200	143800	700
10/27/93	09:06:30	1200	145000	2400
10/27/93	09:07:00	1200	145500	1000
10/27/93	09:07:30	1200	145600	200
10/27/93	09:08:00	1200	146700	2200
10/27/93	09:08:30	1200	147300	1200
10/27/93	09:09:00	1200	147900	1200
10/27/93	09:10:00	1200	149100	1200
10/27/93	09:11:30	1200	151900	1867
10/27/93	09:20:00	1200	162400	1235
10/27/93	09:22:00	1200	163400	500
10/27/93	09:23:00	1200	164600	1200
10/27/93	09:24:00	1200	165800	1200
10/27/93	09:25:00	1200	167000	1200
10/27/93	09:27:00	1200	168200	600
10/27/93	09:28:00	1200	170600	2400
10/27/93	09:29:00	1200	171800	1200
10/27/93	09:30:00	1200	173000	1200
10/27/93	09:35:00	1200	179000	1200
10/27/93	09:40:00	1200	185000	1200
10/27/93	09:50:00	1200	197000	1200
10/27/93	10:00:00	1200	209000	1200
10/27/93	10:10:00	1200	221000	1200
10/27/93	10:30:00	1200	245000	1200
10/27/93	10:35:00	1200	251000	1200
10/27/93	10:40:00	1200	256800	1160
10/27/93	10:45:00	1200	262700	1180
10/27/93	10:48:00	1200		
10/27/93	10:50:00	1200		
10/27/93	10:53:00	1200		
10/27/93	10:55:00	1200	274700	1200
10/27/93	11:00:00	1200	280700	1200
10/27/93	11:30:00	1200	316600	1197
10/27/93	11:45:00	1200	334600	1200
10/27/93	12:00:00	1200	355200	1373
10/27/93	12:30:00	1200	388500	1110
10/27/93	13:00:00	1200	425500	1233
10/27/93	13:30:00	1200	460400	1163
10/27/93	14:00:00	1200	496000	1187
10/27/93	14:30:00	1200	533400	1247
10/27/93	15:00:00	1200	566400	1100
10/27/93	15:28:00	1200	603000	1307
10/27/93	16:00:00	1200	639500	1141
10/27/93	16:33:00	1200	680000	1227
10/27/93	17:00:00	1200	713100	1226
10/27/93	17:30:00	1200	750500	1247

Flow Meter Readings
Upper Production Zone APT
ICW-2

Date	Time	Flow Meter Reading		Flow Rate (from totalizer) (gallons per minute)
		From Dial Gauge (gallons per minute)	From Totalizer (gallons)	
10/27/93	18:00:00	1200	785200	1157
10/27/93	18:30:00	1200	822000	1227
10/27/93	19:00:00	1200	852200	1007
10/27/93	19:30:00	1200	891200	1300
10/27/93	20:00:00	1200	930700	1317
10/27/93	20:30:00	1200	965300	1153
10/27/93	21:00:00	1200	1001100	1193
10/27/93	21:30:00	1200	1036200	1170
10/27/93	22:00:00	1200	1068700	1083
10/27/93	22:30:00	1200	1109100	1347
10/27/93	23:00:00	1200	1147100	1267
10/27/93	23:30:00	1200	1180000	1097
10/28/93	00:00:00	1200	1214600	1153
10/28/93	00:30:00	1200	1252100	1250
10/28/93	01:00:00	1200	1285100	1100
10/28/93	01:30:00	1200	1332200	1239
10/28/93	02:00:00	1200	1357300	1141
10/28/93	02:31:00	1200	1395100	1219
10/28/93	03:02:00	1200	1432800	1216
10/28/93	03:30:00	1200	1466800	1214
10/28/93	04:00:00	1200	1504600	1260
10/28/93	04:30:00	1200	1537600	1100
10/28/93	05:00:00	1200	1575300	1257
10/28/93	05:30:00	1200	1608700	1113
10/28/93	06:00:00	1190	1642800	1137
10/28/93	06:29:00	1200	1677800	1207
10/28/93	07:00:00	1200	1716000	1232
10/28/93	07:30:00	1200	1750000	1133
10/28/93	08:08:00	1200	1797600	1253
10/28/93	08:30:00	1200	1823500	1177
10/28/93	09:00:00	1200	1858500	1167
10/28/93	09:30:00	1200	1900600	1403
10/28/93	10:00:00	1200	1930500	997
10/28/93	10:30:00	1200	1966400	1197
10/28/93	11:00:00	1200	2002000	1187
10/28/93	11:30:00	1200	2036300	1143
10/28/93	12:00:00	1200	2072400	1203
10/28/93	12:30:00	1200	2108000	1187
10/28/93	13:00:00	1200	2141600	1120
10/28/93	13:30:00	1200	2180000	1280
10/28/93	14:00:00	1200	2214250	1142
Average Flow (from Totalizer)				1194 gpm

Water Level Measurements

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/25/93	12:15	46.06	
10/25/93	12:30	46.05	
10/25/93	12:45	46.05	
10/25/93	13:00	46.06	
10/25/93	13:15	46.06	
10/25/93	13:30	46.06	
10/25/93	13:45	46.06	
10/25/93	14:00	46.05	
10/25/93	14:15	46.05	
10/25/93	14:30	46.04	
10/25/93	14:45	46.03	
10/25/93	15:00	46.04	
10/25/93	15:15	46.04	
10/25/93	15:45	46.09	
10/25/93	16:00	46.12	
10/25/93	16:15	46.11	
10/25/93	16:30	46.11	
10/25/93	16:45	46.11	
10/25/93	17:00	46.10	
10/25/93	17:15	46.10	
10/25/93	17:30	46.10	
10/25/93	17:45	46.11	
10/25/93	18:00	46.12	
10/25/93	18:15	46.13	
10/25/93	18:30	46.14	
10/25/93	18:45	46.15	
10/25/93	19:00	46.16	
10/25/93	19:15	46.17	
10/25/93	19:30	46.17	
10/25/93	19:45	46.18	
10/25/93	20:00	46.18	
10/25/93	20:15	46.18	
10/25/93	20:30	46.17	
10/25/93	20:45	46.17	
10/25/93	21:00	46.17	
10/25/93	21:15	46.17	
10/25/93	21:30	46.16	
10/25/93	21:45	46.17	
10/25/93	22:00	46.17	
10/25/93	22:15	46.17	
10/25/93	22:30	46.16	
10/25/93	22:45	46.16	
10/25/93	23:00	46.16	
10/25/93	23:15	46.17	
10/25/93	23:30	46.17	
10/25/93	23:45	46.17	
10/26/93	00:00	46.18	
10/26/93	00:15	46.18	
10/26/93	00:30	46.18	
10/26/93	00:45	46.19	
10/26/93	01:00	46.20	
10/26/93	01:15	46.21	
10/26/93	01:30	46.21	
10/26/93	01:45	46.22	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water--Level Elevation (feet)	Comments
10/26/93	02:00	46.23	
10/26/93	02:15	46.23	
10/26/93	02:30	46.24	
10/26/93	02:45	46.24	
10/26/93	03:00	46.25	
10/26/93	03:15	46.25	
10/26/93	03:30	46.26	
10/26/93	03:45	46.26	
10/26/93	04:00	46.26	
10/26/93	04:15	46.26	
10/26/93	04:30	46.26	
10/26/93	04:45	46.26	
10/26/93	05:00	46.26	
10/26/93	05:15	46.26	
10/26/93	05:30	46.26	
10/26/93	05:45	46.25	
10/26/93	06:00	46.25	
10/26/93	06:15	46.25	
10/26/93	06:30	46.24	
10/26/93	06:45	46.24	
10/26/93	07:00	46.23	
10/26/93	07:15	46.23	
10/26/93	07:30	46.23	
10/26/93	07:45	46.22	
10/26/93	08:00	46.21	
10/26/93	08:15	46.20	
10/26/93	08:30	46.19	
10/26/93	08:45	46.18	
10/26/93	09:00	46.17	
10/26/93	09:15	46.16	
10/26/93	09:30	46.15	
10/26/93	09:45	46.13	
10/26/93	10:00	46.12	
10/26/93	10:15	46.12	
10/26/93	10:30	46.12	
10/26/93	10:45	46.11	
10/26/93	11:00	46.11	
10/26/93	11:15	46.10	
10/26/93	11:30	46.10	
10/26/93	11:45	46.11	
10/26/93	12:00	46.07	
10/26/93	12:30	45.99	
10/26/93	12:45	46.00	
10/26/93	13:00	46.00	
10/26/93	13:15	46.01	
10/26/93	13:30	46.01	
10/26/93	13:45	46.02	
10/26/93	14:00	46.02	
10/26/93	16:20	46.08	
10/26/93	16:30	46.07	
10/26/93	16:40	46.07	
10/26/93	16:50	46.09	
10/26/93	17:00	46.10	
10/26/93	17:10	46.14	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/26/93	17:20	46.15	
10/26/93	17:30	46.16	
10/26/93	17:40	46.16	
10/26/93	17:50	46.15	
10/26/93	18:00	46.14	
10/26/93	18:10	46.13	
10/26/93	18:20	46.12	
10/26/93	18:30	46.11	
10/26/93	18:40	46.11	
10/26/93	18:50	46.11	
10/26/93	19:00	46.11	
10/26/93	19:10	46.11	
10/26/93	19:20	46.10	
10/26/93	19:30	46.10	
10/26/93	19:40	46.10	
10/26/93	19:50	46.10	
10/26/93	20:00	46.10	
10/26/93	20:10	46.09	
10/26/93	20:20	46.09	
10/26/93	20:30	46.08	
10/26/93	20:40	46.07	
10/26/93	20:50	46.06	
10/26/93	21:00	46.04	
10/26/93	21:10	46.06	
10/26/93	21:20	46.04	
10/26/93	21:30	46.04	
10/26/93	21:40	46.03	
10/26/93	21:50	46.03	
10/26/93	22:00	46.02	
10/26/93	22:10	46.02	
10/26/93	22:20	46.02	
10/26/93	22:30	46.02	
10/26/93	22:40	46.01	
10/26/93	22:50	46.02	
10/26/93	23:00	46.02	
10/26/93	23:10	46.02	
10/26/93	23:20	46.01	
10/26/93	23:30	46.01	
10/26/93	23:40	46.01	
10/27/93	00:00	46.01	
10/27/93	00:10	46.01	
10/27/93	00:20	46.01	
10/27/93	00:30	46.01	
10/27/93	00:40	46.02	
10/27/93	00:50	46.02	
10/27/93	01:00	46.02	
10/27/93	01:10	46.03	
10/27/93	01:20	46.04	
10/27/93	01:30	46.04	
10/27/93	01:40	46.04	
10/27/93	01:50	46.04	
10/27/93	02:00	46.04	
10/27/93	02:10	46.04	
10/27/93	02:20	46.04	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1

Date	Time	Water--Level Elevation (feet)	Comments
10/27/93	02:30	46.04	
10/27/93	02:40	46.04	
10/27/93	02:50	46.04	
10/27/93	03:00	46.05	
10/27/93	03:10	46.05	
10/27/93	03:20	46.05	
10/27/93	03:30	46.06	
10/27/93	03:40	46.06	
10/27/93	03:50	46.06	
10/27/93	04:00	46.06	
10/27/93	04:10	46.06	
10/27/93	04:20	46.07	
10/27/93	04:30	46.07	
10/27/93	04:40	46.07	
10/27/93	04:50	46.07	
10/27/93	05:00	46.07	
10/27/93	05:10	46.06	
10/27/93	05:20	46.06	
10/27/93	05:30	46.06	
10/27/93	05:40	46.06	
10/27/93	05:50	46.06	
10/27/93	06:00	46.06	
10/27/93	06:10	46.05	
10/27/93	06:20	46.05	
10/27/93	06:30	46.05	
10/27/93	06:40	46.04	
10/27/93	06:50	46.04	
10/27/93	07:00	46.02	
10/27/93	07:10	46.05	
10/27/93	07:20	46.01	
10/27/93	07:30	45.91	
10/27/93	07:40	45.91	
10/27/93	07:50	45.91	
10/27/93	08:00	45.90	
10/27/93	08:10	45.88	
10/27/93	08:20	45.87	
10/27/93	08:30	45.86	
10/27/93	08:40	45.85	
10/27/93	08:50	45.83	
10/27/93	09:00	45.83	Begin Pumping at ICW-2
10/27/93	09:10	45.81	
10/27/93	09:20	45.79	
10/27/93	09:30	45.78	
10/27/93	09:40	45.76	
10/27/93	09:50	45.76	
10/27/93	10:00	45.74	
10/27/93	10:10	45.74	
10/27/93	10:20	45.74	
10/27/93	10:30	45.74	
10/27/93	10:40	45.73	
10/27/93	10:50	45.73	
10/27/93	11:00	45.73	
10/27/93	11:10	45.71	
10/27/93	11:20	45.81	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/27/93	11:30	45.83	
10/27/93	11:40	45.83	
10/27/93	11:50	45.81	
10/27/93	12:00	45.81	
10/27/93	12:10	45.83	
10/27/93	12:20	45.83	
10/27/93	12:30	45.82	
10/27/93	12:40	45.83	
10/27/93	12:50	45.82	
10/27/93	13:00	45.85	
10/27/93	13:10	45.83	
10/27/93	13:20	45.86	
10/27/93	13:30	45.85	
10/27/93	13:40	45.84	
10/27/93	13:50	45.86	
10/27/93	14:00	45.86	
10/27/93	14:10	45.88	
10/27/93	14:20	45.87	
10/27/93	14:30	45.88	
10/27/93	14:40	45.89	
10/27/93	14:50	45.90	
10/27/93	15:00	45.90	
10/27/93	15:10	45.90	
10/27/93	15:20	45.92	
10/27/93	15:30	45.92	
10/27/93	15:40	45.90	
10/27/93	15:50	45.91	
10/27/93	16:00	45.91	
10/27/93	16:10	45.92	
10/27/93	16:20	45.92	
10/27/93	16:30	45.91	
10/27/93	16:40	45.92	
10/27/93	16:50	45.91	
10/27/93	17:00	45.91	
10/27/93	17:10	45.91	
10/27/93	17:20	45.91	
10/27/93	17:30	45.91	
10/27/93	17:40	45.91	
10/27/93	17:50	45.91	
10/27/93	18:00	45.90	
10/27/93	18:10	45.90	
10/27/93	18:20	45.90	
10/27/93	18:30	45.90	
10/27/93	18:40	45.90	
10/27/93	18:50	45.89	
10/27/93	19:00	45.88	
10/27/93	19:10	45.88	
10/27/93	19:20	45.87	
10/27/93	19:30	45.87	
10/27/93	19:40	45.86	
10/27/93	19:50	45.86	
10/27/93	20:00	45.85	
10/27/93	20:10	45.85	
10/27/93	20:20	45.84	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1

Date	Time	Water—Level Elevation (feet)	Comments
10/27/93	20:30	45.84	
10/27/93	20:40	45.83	
10/27/93	20:50	45.83	
10/27/93	21:00	45.83	
10/27/93	21:10	45.82	
10/27/93	21:20	45.82	
10/27/93	21:30	45.81	
10/27/93	21:40	45.81	
10/27/93	21:50	45.81	
10/27/93	22:00	45.81	
10/27/93	22:10	45.81	
10/27/93	22:20	45.80	
10/27/93	22:30	45.80	
10/27/93	22:40	45.79	
10/27/93	22:50	45.79	
10/27/93	23:00	45.79	
10/27/93	23:10	45.79	
10/27/93	23:20	45.79	
10/27/93	23:30	45.79	
10/27/93	23:40	45.79	
10/27/93	23:50	45.79	
10/28/93	00:00	45.79	
10/28/93	00:10	45.79	
10/28/93	00:20	45.80	
10/28/93	00:30	45.80	
10/28/93	00:40	45.80	
10/28/93	00:50	45.81	
10/28/93	01:00	45.81	
10/28/93	01:10	45.81	
10/28/93	01:20	45.81	
10/28/93	01:30	45.81	
10/28/93	01:40	45.82	
10/28/93	01:50	45.82	
10/28/93	02:00	45.83	
10/28/93	02:10	45.83	
10/28/93	02:20	45.83	
10/28/93	02:30	45.84	
10/28/93	02:40	45.85	
10/28/93	02:50	45.85	
10/28/93	03:00	45.85	
10/28/93	03:10	45.86	
10/28/93	03:20	45.86	
10/28/93	03:30	45.87	
10/28/93	03:40	45.87	
10/28/93	03:50	45.87	
10/28/93	04:00	45.87	
10/28/93	04:10	45.87	
10/28/93	04:20	45.87	
10/28/93	04:30	45.87	
10/28/93	04:40	45.87	
10/28/93	04:50	45.87	
10/28/93	05:00	45.87	
10/28/93	05:10	45.86	
10/28/93	05:20	45.86	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	05:30	45.86	
10/28/93	05:40	45.86	
10/28/93	05:50	45.86	
10/28/93	06:00	45.86	
10/28/93	06:10	45.86	
10/28/93	06:20	45.86	
10/28/93	06:30	45.86	
10/28/93	06:40	45.86	
10/28/93	06:50	45.85	
10/28/93	07:00	45.85	
10/28/93	07:10	45.85	
10/28/93	07:20	45.84	
10/28/93	07:30	45.83	
10/28/93	07:40	45.83	
10/28/93	07:50	45.83	
10/28/93	08:00	45.83	
10/28/93	08:10	45.82	
10/28/93	08:20	45.81	
10/28/93	08:30	45.81	
10/28/93	08:40	45.81	
10/28/93	08:50	45.79	
10/28/93	09:00	45.79	
10/28/93	09:10	45.79	
10/28/93	09:20	45.78	
10/28/93	09:30	45.78	
10/28/93	09:40	45.78	
10/28/93	09:50	45.78	
10/28/93	10:00	45.76	
10/28/93	10:10	45.77	
10/28/93	10:20	45.76	
10/28/93	10:30	45.76	
10/28/93	10:40	45.77	
10/28/93	10:50	45.76	
10/28/93	11:00	45.76	
10/28/93	11:10	45.77	
10/28/93	11:20	45.76	
10/28/93	11:30	45.77	
10/28/93	11:40	45.77	
10/28/93	11:50	45.77	
10/28/93	12:00	45.77	
10/28/93	12:10	45.78	
10/28/93	12:20	45.78	
10/28/93	12:30	45.78	
10/28/93	12:40	45.78	
10/28/93	12:50	45.79	
10/28/93	13:00	45.79	
10/28/93	13:10	45.79	
10/28/93	13:20	45.80	
10/28/93	13:30	45.81	
10/28/93	13:40	45.81	
10/28/93	13:50	45.82	
10/28/93	14:00	45.82	End Pumping
10/28/93	14:10	45.82	
10/28/93	14:20	45.84	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	14:30	45.84	
10/28/93	14:40	45.84	
10/28/93	14:50	45.86	
10/28/93	15:00	45.86	
10/28/93	15:10	45.86	
10/28/93	15:20	45.87	
10/28/93	15:30	45.87	
10/28/93	15:40	45.87	
10/28/93	15:50	45.86	
10/28/93	16:00	45.88	
10/28/93	16:10	45.89	
10/28/93	16:20	45.88	
10/28/93	16:30	45.88	
10/28/93	16:40	45.88	
10/28/93	16:50	45.90	
10/28/93	17:00	45.90	
10/28/93	17:10	45.89	
10/28/93	17:20	45.90	
10/28/93	17:30	45.89	
10/28/93	17:40	45.90	
10/28/93	17:50	45.89	
10/28/93	18:00	45.90	
10/28/93	18:10	45.90	
10/28/93	18:20	45.90	
10/28/93	18:30	45.90	
10/28/93	18:40	45.90	
10/28/93	18:50	45.89	
10/28/93	19:00	45.89	
10/28/93	19:10	45.88	
10/28/93	19:20	45.88	
10/28/93	19:30	45.88	
10/28/93	19:40	45.86	
10/28/93	19:50	45.86	
10/28/93	20:00	45.86	
10/28/93	20:10	45.85	
10/28/93	20:20	45.85	
10/28/93	20:30	45.84	
10/28/93	20:40	45.83	
10/28/93	20:50	45.83	
10/28/93	21:00	45.82	
10/28/93	21:10	45.82	
10/28/93	21:20	45.82	
10/28/93	21:30	45.81	
10/28/93	21:40	45.81	
10/28/93	21:50	45.81	
10/28/93	22:00	45.81	
10/28/93	22:10	45.80	
10/28/93	22:20	45.79	
10/28/93	22:30	45.79	
10/28/93	22:40	45.79	
10/28/93	22:50	45.79	
10/28/93	23:00	45.78	
10/28/93	23:10	45.78	
10/28/93	23:20	45.78	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	23:30	45.78	
10/28/93	23:40	45.78	
10/28/93	23:50	45.78	
10/29/93	00:00	45.78	
10/29/93	00:10	45.78	
10/29/93	00:20	45.78	
10/29/93	00:30	45.78	
10/29/93	00:40	45.78	
10/29/93	00:50	45.78	
10/29/93	01:00	45.78	
10/29/93	01:10	45.79	
10/29/93	01:20	45.79	
10/29/93	01:30	45.79	
10/29/93	01:40	45.79	
10/29/93	01:50	45.79	
10/29/93	02:00	45.79	
10/29/93	02:10	45.80	
10/29/93	02:20	45.80	
10/29/93	02:30	45.81	
10/29/93	02:40	45.81	
10/29/93	02:50	45.82	
10/29/93	03:00	45.82	
10/29/93	03:10	45.83	
10/29/93	03:20	45.83	
10/29/93	03:30	45.83	
10/29/93	03:40	45.83	
10/29/93	03:50	45.83	
10/29/93	04:00	45.83	
10/29/93	04:10	45.83	
10/29/93	04:20	45.84	
10/29/93	04:30	45.85	
10/29/93	04:40	45.85	
10/29/93	04:50	45.85	
10/29/93	05:00	45.85	
10/29/93	05:10	45.85	
10/29/93	05:20	45.85	
10/29/93	05:30	45.85	
10/29/93	05:40	45.85	
10/29/93	05:50	45.85	
10/29/93	06:00	45.85	
10/29/93	06:10	45.85	
10/29/93	06:20	45.85	
10/29/93	06:30	45.85	
10/29/93	06:40	45.85	
10/29/93	06:50	45.85	
10/29/93	07:00	45.84	
10/29/93	07:10	45.84	
10/29/93	07:20	45.83	
10/29/93	07:30	45.83	
10/29/93	07:40	45.82	
10/29/93	07:50	45.81	
10/29/93	08:00	45.81	
10/29/93	08:10	45.81	
10/29/93	08:20	45.80	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-1**

Date	Time	Water-Level Elevation (feet)	Comments
10/29/93	08:30	45.80	
10/29/93	08:40	45.79	
10/29/93	08:50	45.78	
10/29/93	09:00	45.78	
10/29/93	09:10	45.78	
10/29/93	09:20	45.77	
10/29/93	09:30	45.77	
10/29/93	09:40	45.76	
10/29/93	09:50	45.75	
10/29/93	10:00	45.75	
10/29/93	10:10	45.78	

Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-1

Date	Time	Water-Level Elevation (feet)	Comments
10/25/93	08:45	46.02	
10/25/93	12:03	16.02	
10/25/93	15:42	46.09	
10/25/93	16:00	46.09	
10/26/93	10:16	46.09	
10/26/93	11:49	49.97	
10/26/93	16:10	46.04	
10/26/93	18:09	46.04	
10/26/93	18:22	46.04	
10/26/93	18:32	46.02	
10/26/93	18:45	46.02	
10/27/93	07:00	45.94	
10/27/93	07:59	45.88	
10/27/93	09:01	45.87	Begin Pumping at ICW-2 @ 09:00:00
10/27/93	09:12	45.87	
10/27/93	09:23	45.87	
10/27/93	09:37	45.85	
10/27/93	09:55	45.84	
10/27/93	10:17	45.84	
10/27/93	10:32	45.83	
10/27/93	10:48	45.83	
10/27/93	11:14	45.82	
10/27/93	11:40	45.82	
10/27/93	11:55	45.83	
10/27/93	12:29	45.84	
10/27/93	12:48	45.84	
10/27/93	13:08	45.84	
10/27/93	13:38	45.87	
10/27/93	14:13	45.89	
10/27/93	15:03	45.9	
10/27/93	15:32	45.91	
10/27/93	16:04	45.91	
10/27/93	16:38	45.91	
10/27/93	17:05	45.91	
10/27/93	17:34	45.91	
10/27/93	18:05	45.91	
10/27/93	18:30	45.91	
10/27/93	19:02	45.88	
10/27/93	19:32	45.87	
10/27/93	20:02	45.85	
10/27/93	20:31	45.84	
10/27/93	21:03	45.82	
10/27/93	21:31	45.82	
10/27/93	22:00	45.8	
10/27/93	22:34	45.8	
10/27/93	23:05	45.79	
10/27/93	23:33	45.78	
10/28/93	00:03	45.77	
10/28/93	00:34	45.79	
10/28/93	01:04	45.79	
10/28/93	01:41	45.8	
10/28/93	02:02	45.81	
10/28/93	02:34	45.82	
10/28/93	03:06	45.84	

Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-1

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	03:29	45.86	
10/28/93	04:03	45.86	
10/28/93	04:32	45.87	
10/28/93	05:00	45.86	
10/28/93	05:33	45.86	
10/28/93	06:01	45.85	
10/28/93	06:31	45.85	
10/28/93	07:04	45.84	
10/28/93	07:33	45.82	
10/28/93	08:11	45.81	
10/28/93	08:34	45.8	
10/28/93	09:03	45.79	
10/28/93	09:34	45.79	
10/28/93	10:03	45.78	
10/28/93	10:34	45.78	
10/28/93	11:03	45.77	
10/28/93	11:33	45.78	
10/28/93	12:03	45.78	
10/28/93	12:33	45.78	
10/28/93	13:04	45.79	
10/28/93	13:22	45.81	
10/28/93	14:10	45.83	End Pumping @ 14:00:00
10/28/93	14:21	45.84	
10/28/93	14:31	45.84	
10/28/93	14:47	45.85	
10/28/93	15:02	45.85	
10/28/93	15:20	45.87	
10/28/93	15:35	45.87	
10/28/93	15:48	45.87	
10/28/93	16:15	45.87	
10/28/93	16:44	45.87	
10/28/93	17:20	45.88	
10/28/93	17:50	45.88	
10/28/93	18:35	45.88	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/25/93	14:35:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	14:40:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	14:45:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	14:50:00	51.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	14:55:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:00:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:05:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:10:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:15:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:20:00	51.28	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:25:00	51.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:30:00	51.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:35:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:40:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:45:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:50:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	15:55:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:00:00	51.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:05:00	51.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:10:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:20:00	33.07	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:25:00	36.92	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:30:00	34.10	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:35:00	32.82	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:40:00	32.50	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:45:00	32.38	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:50:00	32.13	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	16:55:00	32.03	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:00:00	31.94	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:05:00	31.85	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:10:00	31.85	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:15:00	31.72	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:20:00	31.85	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:25:00	31.82	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:30:00	47.12	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:35:00	49.71	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:40:00	50.31	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:45:00	50.59	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:50:00	50.78	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	17:55:00	50.90	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:00:00	51.00	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:05:00	51.06	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:10:00	51.12	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:15:00	51.18	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:20:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:25:00	51.12	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	18:45:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	19:00:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	19:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	19:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	19:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	20:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/25/93	20:15:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	20:30:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	20:45:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	21:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	21:15:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	21:30:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	21:45:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	22:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	22:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	22:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	22:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	23:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	23:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	23:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/25/93	23:45:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	00:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	00:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	00:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	00:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	01:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	01:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	01:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	01:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	02:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	02:15:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	02:30:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	02:45:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	03:00:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	03:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	03:30:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	03:45:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	04:00:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	04:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	04:30:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	04:45:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	05:00:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	05:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	05:30:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	05:45:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	06:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	06:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	06:30:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	06:45:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	07:00:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	07:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	07:30:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	07:45:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	08:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	08:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	08:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	08:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	09:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	09:15:00	51.43	Pre-Test	Pre-Recovery	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/26/93	09:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	09:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	10:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	10:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	10:30:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	10:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	11:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	11:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	11:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	11:45:00	51.34	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	12:00:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	12:15:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	12:30:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	12:30:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	12:45:00	51.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	13:00:00	51.40	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	14:30:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	14:45:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	15:00:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	15:15:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	15:30:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	15:45:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	16:00:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	16:15:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	16:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	16:50:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:00:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:10:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:20:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:30:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	17:50:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:00:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:10:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:01	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:01	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:02	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:02	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:03	32.00	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:04	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:04	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:05	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:06	32.06	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:06	32.09	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:12	32.00	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:19	32.03	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:25	32.03	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:31	32.03	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:37	31.97	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:43	31.97	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:49	31.94	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:28:56	31.94	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:29:02	31.90	Pre-Test	Pre-Recovery	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/26/93	18:30:03	31.81	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:31:05	31.78	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:32:07	31.65	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:33:09	31.53	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:34:10	31.47	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:35:12	31.37	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:36:14	31.34	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:37:15	31.22	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:38:17	31.15	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:48:34	48.52	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	18:58:51	50.64	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	19:09:09	51.02	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	19:19:26	51.14	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	19:29:43	51.23	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	19:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	19:50:17	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	20:00:34	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	20:10:51	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:00:00	51.23	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:10:00	51.38	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:20:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:30:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:40:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	21:50:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:00:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:10:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:20:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:30:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	22:50:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:00:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:10:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:20:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:30:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/26/93	23:50:00	51.23	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:00:00	51.23	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:10:00	51.23	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:20:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:30:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:40:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	00:50:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:00:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:10:00	51.26	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:20:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:30:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:40:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	01:50:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	02:00:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	02:10:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	02:20:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	02:30:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	02:40:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/27/93	02:50:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:00:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:10:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:20:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:30:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:40:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	03:50:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:00:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:10:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:20:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:30:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:40:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	04:50:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:00:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:10:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:20:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:30:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:40:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	05:50:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:00:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:10:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:20:00	51.32	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:30:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:40:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	06:50:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:00:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:10:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:20:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:30:00	51.29	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:40:00	51.20	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	07:50:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:00:00	51.24	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:10:00	51.21	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:20:00	51.18	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:30:00	51.18	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:40:00	51.18	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:55:00	51.15	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	08:59:00	51.15	Pre-Test	Pre-Recovery	Pre-Test	
10/27/93	09:00:00	53.46	0	Pre-Recovery	0	Begin Pumping at ICW-2
10/27/93	09:00:01	48.25	0.0167	Pre-Recovery	2.90	
10/27/93	09:00:02	40.82	0.0333	Pre-Recovery	10.33	
10/27/93	09:00:03	41.69	0.0500	Pre-Recovery	9.46	
10/27/93	09:00:04	38.13	0.0667	Pre-Recovery	13.02	
10/27/93	09:00:05	39.85	0.0833	Pre-Recovery	11.30	
10/27/93	09:00:06	41.75	0.1000	Pre-Recovery	9.40	
10/27/93	09:00:07	38.94	0.1167	Pre-Recovery	12.21	
10/27/93	09:00:08	38.63	0.1333	Pre-Recovery	12.52	
10/27/93	09:00:09	38.76	0.1500	Pre-Recovery	12.39	
10/27/93	09:00:10	37.91	0.1667	Pre-Recovery	13.24	
10/27/93	09:00:11	36.48	0.1833	Pre-Recovery	14.67	
10/27/93	09:00:12	36.32	0.2000	Pre-Recovery	14.83	
10/27/93	09:00:13	36.57	0.2167	Pre-Recovery	14.58	
10/27/93	09:00:14	37.19	0.2333	Pre-Recovery	13.96	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/27/93	09:00:15	37.44	0.2500	Pre-Recovery	13.71	
10/27/93	09:00:16	38.10	0.2667	Pre-Recovery	13.05	
10/27/93	09:00:17	38.07	0.2833	Pre-Recovery	13.08	
10/27/93	09:00:18	37.51	0.3000	Pre-Recovery	13.64	
10/27/93	09:00:19	37.19	0.3167	Pre-Recovery	13.96	
10/27/93	09:00:20	36.85	0.3333	Pre-Recovery	14.30	
10/27/93	09:00:21	36.88	0.3500	Pre-Recovery	14.27	
10/27/93	09:00:22	37.01	0.3667	Pre-Recovery	14.14	
10/27/93	09:00:23	37.13	0.3833	Pre-Recovery	14.02	
10/27/93	09:00:24	37.51	0.4000	Pre-Recovery	13.64	
10/27/93	09:00:25	37.29	0.4167	Pre-Recovery	13.86	
10/27/93	09:00:26	37.07	0.4333	Pre-Recovery	14.08	
10/27/93	09:00:27	36.73	0.4500	Pre-Recovery	14.42	
10/27/93	09:00:28	36.63	0.4667	Pre-Recovery	14.52	
10/27/93	09:00:29	36.54	0.4833	Pre-Recovery	14.61	
10/27/93	09:00:30	36.60	0.5000	Pre-Recovery	14.55	
10/27/93	09:00:31	36.88	0.5167	Pre-Recovery	14.27	
10/27/93	09:00:32	36.88	0.5333	Pre-Recovery	14.27	
10/27/93	09:00:33	37.01	0.5500	Pre-Recovery	14.14	
10/27/93	09:00:34	36.98	0.5667	Pre-Recovery	14.17	
10/27/93	09:00:35	37.07	0.5833	Pre-Recovery	14.08	
10/27/93	09:00:36	37.13	0.6000	Pre-Recovery	14.02	
10/27/93	09:00:37	37.19	0.6167	Pre-Recovery	13.96	
10/27/93	09:00:38	37.35	0.6333	Pre-Recovery	13.80	
10/27/93	09:00:39	37.48	0.6500	Pre-Recovery	13.67	
10/27/93	09:00:40	37.51	0.6667	Pre-Recovery	13.64	
10/27/93	09:00:41	37.48	0.6833	Pre-Recovery	13.67	
10/27/93	09:00:42	37.57	0.7000	Pre-Recovery	13.58	
10/27/93	09:00:43	37.57	0.7167	Pre-Recovery	13.58	
10/27/93	09:00:44	37.48	0.7333	Pre-Recovery	13.67	
10/27/93	09:00:45	37.41	0.7500	Pre-Recovery	13.74	
10/27/93	09:00:46	37.48	0.7667	Pre-Recovery	13.67	
10/27/93	09:00:47	37.41	0.7833	Pre-Recovery	13.74	
10/27/93	09:00:48	37.38	0.8000	Pre-Recovery	13.77	
10/27/93	09:00:49	37.44	0.8167	Pre-Recovery	13.71	
10/27/93	09:00:50	37.48	0.8333	Pre-Recovery	13.67	
10/27/93	09:00:51	37.38	0.8500	Pre-Recovery	13.77	
10/27/93	09:00:52	37.38	0.8667	Pre-Recovery	13.77	
10/27/93	09:00:53	37.44	0.8833	Pre-Recovery	13.71	
10/27/93	09:00:54	37.41	0.9000	Pre-Recovery	13.74	
10/27/93	09:00:55	37.38	0.9167	Pre-Recovery	13.77	
10/27/93	09:00:56	37.26	0.9333	Pre-Recovery	13.89	
10/27/93	09:00:57	37.26	0.9500	Pre-Recovery	13.89	
10/27/93	09:00:58	37.13	0.9667	Pre-Recovery	14.02	
10/27/93	09:00:59	37.13	0.9833	Pre-Recovery	14.02	
10/27/93	09:01:00	36.98	1.0000	Pre-Recovery	14.17	
10/27/93	09:01:10	36.88	1.1667	Pre-Recovery	14.27	
10/27/93	09:01:20	36.73	1.3333	Pre-Recovery	14.42	
10/27/93	09:01:30	36.54	1.5000	Pre-Recovery	14.61	
10/27/93	09:01:40	36.38	1.6667	Pre-Recovery	14.77	
10/27/93	09:01:50	36.32	1.8333	Pre-Recovery	14.83	
10/27/93	09:02:00	36.13	2.0000	Pre-Recovery	15.02	
10/27/93	09:02:10	36.04	2.1667	Pre-Recovery	15.11	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/27/93	09:02:20	35.91	2.3333	Pre-Recovery	15.24	
10/27/93	09:02:30	35.88	2.5000	Pre-Recovery	15.27	
10/27/93	09:02:40	35.79	2.6667	Pre-Recovery	15.36	
10/27/93	09:02:50	35.54	2.8333	Pre-Recovery	15.61	
10/27/93	09:03:00	35.35	3.0000	Pre-Recovery	15.80	
10/27/93	09:03:10	35.32	3.1667	Pre-Recovery	15.83	
10/27/93	09:03:20	35.29	3.3333	Pre-Recovery	15.86	
10/27/93	09:03:30	35.13	3.5000	Pre-Recovery	16.02	
10/27/93	09:03:40	35.07	3.6667	Pre-Recovery	16.08	
10/27/93	09:03:50	35.01	3.8333	Pre-Recovery	16.14	
10/27/93	09:04:00	34.88	4.0000	Pre-Recovery	16.27	
10/27/93	09:04:10	34.85	4.1667	Pre-Recovery	16.30	
10/27/93	09:04:20	34.85	4.3333	Pre-Recovery	16.30	
10/27/93	09:04:30	34.76	4.5000	Pre-Recovery	16.39	
10/27/93	09:04:40	34.70	4.6667	Pre-Recovery	16.45	
10/27/93	09:04:50	34.70	4.8333	Pre-Recovery	16.45	
10/27/93	09:05:00	34.54	5.0000	Pre-Recovery	16.61	
10/27/93	09:06:00	34.35	6.0000	Pre-Recovery	16.80	
10/27/93	09:07:00	34.26	7.0000	Pre-Recovery	16.89	
10/27/93	09:08:00	34.10	8.0000	Pre-Recovery	17.05	
10/27/93	09:09:00	34.04	9.0000	Pre-Recovery	17.11	
10/27/93	09:10:00	34.01	10.0000	Pre-Recovery	17.14	
10/27/93	09:11:00	33.82	11.0000	Pre-Recovery	17.33	
10/27/93	09:12:00	33.67	12.0000	Pre-Recovery	17.48	
10/27/93	09:13:00	33.60	13.0000	Pre-Recovery	17.55	
10/27/93	09:14:00	33.51	14.0000	Pre-Recovery	17.64	
10/27/93	09:15:00	33.45	15.0000	Pre-Recovery	17.70	
10/27/93	09:16:00	33.35	16.0000	Pre-Recovery	17.80	
10/27/93	09:17:00	33.42	17.0000	Pre-Recovery	17.73	
10/27/93	09:18:00	33.35	18.0000	Pre-Recovery	17.80	
10/27/93	09:19:00	33.32	19.0000	Pre-Recovery	17.83	
10/27/93	09:20:00	33.32	20.0000	Pre-Recovery	17.83	
10/27/93	09:21:00	33.23	21.0000	Pre-Recovery	17.92	
10/27/93	09:22:00	33.26	22.0000	Pre-Recovery	17.89	
10/27/93	09:23:00	33.17	23.0000	Pre-Recovery	17.98	
10/27/93	09:24:00	33.17	24.0000	Pre-Recovery	17.98	
10/27/93	09:25:00	33.17	25.0000	Pre-Recovery	17.98	
10/27/93	09:26:00	33.10	26.0000	Pre-Recovery	18.05	
10/27/93	09:27:00	32.85	27.0000	Pre-Recovery	18.30	
10/27/93	09:28:00	32.82	28.0000	Pre-Recovery	18.33	
10/27/93	09:29:00	32.82	29.0000	Pre-Recovery	18.33	
10/27/93	09:30:00	32.79	30.0000	Pre-Recovery	18.36	
10/27/93	09:31:00	32.70	31.0000	Pre-Recovery	18.45	
10/27/93	09:32:00	32.76	32.0000	Pre-Recovery	18.39	
10/27/93	09:33:00	32.70	33.0000	Pre-Recovery	18.45	
10/27/93	09:34:00	32.70	34.0000	Pre-Recovery	18.45	
10/27/93	09:35:00	32.67	35.0000	Pre-Recovery	18.48	
10/27/93	09:36:00	32.64	36.0000	Pre-Recovery	18.51	
10/27/93	09:37:00	32.60	37.0000	Pre-Recovery	18.55	
10/27/93	09:38:00	32.57	38.0000	Pre-Recovery	18.58	
10/27/93	09:39:00	32.51	39.0000	Pre-Recovery	18.64	
10/27/93	09:40:00	32.51	40.0000	Pre-Recovery	18.64	
10/27/93	09:41:00	32.51	41.0000	Pre-Recovery	18.64	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/27/93	09:42:00	32.48	42.0000	Pre-Recovery	18.67	
10/27/93	09:45:00	32.42	45.0000	Pre-Recovery	18.73	
10/27/93	09:50:00	32.42	50.0000	Pre-Recovery	18.73	
10/27/93	09:55:00	32.48	55.0000	Pre-Recovery	18.67	
10/27/93	10:00:00	32.42	60.0000	Pre-Recovery	18.73	
10/27/93	10:05:00	32.35	65.0000	Pre-Recovery	18.80	
10/27/93	10:10:00	32.32	70.0000	Pre-Recovery	18.83	
10/27/93	10:15:00	32.29	75.0000	Pre-Recovery	18.86	
10/27/93	10:20:00	32.26	80.0000	Pre-Recovery	18.89	
10/27/93	10:25:00	32.29	85.0000	Pre-Recovery	18.86	
10/27/93	10:30:00	32.26	90.0000	Pre-Recovery	18.89	
10/27/93	10:35:00	32.26	95.0000	Pre-Recovery	18.89	
10/27/93	10:40:00	32.26	100.0000	Pre-Recovery	18.89	
10/27/93	10:45:00	32.23	105.0000	Pre-Recovery	18.92	
10/27/93	10:50:00	32.10	110.0000	Pre-Recovery	19.05	
10/27/93	10:55:00	32.07	115.0000	Pre-Recovery	19.08	
10/27/93	11:00:00	32.01	120.0000	Pre-Recovery	19.14	
10/27/93	11:10:00	32.01	130.0000	Pre-Recovery	19.14	
10/27/93	11:20:00	32.01	140.0000	Pre-Recovery	19.14	
10/27/93	11:30:00	32.01	150.0000	Pre-Recovery	19.14	
10/27/93	11:40:00	31.98	160.0000	Pre-Recovery	19.17	
10/27/93	11:50:00	31.95	170.0000	Pre-Recovery	19.20	
10/27/93	12:00:00	32.01	180.0000	Pre-Recovery	19.14	
10/27/93	12:10:00	31.95	190.0000	Pre-Recovery	19.20	
10/27/93	12:20:00	31.89	200.0000	Pre-Recovery	19.26	
10/27/93	12:30:00	31.92	210.0000	Pre-Recovery	19.23	
10/27/93	12:40:00	31.95	220.0000	Pre-Recovery	19.20	
10/27/93	12:50:00	31.85	230.0000	Pre-Recovery	19.30	
10/27/93	13:00:00	31.95	240.0000	Pre-Recovery	19.20	
10/27/93	13:10:00	31.89	250.0000	Pre-Recovery	19.26	
10/27/93	13:20:00	31.82	260.0000	Pre-Recovery	19.33	
10/27/93	13:30:00	31.89	270.0000	Pre-Recovery	19.26	
10/27/93	13:40:00	31.85	280.0000	Pre-Recovery	19.30	
10/27/93	13:50:00	31.85	290.0000	Pre-Recovery	19.30	
10/27/93	14:00:00	31.92	300.0000	Pre-Recovery	19.23	
10/27/93	14:10:00	31.89	310.0000	Pre-Recovery	19.26	
10/27/93	14:20:00	31.85	320.0000	Pre-Recovery	19.30	
10/27/93	14:30:00	31.89	330.0000	Pre-Recovery	19.26	
10/27/93	14:40:00	31.89	340.0000	Pre-Recovery	19.26	
10/27/93	14:50:00	31.82	350.0000	Pre-Recovery	19.33	
10/27/93	15:00:00	31.92	360.0000	Pre-Recovery	19.23	
10/27/93	15:10:00	31.85	370.0000	Pre-Recovery	19.30	
10/27/93	15:20:00	31.82	380.0000	Pre-Recovery	19.33	
10/27/93	15:30:00	31.79	390.0000	Pre-Recovery	19.36	
10/27/93	15:40:00	31.79	400.0000	Pre-Recovery	19.36	
10/27/93	15:50:00	31.89	410.0000	Pre-Recovery	19.26	
10/27/93	16:00:00	31.79	420.0000	Pre-Recovery	19.36	
10/27/93	16:10:00	31.76	430.0000	Pre-Recovery	19.39	
10/27/93	16:20:00	31.76	440.0000	Pre-Recovery	19.39	
10/27/93	16:30:00	31.73	450.0000	Pre-Recovery	19.42	
10/27/93	16:40:00	31.76	460.0000	Pre-Recovery	19.39	
10/27/93	16:50:00	31.76	470.0000	Pre-Recovery	19.39	
10/27/93	17:00:00	31.73	480.0000	Pre-Recovery	19.42	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/27/93	17:10:00	31.76	490.0000	Pre-Recovery	19.39	
10/27/93	17:20:00	31.70	500.0000	Pre-Recovery	19.45	
10/27/93	17:30:00	31.73	510.0000	Pre-Recovery	19.42	
10/27/93	17:40:00	31.76	520.0000	Pre-Recovery	19.39	
10/27/93	17:50:00	31.67	530.0000	Pre-Recovery	19.48	
10/27/93	18:00:00	31.67	540.0000	Pre-Recovery	19.48	
10/27/93	18:10:00	31.64	550.0000	Pre-Recovery	19.51	
10/27/93	18:20:00	31.51	560.0000	Pre-Recovery	19.64	
10/27/93	18:30:00	31.64	570.0000	Pre-Recovery	19.51	
10/27/93	18:40:00	31.60	580.0000	Pre-Recovery	19.55	
10/27/93	18:50:00	31.54	590.0000	Pre-Recovery	19.61	
10/27/93	19:00:00	31.89	600.0000	Pre-Recovery	19.26	
10/27/93	19:10:00	31.98	610.0000	Pre-Recovery	19.17	
10/27/93	19:20:00	31.95	620.0000	Pre-Recovery	19.20	
10/27/93	19:30:00	31.95	630.0000	Pre-Recovery	19.20	
10/27/93	19:40:00	31.95	640.0000	Pre-Recovery	19.20	
10/27/93	19:50:00	31.92	650.0000	Pre-Recovery	19.23	
10/27/93	20:00:00	31.92	660.0000	Pre-Recovery	19.23	
10/27/93	20:10:00	32.01	670.0000	Pre-Recovery	19.14	
10/27/93	20:20:00	31.95	680.0000	Pre-Recovery	19.20	
10/27/93	20:30:00	31.98	690.0000	Pre-Recovery	19.17	
10/27/93	20:40:00	31.89	700.0000	Pre-Recovery	19.26	
10/27/93	20:50:00	31.98	710.0000	Pre-Recovery	19.17	
10/27/93	21:00:00	31.89	720.0000	Pre-Recovery	19.26	
10/27/93	21:10:00	31.95	730.0000	Pre-Recovery	19.20	
10/27/93	21:20:00	31.92	740.0000	Pre-Recovery	19.23	
10/27/93	21:30:00	31.89	750.0000	Pre-Recovery	19.26	
10/27/93	21:40:00	31.92	760.0000	Pre-Recovery	19.23	
10/27/93	21:50:00	31.89	770.0000	Pre-Recovery	19.26	
10/27/93	22:00:00	31.92	780.0000	Pre-Recovery	19.23	
10/27/93	22:10:00	31.92	790.0000	Pre-Recovery	19.23	
10/27/93	22:20:00	31.95	800.0000	Pre-Recovery	19.20	
10/27/93	22:30:00	31.89	810.0000	Pre-Recovery	19.26	
10/27/93	22:40:00	31.92	820.0000	Pre-Recovery	19.23	
10/27/93	22:50:00	31.95	830.0000	Pre-Recovery	19.20	
10/27/93	23:00:00	31.89	840.0000	Pre-Recovery	19.26	
10/27/93	23:10:00	31.92	850.0000	Pre-Recovery	19.23	
10/27/93	23:20:00	31.89	860.0000	Pre-Recovery	19.26	
10/27/93	23:30:00	31.92	870.0000	Pre-Recovery	19.23	
10/27/93	23:40:00	31.92	880.0000	Pre-Recovery	19.23	
10/27/93	23:50:00	31.92	890.0000	Pre-Recovery	19.23	
10/28/93	00:00:00	31.92	900.0000	Pre-Recovery	19.23	
10/28/93	00:10:00	31.95	910.0000	Pre-Recovery	19.20	
10/28/93	00:20:00	31.98	920.0000	Pre-Recovery	19.17	
10/28/93	00:30:00	31.98	930.0000	Pre-Recovery	19.17	
10/28/93	00:40:00	31.92	940.0000	Pre-Recovery	19.23	
10/28/93	00:50:00	31.95	950.0000	Pre-Recovery	19.20	
10/28/93	01:00:00	31.98	960.0000	Pre-Recovery	19.17	
10/28/93	01:10:00	31.95	970.0000	Pre-Recovery	19.20	
10/28/93	01:20:00	31.98	980.0000	Pre-Recovery	19.17	
10/28/93	01:30:00	31.92	990.0000	Pre-Recovery	19.23	
10/28/93	01:40:00	31.98	1000.0000	Pre-Recovery	19.17	
10/28/93	01:50:00	32.01	1010.0000	Pre-Recovery	19.14	

Stevens Recorder Ground Water Level Measurements
 Upper Production Zone APT
 ICW-2

Date	Time	Water Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/28/93	02:00:00	32.01	1020.0000	Pre-Recovery	19.14	
10/28/93	02:10:00	31.98	1030.0000	Pre-Recovery	19.17	
10/28/93	02:20:00	32.04	1040.0000	Pre-Recovery	19.11	
10/28/93	02:30:00	31.98	1050.0000	Pre-Recovery	19.17	
10/28/93	02:40:00	31.98	1060.0000	Pre-Recovery	19.17	
10/28/93	02:50:00	32.04	1070.0000	Pre-Recovery	19.11	
10/28/93	03:00:00	32.04	1080.0000	Pre-Recovery	19.11	
10/28/93	03:10:00	32.04	1090.0000	Pre-Recovery	19.11	
10/28/93	03:20:00	32.04	1100.0000	Pre-Recovery	19.11	
10/28/93	03:30:00	32.07	1110.0000	Pre-Recovery	19.08	
10/28/93	03:40:00	32.07	1120.0000	Pre-Recovery	19.08	
10/28/93	03:50:00	31.98	1130.0000	Pre-Recovery	19.17	
10/28/93	04:00:00	32.01	1140.0000	Pre-Recovery	19.14	
10/28/93	04:10:00	32.01	1150.0000	Pre-Recovery	19.14	
10/28/93	04:20:00	32.04	1160.0000	Pre-Recovery	19.11	
10/28/93	04:30:00	32.07	1170.0000	Pre-Recovery	19.08	
10/28/93	04:40:00	32.04	1180.0000	Pre-Recovery	19.11	
10/28/93	04:50:00	32.07	1190.0000	Pre-Recovery	19.08	
10/28/93	05:00:00	32.10	1200.0000	Pre-Recovery	19.05	
10/28/93	05:10:00	32.10	1210.0000	Pre-Recovery	19.05	
10/28/93	05:20:00	32.14	1220.0000	Pre-Recovery	19.01	
10/28/93	05:30:00	32.14	1230.0000	Pre-Recovery	19.01	
10/28/93	05:40:00	32.14	1240.0000	Pre-Recovery	19.01	
10/28/93	05:50:00	32.10	1250.0000	Pre-Recovery	19.05	
10/28/93	06:00:00	32.17	1260.0000	Pre-Recovery	18.98	
10/28/93	06:10:00	32.07	1270.0000	Pre-Recovery	19.08	
10/28/93	06:20:00	31.98	1280.0000	Pre-Recovery	19.17	
10/28/93	06:30:00	32.01	1290.0000	Pre-Recovery	19.14	
10/28/93	06:40:00	31.98	1300.0000	Pre-Recovery	19.17	
10/28/93	06:50:00	31.98	1310.0000	Pre-Recovery	19.17	
10/28/93	07:00:00	31.95	1320.0000	Pre-Recovery	19.20	
10/28/93	07:10:00	32.01	1330.0000	Pre-Recovery	19.14	
10/28/93	07:20:00	32.01	1340.0000	Pre-Recovery	19.14	
10/28/93	07:30:00	31.98	1350.0000	Pre-Recovery	19.17	
10/28/93	07:40:00	32.01	1360.0000	Pre-Recovery	19.14	
10/28/93	07:50:00	31.98	1370.0000	Pre-Recovery	19.17	
10/28/93	08:00:00	31.95	1380.0000	Pre-Recovery	19.20	
10/28/93	08:10:00	32.01	1390.0000	Pre-Recovery	19.14	
10/28/93	08:20:00	31.95	1400.0000	Pre-Recovery	19.20	
10/28/93	08:30:00	32.01	1410.0000	Pre-Recovery	19.14	
10/28/93	08:40:00	31.95	1420.0000	Pre-Recovery	19.20	
10/28/93	08:50:00	31.92	1430.0000	Pre-Recovery	19.23	
10/28/93	09:00:00	31.95	1440.0000	Pre-Recovery	19.20	
10/28/93	09:10:00	31.92	1450.0000	Pre-Recovery	19.23	
10/28/93	09:20:00	31.95	1460.0000	Pre-Recovery	19.20	
10/28/93	09:30:00	31.98	1470.0000	Pre-Recovery	19.17	
10/28/93	09:40:00	31.98	1480.0000	Pre-Recovery	19.17	
10/28/93	09:50:00	31.92	1490.0000	Pre-Recovery	19.23	
10/28/93	10:00:00	31.92	1500.0000	Pre-Recovery	19.23	
10/28/93	10:10:00	31.89	1510.0000	Pre-Recovery	19.26	
10/28/93	10:20:00	31.92	1520.0000	Pre-Recovery	19.23	
10/28/93	10:30:00	31.95	1530.0000	Pre-Recovery	19.20	
10/28/93	10:40:00	31.92	1540.0000	Pre-Recovery	19.23	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/28/93	10:50:00	31.89	1550.0000	Pre-Recovery	19.26	
10/28/93	11:00:00	32.04	1560.0000	Pre-Recovery	19.11	
10/28/93	11:10:00	32.01	1570.0000	Pre-Recovery	19.14	
10/28/93	11:20:00	31.95	1580.0000	Pre-Recovery	19.20	
10/28/93	11:30:00	31.92	1590.0000	Pre-Recovery	19.23	
10/28/93	11:40:00	31.98	1600.0000	Pre-Recovery	19.17	
10/28/93	11:50:00	31.98	1610.0000	Pre-Recovery	19.17	
10/28/93	12:00:00	31.98	1620.0000	Pre-Recovery	19.17	
10/28/93	12:10:00	31.95	1630.0000	Pre-Recovery	19.20	
10/28/93	12:20:00	31.92	1640.0000	Pre-Recovery	19.23	
10/28/93	12:30:00	31.95	1650.0000	Pre-Recovery	19.20	
10/28/93	12:40:00	31.98	1660.0000	Pre-Recovery	19.17	
10/28/93	12:50:00	31.98	1670.0000	Pre-Recovery	19.17	
10/28/93	13:00:00	31.95	1680.0000	Pre-Recovery	19.20	
10/28/93	13:10:00	32.01	1690.0000	Pre-Recovery	19.14	
10/28/93	13:20:00	32.07	1700.0000	Pre-Recovery	19.08	
10/28/93	13:30:00	31.95	1710.0000	Pre-Recovery	19.20	
10/28/93	13:40:00	32.01	1720.0000	Pre-Recovery	19.14	
10/28/93	13:50:00	32.04	1730.0000	Pre-Recovery	19.11	
10/28/93	14:00:01	31.95	1740.0100	0.01	19.20	End Pumping
10/28/93	14:00:01	32.01	1740.0200	0.02	19.14	
10/28/93	14:00:02	31.98	1740.0300	0.03	19.17	
10/28/93	14:00:02	32.01	1740.0400	0.04	19.14	
10/28/93	14:00:03	31.95	1740.0500	0.05	19.20	
10/28/93	14:00:04	32.01	1740.0600	0.06	19.14	
10/28/93	14:00:04	32.04	1740.0700	0.07	19.11	
10/28/93	14:00:05	32.79	1740.0800	0.08	18.36	
10/28/93	14:00:05	32.79	1740.0900	0.09	18.36	
10/28/93	14:00:06	35.38	1740.1000	0.10	15.77	
10/28/93	14:00:12	42.63	1740.2000	0.20	8.52	
10/28/93	14:00:18	43.60	1740.3000	0.30	7.55	
10/28/93	14:00:24	44.35	1740.4000	0.40	6.80	
10/28/93	14:00:30	45.41	1740.5000	0.50	5.74	
10/28/93	14:00:36	45.44	1740.6000	0.60	5.71	
10/28/93	14:00:42	45.85	1740.7000	0.70	5.30	
10/28/93	14:00:48	46.03	1740.8000	0.80	5.12	
10/28/93	14:00:54	46.16	1740.9000	0.90	4.99	
10/28/93	14:01:00	46.35	1741.0000	1.00	4.80	
10/28/93	14:02:00	47.66	1742.0000	2.00	3.49	
10/28/93	14:03:00	48.34	1743.0000	3.00	2.81	
10/28/93	14:04:00	48.75	1744.0000	4.00	2.40	
10/28/93	14:05:00	49.00	1745.0000	5.00	2.15	
10/28/93	14:06:00	49.16	1746.0000	6.00	1.99	
10/28/93	14:07:00	49.31	1747.0000	7.00	1.84	
10/28/93	14:08:00	49.44	1748.0000	8.00	1.71	
10/28/93	14:09:00	49.56	1749.0000	9.00	1.59	
10/28/93	14:10:00	49.66	1750.0000	10.00	1.49	
10/28/93	14:11:00	49.81	1751.0000	11.00	1.34	
10/28/93	14:12:00	49.87	1752.0000	12.00	1.28	
10/28/93	14:13:00	49.94	1753.0000	13.00	1.21	
10/28/93	14:14:00	50.06	1754.0000	14.00	1.09	
10/28/93	14:15:00	50.16	1755.0000	15.00	0.99	
10/28/93	14:16:00	50.22	1756.0000	16.00	0.93	

**Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2**

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/28/93	14:17:00	50.25	1757.0000	17.00	0.90	
10/28/93	14:18:00	50.28	1758.0000	18.00	0.87	
10/28/93	14:19:00	50.31	1759.0000	19.00	0.84	
10/28/93	14:20:00	50.31	1760.0000	20.00	0.84	
10/28/93	14:21:00	50.28	1761.0000	21.00	0.87	
10/28/93	14:22:00	50.28	1762.0000	22.00	0.87	
10/28/93	14:23:00	50.34	1763.0000	23.00	0.81	
10/28/93	14:24:00	50.41	1764.0000	24.00	0.74	
10/28/93	14:25:00	50.41	1765.0000	25.00	0.74	
10/28/93	14:26:00	50.41	1766.0000	26.00	0.74	
10/28/93	14:27:00	50.41	1767.0000	27.00	0.74	
10/28/93	14:28:00	50.44	1768.0000	28.00	0.71	
10/28/93	14:29:00	50.47	1769.0000	29.00	0.68	
10/28/93	14:30:00	50.50	1770.0000	30.00	0.65	
10/28/93	14:30:00	50.50	1770.0000	30.00	0.65	
10/28/93	14:35:00	50.59	1775.0000	35.00	0.56	
10/28/93	14:40:00	50.69	1780.0000	40.00	0.46	
10/28/93	14:45:00	50.81	1785.0000	45.00	0.34	
10/28/93	14:50:00	50.81	1790.0000	50.00	0.34	
10/28/93	14:55:00	50.87	1795.0000	55.00	0.28	
10/28/93	15:00:00	50.87	1800.0000	60.00	0.28	
10/28/93	15:05:00	50.91	1805.0000	65.00	0.24	
10/28/93	15:10:00	50.94	1810.0000	70.00	0.21	
10/28/93	15:15:00	50.97	1815.0000	75.00	0.18	
10/28/93	15:20:00	51.00	1820.0000	80.00	0.15	
10/28/93	15:25:00	51.00	1825.0000	85.00	0.15	
10/28/93	15:30:00	51.03	1830.0000	90.00	0.12	
10/28/93	15:40:00	51.09	1840.0000	100.00	0.06	
10/28/93	15:50:00	51.09	1850.0000	110.00	0.06	
10/28/93	16:00:00	51.12	1860.0000	120.00	0.03	
10/28/93	16:10:00	51.15	1870.0000	130.00	0.00	
10/28/93	16:20:00	51.15	1880.0000	140.00	0.00	
10/28/93	16:30:00	51.18	1890.0000	150.00	-0.03	
10/28/93	16:40:00	51.18	1900.0000	160.00	-0.03	
10/28/93	16:50:00	51.18	1910.0000	170.00	-0.03	
10/28/93	17:00:00	51.21	1920.0000	180.00	-0.06	
10/28/93	17:10:00	51.21	1930.0000	190.00	-0.06	
10/28/93	17:20:00	51.21	1940.0000	200.00	-0.06	
10/28/93	17:30:00	51.21	1950.0000	210.00	-0.06	
10/28/93	17:40:00	51.21	1960.0000	220.00	-0.06	
10/28/93	17:50:00	51.21	1970.0000	230.00	-0.06	
10/28/93	18:00:00	51.21	1980.0000	240.00	-0.06	
10/28/93	18:10:00	51.21	1990.0000	250.00	-0.06	
10/28/93	18:20:00	51.21	2000.0000	260.00	-0.06	
10/28/93	18:30:00	51.21	2010.0000	270.00	-0.06	
10/28/93	18:40:00	51.21	2020.0000	280.00	-0.06	
10/28/93	18:50:00	51.21	2030.0000	290.00	-0.06	
10/28/93	19:00:00	51.21	2040.0000	300.00	-0.06	
10/28/93	19:10:00	51.21	2050.0000	310.00	-0.06	
10/28/93	19:20:00	51.21	2060.0000	320.00	-0.06	
10/28/93	19:30:00	51.21	2070.0000	330.00	-0.06	
10/28/93	19:40:00	51.21	2080.0000	340.00	-0.06	
10/28/93	19:50:00	51.18	2090.0000	350.00	-0.03	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/28/93	20:00:00	51.18	2100.0000	360.00	-0.03	
10/28/93	20:10:00	51.18	2110.0000	370.00	-0.03	
10/28/93	20:20:00	51.18	2120.0000	380.00	-0.03	
10/28/93	20:30:00	51.18	2130.0000	390.00	-0.03	
10/28/93	20:40:00	51.18	2140.0000	400.00	-0.03	
10/28/93	20:50:00	51.15	2150.0000	410.00	0.00	
10/28/93	21:00:00	51.15	2160.0000	420.00	0.00	
10/28/93	21:10:00	51.15	2170.0000	430.00	0.00	
10/28/93	21:20:00	51.15	2180.0000	440.00	0.00	
10/28/93	21:30:00	51.15	2190.0000	450.00	0.00	
10/28/93	21:40:00	51.15	2200.0000	460.00	0.00	
10/28/93	21:50:00	51.12	2210.0000	470.00	0.03	
10/28/93	22:00:00	51.12	2220.0000	480.00	0.03	
10/28/93	22:10:00	51.12	2230.0000	490.00	0.03	
10/28/93	22:20:00	51.12	2240.0000	500.00	0.03	
10/28/93	22:30:00	51.12	2250.0000	510.00	0.03	
10/28/93	22:40:00	51.15	2260.0000	520.00	0.00	
10/28/93	22:50:00	51.15	2270.0000	530.00	0.00	
10/28/93	23:00:00	51.15	2280.0000	540.00	0.00	
10/28/93	23:10:00	51.15	2290.0000	550.00	0.00	
10/28/93	23:20:00	51.15	2300.0000	560.00	0.00	
10/28/93	23:30:00	51.15	2310.0000	570.00	0.00	
10/28/93	23:40:00	51.15	2320.0000	580.00	0.00	
10/28/93	23:50:00	51.12	2330.0000	590.00	0.03	
10/29/93	00:00:00	51.12	2340.0000	600.00	0.03	
10/29/93	00:10:00	51.12	2350.0000	610.00	0.03	
10/29/93	00:20:00	51.12	2360.0000	620.00	0.03	
10/29/93	00:30:00	51.15	2370.0000	630.00	0.00	
10/29/93	00:40:00	51.15	2380.0000	640.00	0.00	
10/29/93	00:50:00	51.15	2390.0000	650.00	0.00	
10/29/93	01:00:00	51.15	2400.0000	660.00	0.00	
10/29/93	01:10:00	51.15	2410.0000	670.00	0.00	
10/29/93	01:20:00	51.15	2420.0000	680.00	0.00	
10/29/93	01:30:00	51.15	2430.0000	690.00	0.00	
10/29/93	01:40:00	51.15	2440.0000	700.00	0.00	
10/29/93	01:50:00	51.15	2450.0000	710.00	0.00	
10/29/93	02:00:00	51.15	2460.0000	720.00	0.00	
10/29/93	02:10:00	51.15	2470.0000	730.00	0.00	
10/29/93	02:20:00	51.15	2480.0000	740.00	0.00	
10/29/93	02:30:00	51.18	2490.0000	750.00	-0.03	
10/29/93	02:40:00	51.18	2500.0000	760.00	-0.03	
10/29/93	02:50:00	51.18	2510.0000	770.00	-0.03	
10/29/93	03:00:00	51.18	2520.0000	780.00	-0.03	
10/29/93	03:10:00	51.18	2530.0000	790.00	-0.03	
10/29/93	03:20:00	51.18	2540.0000	800.00	-0.03	
10/29/93	03:30:00	51.18	2550.0000	810.00	-0.03	
10/29/93	03:40:00	51.18	2560.0000	820.00	-0.03	
10/29/93	03:50:00	51.18	2570.0000	830.00	-0.03	
10/29/93	04:00:00	51.18	2580.0000	840.00	-0.03	
10/29/93	04:10:00	51.18	2590.0000	850.00	-0.03	
10/29/93	04:20:00	51.21	2600.0000	860.00	-0.06	
10/29/93	04:30:00	51.21	2610.0000	870.00	-0.06	
10/29/93	04:40:00	51.21	2620.0000	880.00	-0.06	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (feet)	Comments
10/29/93	04:50:00	51.21	2630.0000	890.00	-0.06	
10/29/93	05:00:00	51.18	2640.0000	900.00	-0.03	
10/29/93	05:10:00	51.21	2650.0000	910.00	-0.06	
10/29/93	05:20:00	51.21	2660.0000	920.00	-0.06	
10/29/93	05:30:00	51.21	2670.0000	930.00	-0.06	
10/29/93	05:40:00	51.21	2680.0000	940.00	-0.06	
10/29/93	05:50:00	51.21	2690.0000	950.00	-0.06	
10/29/93	06:00:00	51.21	2700.0000	960.00	-0.06	
10/29/93	06:10:00	51.21	2710.0000	970.00	-0.06	
10/29/93	06:20:00	51.21	2720.0000	980.00	-0.06	
10/29/93	06:30:00	51.21	2730.0000	990.00	-0.06	
10/29/93	06:40:00	51.21	2740.0000	1000.00	-0.06	
10/29/93	06:50:00	51.21	2750.0000	1010.00	-0.06	
10/29/93	07:00:00	51.18	2760.0000	1020.00	-0.03	
10/29/93	07:10:00	51.21	2770.0000	1030.00	-0.06	

Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water-Level Elevation (feet)	Comments
10/25/93	14:30	51.24	
10/25/93	16:00	51.24	
10/26/93	10:10	51.19	
10/26/93	17:58	51.26	
10/26/93	18:21	35.57	
10/26/93	18:22	34.55	
10/26/93	18:22:30	34.31	
10/26/93	18:23	33.49	
10/26/93	18:23:30	33.05	
10/26/93	18:24	33.13	
10/26/93	18:24:30	33.03	
10/26/93	18:25	32.71	
10/26/93	18:26	32.40	
10/26/93	18:27	32.15	
10/26/93	18:28	32.01	
10/26/93	18:29	31.99	
10/26/93	18:30	31.82	
10/26/93	18:31	31.81	
10/26/93	18:32	31.67	
10/26/93	18:33	31.58	
10/26/93	18:34	31.44	
10/26/93	18:35	31.44	
10/26/93	18:36	31.42	
10/26/93	18:37	31.36	
10/26/93	18:38	31.34	
10/26/93	18:39	31.19	
10/26/93	18:40	31.08	
10/26/93	18:45	30.91	
10/27/93	09:00:30	37.91	Begin Pumping @ 09:00:00
10/27/93	09:01	36.26	
10/27/93	09:01:30	35.44	
10/27/93	09:02	34.99	
10/27/93	09:02:30	34.62	
10/27/93	09:03	34.53	
10/27/93	09:03:30	34.38	
10/27/93	09:04	34.29	
10/27/93	09:04:30	34.16	
10/27/93	09:05	34.09	
10/27/93	09:06	33.84	
10/27/93	09:07	33.69	
10/27/93	09:08	33.56	
10/27/93	09:08:30	33.53	
10/27/93	09:09	33.46	
10/27/93	09:10	33.44	
10/27/93	09:11	33.39	
10/27/93	09:12	33.33	
10/27/93	09:13	33.31	
10/27/93	09:14	33.25	
10/27/93	09:15	33.21	
10/27/93	09:16	33.19	
10/27/93	09:17	33.18	
10/27/93	09:18	33.16	
10/27/93	09:19	32.93	
10/27/93	09:20	32.93	

**Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-2**

Date	Time	Water-Level Elevation (feet)	Comments
10/27/93	09:21	32.89	
10/27/93	09:22	32.88	
10/27/93	09:23	32.85	
10/27/93	09:24	32.85	
10/27/93	09:25	32.83	
10/27/93	09:26	32.75	
10/27/93	09:27	32.77	
10/27/93	09:28	32.75	
10/27/93	09:29	32.73	
10/27/93	09:30	32.73	
10/27/93	09:31	32.72	
10/27/93	09:32	32.69	
10/27/93	09:33	32.69	
10/27/93	09:34	32.66	
10/27/93	09:35	32.66	
10/27/93	09:40	32.61	
10/27/93	09:45	32.57	
10/27/93	09:50	32.55	
10/27/93	09:55	32.55	
10/27/93	10:00	32.51	
10/27/93	10:05	32.46	
10/27/93	10:10	32.45	
10/27/93	10:15	32.41	
10/27/93	10:20	32.41	
10/27/93	10:25	32.39	
10/27/93	10:30	32.40	
10/27/93	10:35	32.40	
10/27/93	10:40	32.45	
10/27/93	10:45	32.30	
10/27/93	10:50	32.24	
10/27/93	10:55	32.21	
10/27/93	11:00	32.16	
10/27/93	11:10	32.13	
10/27/93	11:20	32.11	
10/27/93	11:30	32.15	
10/27/93	11:40	32.12	
10/27/93	11:50	32.08	
10/27/93	12:00	32.08	
10/27/93	12:30	32.04	
10/27/93	13:00	32.06	
10/27/93	13:30	32.02	
10/27/93	14:00	32.02	
10/27/93	14:30	32.02	
10/27/93	15:00	32.09	
10/27/93	15:28	32.02	
10/27/93	16:00	31.99	
10/27/93	16:30	31.93	
10/27/93	17:00	31.91	
10/27/93	17:30	31.85	
10/27/93	18:00	31.77	
10/27/93	18:30	31.77	
10/27/93	19:00	32.05	
10/27/93	19:30	32.13	
10/27/93	20:00	32.11	

Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-2

Date	Time	Water--Level Elevation (feet)	Comments
10/27/93	20:30	32.13	
10/27/93	21:00	32.09	
10/27/93	21:30	32.07	
10/27/93	22:00	32.05	
10/27/93	22:30	32.03	
10/27/93	23:00	32.09	
10/27/93	23:30	32.07	
10/28/93	00:00	32.07	
10/28/93	00:30	32.09	
10/28/93	1:00	32.13	
10/28/93	1:30	32.15	
10/28/93	2:00	32.17	
10/28/93	2:30	32.15	
10/28/93	3:01	32.13	
10/28/93	3:34	32.15	
10/28/93	4:00	32.15	
10/28/93	4:30	32.21	
10/28/93	5:00	32.23	
10/28/93	5:29	32.25	
10/28/93	6:00	32.27	
10/28/93	6:28	32.13	
10/28/93	6:59	32.11	
10/28/93	07:30	32.11	
10/28/93	08:08	32.11	
10/28/93	08:30	32.11	
10/28/93	09:00	32.11	
10/28/93	09:30	32.11	
10/28/93	10:00	32.03	
10/28/93	10:30	32.09	
10/28/93	11:00	32.07	
10/28/93	11:30	32.11	
10/28/93	12:00	32.07	
10/28/93	12:30	32.07	
10/28/93	13:00	32.11	
10/28/93	13:30	32.11	
10/28/93	13:58	32.17	
10/28/93	14:01:40	48.20	End Pumping @ 14:00:00
10/28/93	14:01	47.80	
10/28/93	14:02	47.90	
10/28/93	14:02:13	47.90	
10/28/93	14:02:20	48.00	
10/28/93	14:02:30	48.10	
10/28/93	14:02:45	48.25	
10/28/93	14:03	48.40	
10/28/93	14:03:15	48.50	
10/28/93	14:03:30	48.55	
10/28/93	14:04	48.73	
10/28/93	14:04:15	48.79	
10/28/93	14:04:30	48.85	
10/28/93	14:04:45	48.92	
10/28/93	14:05	48.97	
10/28/93	14:05:30	49.07	
10/28/93	14:06	49.17	
10/28/93	14:06:30	49.25	

**Visual Ground Water Level Measurements
Upper Production Zone APT
ICW-2**

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	14:07	49.32	
10/28/93	14:07:30	49.39	
10/28/93	14:08	49.45	
10/28/93	14:08:30	49.56	
10/28/93	14:09	49.57	
10/28/93	14:09:30	49.61	
10/28/93	14:10	49.66	
10/28/93	14:11	49.74	
10/28/93	14:12	49.82	
10/28/93	14:13	49.88	
10/28/93	14:14	49.95	
10/28/93	14:15	50.00	
10/28/93	14:16	50.05	
10/28/93	14:17	50.09	
10/28/93	14:18	50.14	
10/28/93	14:19	50.18	
10/28/93	14:20	50.21	
10/28/93	14:21	50.25	
10/28/93	14:22	50.29	
10/28/93	14:23	50.32	
10/28/93	14:24	50.34	
10/28/93	14:25	50.37	
10/28/93	14:26	50.40	
10/28/93	14:27	50.42	
10/28/93	14:28	50.44	
10/28/93	14:29	50.47	
10/28/93	14:30	50.49	
10/28/93	14:35	50.58	
10/28/93	14:40	50.65	
10/28/93	14:45	50.73	
10/28/93	14:50	50.78	
10/28/93	14:55	50.82	
10/28/93	15:00	50.85	
10/28/93	15:10	50.92	
10/28/93	15:20	50.95	
10/28/93	15:30	51.00	
10/28/93	15:40	51.03	
10/28/93	15:50	51.06	
10/28/93	16:00	51.09	
10/28/93	16:20	51.10	
10/28/93	16:40	51.13	
10/28/93	17:00	51.15	
10/28/93	17:20	51.15	
10/28/93	17:40	51.15	
10/28/93	18:00	51.16	
10/28/93	18:35	51.16	
10/29/93	07:10	51.12	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/20/93	19:00:00	50.38	Pre-Test	Pre-Test	
10/20/93	19:30:00	50.37	Pre-Test	Pre-Test	
10/20/93	20:00:00	50.28	Pre-Test	Pre-Test	
10/20/93	20:30:00	50.27	Pre-Test	Pre-Test	
10/20/93	21:00:00	50.26	Pre-Test	Pre-Test	
10/20/93	21:30:00	50.49	Pre-Test	Pre-Test	
10/20/93	22:00:00	50.63	Pre-Test	Pre-Test	
10/20/93	22:30:00	50.71	Pre-Test	Pre-Test	
10/20/93	23:00:00	50.75	Pre-Test	Pre-Test	
10/20/93	23:30:00	50.69	Pre-Test	Pre-Test	
10/21/93	00:00:00	50.73	Pre-Test	Pre-Test	
10/21/93	00:30:00	50.72	Pre-Test	Pre-Test	
10/21/93	01:00:00	50.71	Pre-Test	Pre-Test	
10/21/93	01:30:00	50.75	Pre-Test	Pre-Test	
10/21/93	02:00:00	50.78	Pre-Test	Pre-Test	
10/21/93	02:30:00	50.80	Pre-Test	Pre-Test	
10/21/93	03:00:00	50.81	Pre-Test	Pre-Test	
10/21/93	03:30:00	50.76	Pre-Test	Pre-Test	
10/21/93	04:00:00	50.74	Pre-Test	Pre-Test	
10/21/93	04:30:00	50.76	Pre-Test	Pre-Test	
10/21/93	05:00:00	50.70	Pre-Test	Pre-Test	
10/21/93	05:30:00	50.74	Pre-Test	Pre-Test	
10/21/93	06:00:00	50.75	Pre-Test	Pre-Test	
10/21/93	06:30:00	50.77	Pre-Test	Pre-Test	
10/21/93	07:00:00	50.78	Pre-Test	Pre-Test	
10/21/93	07:30:00	50.64	Pre-Test	Pre-Test	
10/21/93	08:00:00	50.46	Pre-Test	Pre-Test	
10/21/93	08:30:00	50.37	Pre-Test	Pre-Test	
10/21/93	09:00:00	50.32	Pre-Test	Pre-Test	
10/21/93	09:30:00	50.30	Pre-Test	Pre-Test	
10/21/93	10:00:00	50.29	Pre-Test	Pre-Test	
10/21/93	10:30:00	50.20	Pre-Test	Pre-Test	
10/21/93	11:00:00	50.22	Pre-Test	Pre-Test	
10/21/93	11:30:00	50.23	Pre-Test	Pre-Test	
10/21/93	12:00:00	50.25	Pre-Test	Pre-Test	
10/21/93	12:30:00	50.19	Pre-Test	Pre-Test	
10/21/93	13:00:00	50.22	Pre-Test	Pre-Test	
10/21/93	13:30:00	50.24	Pre-Test	Pre-Test	
10/21/93	14:00:00	50.16	Pre-Test	Pre-Test	
10/21/93	14:30:00	50.21	Pre-Test	Pre-Test	
10/21/93	15:00:00	50.23	Pre-Test	Pre-Test	
10/21/93	15:30:00	50.18	Pre-Test	Pre-Test	
10/21/93	16:00:00	50.20	Pre-Test	Pre-Test	
10/21/93	16:30:00	50.22	Pre-Test	Pre-Test	
10/21/93	17:00:00	50.14	Pre-Test	Pre-Test	
10/21/93	17:30:00	50.18	Pre-Test	Pre-Test	
10/21/93	18:00:00	50.18	Pre-Test	Pre-Test	
10/21/93	18:30:00	50.18	Pre-Test	Pre-Test	
10/21/93	19:00:00	50.18	Pre-Test	Pre-Test	
10/21/93	19:30:00	50.18	Pre-Test	Pre-Test	
10/21/93	20:00:00	50.18	Pre-Test	Pre-Test	
10/21/93	20:30:00	50.16	Pre-Test	Pre-Test	
10/21/93	21:00:00	50.16	Pre-Test	Pre-Test	
10/21/93	21:30:00	50.16	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/21/93	22:00:00	50.15	Pre-Test	Pre-Test	
10/21/93	22:30:00	50.14	Pre-Test	Pre-Test	
10/21/93	23:00:00	50.13	Pre-Test	Pre-Test	
10/21/93	23:30:00	50.12	Pre-Test	Pre-Test	
10/22/93	00:00:00	50.13	Pre-Test	Pre-Test	
10/22/93	00:30:00	50.13	Pre-Test	Pre-Test	
10/22/93	01:00:00	50.13	Pre-Test	Pre-Test	
10/22/93	01:30:00	50.06	Pre-Test	Pre-Test	
10/22/93	02:00:00	50.03	Pre-Test	Pre-Test	
10/22/93	02:30:00	50.07	Pre-Test	Pre-Test	
10/22/93	03:00:00	50.07	Pre-Test	Pre-Test	
10/22/93	03:30:00	50.03	Pre-Test	Pre-Test	
10/22/93	04:00:00	50.07	Pre-Test	Pre-Test	
10/22/93	04:30:00	50.08	Pre-Test	Pre-Test	
10/22/93	05:00:00	50.09	Pre-Test	Pre-Test	
10/22/93	05:30:00	50.03	Pre-Test	Pre-Test	
10/22/93	06:00:00	50.06	Pre-Test	Pre-Test	
10/22/93	06:30:00	50.08	Pre-Test	Pre-Test	
10/22/93	07:00:00	50.09	Pre-Test	Pre-Test	
10/22/93	07:30:00	50.09	Pre-Test	Pre-Test	
10/22/93	08:00:00	50.08	Pre-Test	Pre-Test	
10/22/93	08:30:00	49.98	Pre-Test	Pre-Test	
10/22/93	09:00:00	50.03	Pre-Test	Pre-Test	
10/22/93	09:30:00	49.85	Pre-Test	Pre-Test	
10/22/93	10:00:00	49.91	Pre-Test	Pre-Test	
10/22/93	10:30:00	49.82	Pre-Test	Pre-Test	
10/22/93	11:00:00	49.88	Pre-Test	Pre-Test	
10/22/93	11:30:00	49.80	Pre-Test	Pre-Test	
10/22/93	12:00:00	49.85	Pre-Test	Pre-Test	
10/22/93	12:30:00	49.83	Pre-Test	Pre-Test	
10/22/93	13:00:00	49.84	Pre-Test	Pre-Test	
10/22/93	13:30:00	49.89	Pre-Test	Pre-Test	
10/22/93	14:00:00	49.98	Pre-Test	Pre-Test	
10/22/93	14:30:00	49.96	Pre-Test	Pre-Test	
10/22/93	15:00:00	50.28	Pre-Test	Pre-Test	
10/22/93	15:30:00	50.48	Pre-Test	Pre-Test	
10/22/93	16:00:00	50.59	Pre-Test	Pre-Test	
10/22/93	16:30:00	50.62	Pre-Test	Pre-Test	
10/22/93	17:00:00	50.70	Pre-Test	Pre-Test	
10/22/93	17:30:00	50.75	Pre-Test	Pre-Test	
10/22/93	18:00:00	50.71	Pre-Test	Pre-Test	
10/22/93	18:30:00	50.77	Pre-Test	Pre-Test	
10/22/93	19:00:00	50.80	Pre-Test	Pre-Test	
10/22/93	19:30:00	50.81	Pre-Test	Pre-Test	
10/22/93	20:00:00	50.82	Pre-Test	Pre-Test	
10/22/93	20:30:00	50.82	Pre-Test	Pre-Test	
10/22/93	21:00:00	50.83	Pre-Test	Pre-Test	
10/22/93	21:30:00	50.83	Pre-Test	Pre-Test	
10/22/93	22:00:00	50.83	Pre-Test	Pre-Test	
10/22/93	22:30:00	50.84	Pre-Test	Pre-Test	
10/22/93	23:00:00	50.84	Pre-Test	Pre-Test	
10/22/93	23:30:00	50.83	Pre-Test	Pre-Test	
10/23/93	00:00:00	50.84	Pre-Test	Pre-Test	
10/23/93	00:30:00	50.86	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/23/93	01:00:00	50.86	Pre-Test	Pre-Test	
10/23/93	01:30:00	50.87	Pre-Test	Pre-Test	
10/23/93	02:00:00	50.87	Pre-Test	Pre-Test	
10/23/93	02:30:00	50.89	Pre-Test	Pre-Test	
10/23/93	03:00:00	50.89	Pre-Test	Pre-Test	
10/23/93	03:30:00	50.89	Pre-Test	Pre-Test	
10/23/93	04:00:00	50.90	Pre-Test	Pre-Test	
10/23/93	04:30:00	50.90	Pre-Test	Pre-Test	
10/23/93	05:00:00	50.89	Pre-Test	Pre-Test	
10/23/93	05:30:00	50.88	Pre-Test	Pre-Test	
10/23/93	06:00:00	50.89	Pre-Test	Pre-Test	
10/23/93	06:30:00	50.88	Pre-Test	Pre-Test	
10/23/93	07:00:00	50.87	Pre-Test	Pre-Test	
10/23/93	07:30:00	50.87	Pre-Test	Pre-Test	
10/23/93	08:00:00	50.87	Pre-Test	Pre-Test	
10/23/93	08:30:00	50.86	Pre-Test	Pre-Test	
10/23/93	09:00:00	50.86	Pre-Test	Pre-Test	
10/23/93	09:30:00	50.80	Pre-Test	Pre-Test	
10/23/93	10:00:00	50.85	Pre-Test	Pre-Test	
10/23/93	10:30:00	50.88	Pre-Test	Pre-Test	
10/23/93	11:00:00	50.90	Pre-Test	Pre-Test	
10/23/93	11:30:00	50.92	Pre-Test	Pre-Test	
10/23/93	12:00:00	50.93	Pre-Test	Pre-Test	
10/23/93	12:30:00	50.95	Pre-Test	Pre-Test	
10/23/93	13:00:00	50.97	Pre-Test	Pre-Test	
10/23/93	13:30:00	50.98	Pre-Test	Pre-Test	
10/23/93	14:00:00	51.01	Pre-Test	Pre-Test	
10/23/93	14:30:00	51.01	Pre-Test	Pre-Test	
10/23/93	15:00:00	51.02	Pre-Test	Pre-Test	
10/23/93	15:30:00	50.97	Pre-Test	Pre-Test	
10/23/93	16:00:00	51.00	Pre-Test	Pre-Test	
10/23/93	16:30:00	51.02	Pre-Test	Pre-Test	
10/23/93	17:00:00	51.01	Pre-Test	Pre-Test	
10/23/93	17:30:00	51.00	Pre-Test	Pre-Test	
10/23/93	18:00:00	50.99	Pre-Test	Pre-Test	
10/23/93	18:30:00	50.98	Pre-Test	Pre-Test	
10/23/93	19:00:00	50.98	Pre-Test	Pre-Test	
10/23/93	19:30:00	50.96	Pre-Test	Pre-Test	
10/23/93	20:00:00	50.95	Pre-Test	Pre-Test	
10/23/93	20:30:00	50.94	Pre-Test	Pre-Test	
10/23/93	21:00:00	50.93	Pre-Test	Pre-Test	
10/23/93	21:30:00	50.92	Pre-Test	Pre-Test	
10/23/93	22:00:00	50.92	Pre-Test	Pre-Test	
10/23/93	22:30:00	50.93	Pre-Test	Pre-Test	
10/23/93	23:00:00	50.92	Pre-Test	Pre-Test	
10/23/93	23:30:00	50.93	Pre-Test	Pre-Test	
10/24/93	00:00:00	50.93	Pre-Test	Pre-Test	
10/24/93	00:30:00	50.92	Pre-Test	Pre-Test	
10/24/93	01:00:00	50.94	Pre-Test	Pre-Test	
10/24/93	01:30:00	50.95	Pre-Test	Pre-Test	
10/24/93	02:00:00	50.95	Pre-Test	Pre-Test	
10/24/93	02:30:00	50.97	Pre-Test	Pre-Test	
10/24/93	03:00:00	50.97	Pre-Test	Pre-Test	
10/24/93	03:30:00	50.97	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/24/93	04:00:00	50.97	Pre-Test	Pre-Test	
10/24/93	04:30:00	50.97	Pre-Test	Pre-Test	
10/24/93	05:00:00	50.97	Pre-Test	Pre-Test	
10/24/93	05:30:00	50.97	Pre-Test	Pre-Test	
10/24/93	06:00:00	50.97	Pre-Test	Pre-Test	
10/24/93	06:30:00	50.97	Pre-Test	Pre-Test	
10/24/93	07:00:00	50.96	Pre-Test	Pre-Test	
10/24/93	07:30:00	50.95	Pre-Test	Pre-Test	
10/24/93	08:00:00	50.94	Pre-Test	Pre-Test	
10/24/93	08:30:00	50.94	Pre-Test	Pre-Test	
10/24/93	09:00:00	50.94	Pre-Test	Pre-Test	
10/24/93	09:30:00	50.93	Pre-Test	Pre-Test	
10/24/93	10:00:00	50.94	Pre-Test	Pre-Test	
10/24/93	10:30:00	50.97	Pre-Test	Pre-Test	
10/24/93	11:00:00	50.97	Pre-Test	Pre-Test	
10/24/93	11:30:00	50.99	Pre-Test	Pre-Test	
10/24/93	12:00:00	51.00	Pre-Test	Pre-Test	
10/24/93	12:30:00	51.02	Pre-Test	Pre-Test	
10/24/93	13:00:00	51.03	Pre-Test	Pre-Test	
10/24/93	13:30:00	51.05	Pre-Test	Pre-Test	
10/24/93	14:00:00	51.07	Pre-Test	Pre-Test	
10/24/93	14:30:00	51.09	Pre-Test	Pre-Test	
10/24/93	15:00:00	51.09	Pre-Test	Pre-Test	
10/24/93	15:30:00	51.11	Pre-Test	Pre-Test	
10/24/93	16:00:00	51.11	Pre-Test	Pre-Test	
10/24/93	16:30:00	51.11	Pre-Test	Pre-Test	
10/24/93	17:00:00	51.11	Pre-Test	Pre-Test	
10/24/93	17:30:00	51.10	Pre-Test	Pre-Test	
10/24/93	18:00:00	51.10	Pre-Test	Pre-Test	
10/24/93	18:30:00	51.09	Pre-Test	Pre-Test	
10/24/93	19:00:00	51.08	Pre-Test	Pre-Test	
10/24/93	19:30:00	51.06	Pre-Test	Pre-Test	
10/24/93	20:00:00	51.05	Pre-Test	Pre-Test	
10/24/93	20:30:00	51.03	Pre-Test	Pre-Test	
10/24/93	21:00:00	51.02	Pre-Test	Pre-Test	
10/24/93	21:30:00	51.01	Pre-Test	Pre-Test	
10/24/93	22:00:00	51.00	Pre-Test	Pre-Test	
10/24/93	22:30:00	50.99	Pre-Test	Pre-Test	
10/24/93	23:00:00	50.99	Pre-Test	Pre-Test	
10/24/93	23:30:00	50.99	Pre-Test	Pre-Test	
10/25/93	00:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	00:30:00	51.00	Pre-Test	Pre-Test	
10/25/93	01:00:00	51.01	Pre-Test	Pre-Test	
10/25/93	01:30:00	51.02	Pre-Test	Pre-Test	
10/25/93	02:00:00	51.03	Pre-Test	Pre-Test	
10/25/93	02:30:00	51.02	Pre-Test	Pre-Test	
10/25/93	03:00:00	51.03	Pre-Test	Pre-Test	
10/25/93	03:30:00	51.03	Pre-Test	Pre-Test	
10/25/93	04:00:00	51.03	Pre-Test	Pre-Test	
10/25/93	04:30:00	51.04	Pre-Test	Pre-Test	
10/25/93	05:00:00	51.04	Pre-Test	Pre-Test	
10/25/93	05:30:00	51.03	Pre-Test	Pre-Test	
10/25/93	06:00:00	51.03	Pre-Test	Pre-Test	
10/25/93	06:30:00	51.02	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/25/93	07:00:00	51.02	Pre-Test	Pre-Test	
10/25/93	07:30:00	51.01	Pre-Test	Pre-Test	
10/25/93	08:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	08:30:00	50.93	Pre-Test	Pre-Test	
10/25/93	09:00:00	50.96	Pre-Test	Pre-Test	
10/25/93	09:30:00	50.98	Pre-Test	Pre-Test	
10/25/93	10:00:00	50.99	Pre-Test	Pre-Test	
10/25/93	10:30:00	51.01	Pre-Test	Pre-Test	
10/25/93	11:00:00	51.03	Pre-Test	Pre-Test	
10/25/93	11:30:00	51.04	Pre-Test	Pre-Test	
10/25/93	12:00:00	50.94	Pre-Test	Pre-Test	
10/25/93	12:30:00	51.00	Pre-Test	Pre-Test	
10/25/93	13:00:00	50.98	Pre-Test	Pre-Test	
10/25/93	13:30:00	51.03	Pre-Test	Pre-Test	
10/25/93	14:00:00	51.06	Pre-Test	Pre-Test	
10/25/93	14:30:00	51.10	Pre-Test	Pre-Test	
10/25/93	15:00:00	51.12	Pre-Test	Pre-Test	
10/25/93	15:30:00	51.13	Pre-Test	Pre-Test	
10/25/93	16:00:00	51.06	Pre-Test	Pre-Test	
10/25/93	16:30:00	50.91	Pre-Test	Pre-Test	
10/25/93	17:00:00	50.62	Pre-Test	Pre-Test	
10/25/93	17:30:00	50.46	Pre-Test	Pre-Test	
10/25/93	18:00:00	50.72	Pre-Test	Pre-Test	
10/25/93	18:30:00	50.87	Pre-Test	Pre-Test	
10/25/93	19:00:00	50.94	Pre-Test	Pre-Test	
10/25/93	19:30:00	50.98	Pre-Test	Pre-Test	
10/25/93	20:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	20:30:00	51.00	Pre-Test	Pre-Test	
10/25/93	21:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	21:30:00	50.99	Pre-Test	Pre-Test	
10/25/93	22:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	22:30:00	51.00	Pre-Test	Pre-Test	
10/25/93	23:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	23:30:00	51.00	Pre-Test	Pre-Test	
10/26/93	00:00:00	50.96	Pre-Test	Pre-Test	
10/26/93	00:30:00	50.95	Pre-Test	Pre-Test	
10/26/93	01:00:00	50.97	Pre-Test	Pre-Test	
10/26/93	01:30:00	50.93	Pre-Test	Pre-Test	
10/26/93	02:00:00	50.97	Pre-Test	Pre-Test	
10/26/93	02:30:00	51.00	Pre-Test	Pre-Test	
10/26/93	03:00:00	51.02	Pre-Test	Pre-Test	
10/26/93	03:30:00	51.03	Pre-Test	Pre-Test	
10/26/93	04:00:00	50.99	Pre-Test	Pre-Test	
10/26/93	04:30:00	51.02	Pre-Test	Pre-Test	
10/26/93	05:00:00	51.03	Pre-Test	Pre-Test	
10/26/93	05:30:00	51.01	Pre-Test	Pre-Test	
10/26/93	06:00:00	50.97	Pre-Test	Pre-Test	
10/26/93	06:30:00	50.99	Pre-Test	Pre-Test	
10/26/93	07:00:00	51.00	Pre-Test	Pre-Test	
10/26/93	07:30:00	51.01	Pre-Test	Pre-Test	
10/26/93	08:00:00	50.91	Pre-Test	Pre-Test	
10/26/93	08:30:00	50.97	Pre-Test	Pre-Test	
10/26/93	09:00:00	50.97	Pre-Test	Pre-Test	
10/26/93	09:30:00	51.01	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/26/93	10:00:00	51.02	Pre-Test	Pre-Test	
10/26/93	10:30:00	51.04	Pre-Test	Pre-Test	
10/26/93	11:00:00	51.04	Pre-Test	Pre-Test	
10/26/93	12:15:00	51.06	Pre-Test	Pre-Test	
10/26/93	12:30:00	51.07	Pre-Test	Pre-Test	
10/26/93	12:45:00	51.08	Pre-Test	Pre-Test	
10/26/93	13:00:00	51.09	Pre-Test	Pre-Test	
10/26/93	13:15:00	51.12	Pre-Test	Pre-Test	
10/26/93	13:30:00	51.11	Pre-Test	Pre-Test	
10/26/93	13:45:00	51.09	Pre-Test	Pre-Test	
10/26/93	14:00:00	51.12	Pre-Test	Pre-Test	
10/26/93	14:15:00	51.13	Pre-Test	Pre-Test	
10/26/93	14:30:00	51.15	Pre-Test	Pre-Test	
10/26/93	14:45:00	51.15	Pre-Test	Pre-Test	
10/26/93	15:00:00	51.15	Pre-Test	Pre-Test	
10/26/93	15:15:00	51.16	Pre-Test	Pre-Test	
10/26/93	15:30:00	51.17	Pre-Test	Pre-Test	
10/26/93	15:45:00	51.17	Pre-Test	Pre-Test	
10/26/93	16:00:00	51.16	Pre-Test	Pre-Test	
10/26/93	16:15:00	51.17	Pre-Test	Pre-Test	
10/26/93	16:37:00	51.20	Pre-Test	Pre-Test	
10/26/93	16:39:00	51.20	Pre-Test	Pre-Test	
10/26/93	16:41:00	51.18	Pre-Test	Pre-Test	
10/26/93	16:43:00	51.22	Pre-Test	Pre-Test	
10/26/93	16:45:00	51.20	Pre-Test	Pre-Test	
10/26/93	16:47:00	51.19	Pre-Test	Pre-Test	
10/26/93	16:49:00	51.19	Pre-Test	Pre-Test	
10/26/93	16:51:00	51.18	Pre-Test	Pre-Test	
10/26/93	16:53:00	51.19	Pre-Test	Pre-Test	
10/26/93	16:55:00	51.18	Pre-Test	Pre-Test	
10/26/93	16:57:00	51.19	Pre-Test	Pre-Test	
10/26/93	16:59:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:01:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:03:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:05:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:07:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:09:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:11:00	51.17	Pre-Test	Pre-Test	
10/26/93	17:13:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:15:00	51.18	Pre-Test	Pre-Test	
10/26/93	17:17:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:19:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:21:00	51.19	Pre-Test	Pre-Test	
10/26/93	17:23:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:25:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:27:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:29:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:31:00	51.22	Pre-Test	Pre-Test	
10/26/93	17:33:00	51.21	Pre-Test	Pre-Test	
10/26/93	17:35:00	51.21	Pre-Test	Pre-Test	
10/26/93	17:37:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:39:00	51.21	Pre-Test	Pre-Test	
10/26/93	17:41:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:43:00	51.21	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/26/93	17:45:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:47:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:49:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:51:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:53:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:55:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:57:00	51.20	Pre-Test	Pre-Test	
10/26/93	17:59:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:01:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:03:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:05:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:07:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:09:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:11:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:13:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:15:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:17:00	51.20	Pre-Test	Pre-Test	
10/26/93	18:19:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:21:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:23:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:25:00	51.19	Pre-Test	Pre-Test	
10/26/93	18:27:00	51.17	Pre-Test	Pre-Test	
10/26/93	18:29:00	51.14	Pre-Test	Pre-Test	
10/26/93	18:31:00	51.11	Pre-Test	Pre-Test	
10/26/93	18:33:00	51.06	Pre-Test	Pre-Test	
10/26/93	18:35:00	51.04	Pre-Test	Pre-Test	
10/26/93	18:37:00	51.01	Pre-Test	Pre-Test	
10/26/93	18:39:00	50.98	Pre-Test	Pre-Test	
10/26/93	18:41:00	50.94	Pre-Test	Pre-Test	
10/26/93	18:43:00	50.93	Pre-Test	Pre-Test	
10/26/93	18:45:00	50.90	Pre-Test	Pre-Test	
10/26/93	18:47:00	50.88	Pre-Test	Pre-Test	
10/26/93	18:49:00	50.86	Pre-Test	Pre-Test	
10/26/93	18:51:00	50.83	Pre-Test	Pre-Test	
10/26/93	18:53:00	50.81	Pre-Test	Pre-Test	
10/26/93	18:55:00	50.81	Pre-Test	Pre-Test	
10/26/93	18:57:00	50.81	Pre-Test	Pre-Test	
10/26/93	18:59:00	50.82	Pre-Test	Pre-Test	
10/26/93	19:01:00	50.84	Pre-Test	Pre-Test	
10/26/93	19:03:00	50.85	Pre-Test	Pre-Test	
10/26/93	19:05:00	50.86	Pre-Test	Pre-Test	
10/26/93	19:07:00	50.88	Pre-Test	Pre-Test	
10/26/93	19:09:00	50.89	Pre-Test	Pre-Test	
10/26/93	19:11:00	50.89	Pre-Test	Pre-Test	
10/26/93	19:13:00	50.90	Pre-Test	Pre-Test	
10/26/93	19:15:00	50.91	Pre-Test	Pre-Test	
10/26/93	19:17:00	50.92	Pre-Test	Pre-Test	
10/26/93	19:19:00	50.93	Pre-Test	Pre-Test	
10/26/93	19:21:00	50.93	Pre-Test	Pre-Test	
10/26/93	19:23:00	50.95	Pre-Test	Pre-Test	
10/26/93	19:25:00	50.95	Pre-Test	Pre-Test	
10/26/93	19:27:00	50.96	Pre-Test	Pre-Test	
10/26/93	19:29:00	50.96	Pre-Test	Pre-Test	
10/26/93	19:31:00	50.97	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/26/93	19:33:00	50.98	Pre-Test	Pre-Test	
10/26/93	19:35:00	50.98	Pre-Test	Pre-Test	
10/26/93	19:37:00	50.99	Pre-Test	Pre-Test	
10/26/93	19:39:00	50.99	Pre-Test	Pre-Test	
10/26/93	19:41:00	50.99	Pre-Test	Pre-Test	
10/26/93	19:43:00	51.00	Pre-Test	Pre-Test	
10/26/93	19:45:00	51.01	Pre-Test	Pre-Test	
10/26/93	19:47:00	51.02	Pre-Test	Pre-Test	
10/26/93	19:49:00	51.02	Pre-Test	Pre-Test	
10/26/93	19:51:00	51.02	Pre-Test	Pre-Test	
10/26/93	19:53:00	51.02	Pre-Test	Pre-Test	
10/26/93	19:55:00	51.03	Pre-Test	Pre-Test	
10/26/93	19:57:00	51.03	Pre-Test	Pre-Test	
10/26/93	19:59:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:01:00	51.03	Pre-Test	Pre-Test	
10/26/93	20:03:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:05:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:07:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:09:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:11:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:13:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:15:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:17:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:19:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:21:00	51.06	Pre-Test	Pre-Test	
10/26/93	20:23:00	51.06	Pre-Test	Pre-Test	
10/26/93	20:25:00	51.06	Pre-Test	Pre-Test	
10/26/93	20:27:00	51.06	Pre-Test	Pre-Test	
10/26/93	20:29:00	51.07	Pre-Test	Pre-Test	
10/26/93	20:31:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:33:00	51.06	Pre-Test	Pre-Test	
10/26/93	20:35:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:37:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:39:00	51.07	Pre-Test	Pre-Test	
10/26/93	20:41:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:43:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:45:00	51.07	Pre-Test	Pre-Test	
10/26/93	20:47:00	51.08	Pre-Test	Pre-Test	
10/26/93	20:49:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:51:00	51.05	Pre-Test	Pre-Test	
10/26/93	20:53:00	51.04	Pre-Test	Pre-Test	
10/26/93	20:55:00	51.03	Pre-Test	Pre-Test	
10/26/93	20:57:00	51.02	Pre-Test	Pre-Test	
10/26/93	20:59:00	51.01	Pre-Test	Pre-Test	
10/26/93	21:01:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:03:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:05:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:07:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:09:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:11:00	50.99	Pre-Test	Pre-Test	
10/26/93	21:13:00	51.00	Pre-Test	Pre-Test	
10/26/93	21:30:00	50.89	Pre-Test	Pre-Test	
10/26/93	22:00:00	50.84	Pre-Test	Pre-Test	
10/26/93	22:30:00	50.83	Pre-Test	Pre-Test	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/26/93	23:00:00	50.87	Pre-Test	Pre-Test	
10/26/93	23:30:00	50.86	Pre-Test	Pre-Test	
10/27/93	00:00:00	50.81	Pre-Test	Pre-Test	
10/27/93	00:30:00	50.85	Pre-Test	Pre-Test	
10/27/93	01:00:00	50.87	Pre-Test	Pre-Test	
10/27/93	01:30:00	50.91	Pre-Test	Pre-Test	
10/27/93	02:00:00	50.92	Pre-Test	Pre-Test	
10/27/93	02:30:00	50.92	Pre-Test	Pre-Test	
10/27/93	03:00:00	50.94	Pre-Test	Pre-Test	
10/27/93	03:30:00	50.95	Pre-Test	Pre-Test	
10/27/93	04:00:00	50.96	Pre-Test	Pre-Test	
10/27/93	04:30:00	50.95	Pre-Test	Pre-Test	
10/27/93	05:00:00	50.96	Pre-Test	Pre-Test	
10/27/93	05:30:00	50.96	Pre-Test	Pre-Test	
10/27/93	06:00:00	50.96	Pre-Test	Pre-Test	
10/27/93	06:30:00	50.94	Pre-Test	Pre-Test	
10/27/93	07:00:00	50.93	Pre-Test	Pre-Test	
10/27/93	07:30:00	51.00	Pre-Test	Pre-Test	
10/27/93	08:50:00	50.89	Pre-Test	Pre-Test	
10/27/93	08:52:00	50.89	Pre-Test	Pre-Test	
10/27/93	08:54:00	50.90	Pre-Test	Pre-Test	
10/27/93	08:56:00	50.91	Pre-Test	Pre-Test	
10/27/93	08:58:00	50.91	Pre-Test	Pre-Test	
10/27/93	09:00:00	50.90	Pre-Test	Pre-Test	Begin Pumping
10/27/93	09:02:00	50.88	2	0.02	
10/27/93	09:04:00	50.84	4	0.06	
10/27/93	09:06:00	50.79	6	0.11	
10/27/93	09:08:00	50.76	8	0.14	
10/27/93	09:10:00	50.72	10	0.18	
10/27/93	09:12:00	50.69	12	0.21	
10/27/93	09:14:00	50.65	14	0.25	
10/27/93	09:16:00	50.61	16	0.29	
10/27/93	09:18:00	50.62	18	0.28	
10/27/93	09:20:00	50.55	20	0.35	
10/27/93	09:22:00	50.54	22	0.36	
10/27/93	09:24:00	50.51	24	0.39	
10/27/93	09:26:00	50.48	26	0.42	
10/27/93	09:28:00	50.48	28	0.42	
10/27/93	09:30:00	50.46	30	0.44	
10/27/93	09:32:00	50.45	32	0.45	
10/27/93	09:34:00	50.44	34	0.46	
10/27/93	09:36:00	50.44	36	0.46	
10/27/93	09:38:00	50.42	38	0.48	
10/27/93	09:40:00	50.40	40	0.5	
10/27/93	09:42:00	50.40	42	0.5	
10/27/93	09:44:00	50.38	44	0.52	
10/27/93	09:46:00	50.36	46	0.54	
10/27/93	09:48:00	50.34	48	0.56	
10/27/93	09:50:00	50.30	50	0.6	
10/27/93	09:52:00	50.28	52	0.62	
10/27/93	09:54:00	50.27	54	0.63	
10/27/93	09:56:00	50.25	56	0.65	
10/27/93	09:58:00	50.23	58	0.67	
10/27/93	10:00:00	50.22	60	0.68	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/27/93	10:20:00	50.12	80	0.78	
10/27/93	10:30:00	50.07	90	0.83	
10/27/93	10:40:00	50.06	100	0.84	
10/27/93	10:50:00	49.97	110	0.93	
10/27/93	11:00:00	49.95	120	0.95	
10/27/93	11:10:00	49.93	130	0.97	
10/27/93	11:20:00	49.95	140	0.95	
10/27/93	11:30:00	49.92	150	0.98	
10/27/93	11:40:00	49.86	160	1.04	
10/27/93	11:50:00	49.81	170	1.09	
10/27/93	12:00:00	49.84	180	1.06	
10/27/93	12:10:00	49.82	190	1.08	
10/27/93	12:20:00	49.80	200	1.1	
10/27/93	12:30:00	49.81	210	1.09	
10/27/93	12:40:00	49.80	220	1.1	
10/27/93	12:50:00	49.82	230	1.08	
10/27/93	13:00:00	49.81	240	1.09	
10/27/93	13:10:00	49.78	250	1.12	
10/27/93	13:20:00	49.77	260	1.13	
10/27/93	13:30:00	49.78	270	1.12	
10/27/93	13:40:00	49.80	280	1.1	
10/27/93	13:50:00	49.83	290	1.07	
10/27/93	14:00:00	49.85	300	1.05	
10/27/93	14:10:00	49.85	310	1.05	
10/27/93	14:20:00	49.86	320	1.04	
10/27/93	14:30:00	49.87	330	1.03	
10/27/93	14:40:00	49.88	340	1.02	
10/27/93	14:50:00	49.85	350	1.05	
10/27/93	15:00:00	49.85	360	1.05	
10/27/93	15:10:00	49.83	370	1.07	
10/27/93	15:20:00	49.86	380	1.04	
10/27/93	15:30:00	49.88	390	1.02	
10/27/93	15:40:00	49.87	400	1.03	
10/27/93	15:50:00	49.84	410	1.06	
10/27/93	16:00:00	49.83	420	1.07	
10/27/93	16:10:00	49.82	430	1.08	
10/27/93	16:20:00	49.83	440	1.07	
10/27/93	16:30:00	49.83	450	1.07	
10/27/93	16:40:00	49.86	460	1.04	
10/27/93	16:50:00	49.86	470	1.04	
10/27/93	17:00:00	49.86	480	1.04	
10/27/93	17:10:00	49.86	490	1.04	
10/27/93	17:20:00	49.85	500	1.05	
10/27/93	17:30:00	49.85	510	1.05	
10/27/93	17:40:00	49.87	520	1.03	
10/27/93	17:50:00	49.84	530	1.06	
10/27/93	18:00:00	49.82	540	1.08	
10/27/93	18:10:00	49.85	550	1.05	
10/27/93	18:20:00	49.84	560	1.06	
10/27/93	18:30:00	49.84	570	1.06	
10/27/93	18:40:00	49.84	580	1.06	
10/27/93	18:50:00	49.85	590	1.05	
10/27/93	19:00:00	49.85	600	1.05	
10/27/93	19:10:00	49.84	610	1.06	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/27/93	19:20:00	49.86	620	1.04	
10/27/93	19:30:00	49.84	630	1.06	
10/27/93	19:40:00	49.86	640	1.04	
10/27/93	19:50:00	49.83	650	1.07	
10/27/93	20:00:00	49.83	660	1.07	
10/27/93	20:10:00	49.85	670	1.05	
10/27/93	20:20:00	49.83	680	1.07	
10/27/93	20:30:00	49.82	690	1.08	
10/27/93	20:40:00	49.84	700	1.06	
10/27/93	20:50:00	49.83	710	1.07	
10/27/93	21:00:00	49.84	720	1.06	
10/27/93	21:10:00	49.83	730	1.07	
10/27/93	21:20:00	49.81	740	1.09	
10/27/93	21:30:00	49.79	750	1.11	
10/27/93	21:40:00	49.79	760	1.11	
10/27/93	21:50:00	49.79	770	1.11	
10/27/93	22:00:00	49.80	780	1.1	
10/27/93	22:10:00	49.82	790	1.08	
10/27/93	22:20:00	49.80	800	1.1	
10/27/93	22:30:00	49.80	810	1.1	
10/27/93	22:40:00	49.81	820	1.09	
10/27/93	22:50:00	49.79	830	1.11	
10/27/93	23:00:00	49.80	840	1.1	
10/27/93	23:10:00	49.79	850	1.11	
10/27/93	23:20:00	49.78	860	1.12	
10/27/93	23:30:00	49.78	870	1.12	
10/27/93	23:40:00	49.80	880	1.1	
10/27/93	23:50:00	49.80	890	1.1	
10/28/93	00:00:00	49.81	900	1.09	
10/28/93	00:10:00	49.80	910	1.1	
10/28/93	00:20:00	49.81	920	1.09	
10/28/93	00:30:00	49.81	930	1.09	
10/28/93	00:40:00	49.81	940	1.09	
10/28/93	00:50:00	49.81	950	1.09	
10/28/93	01:00:00	49.80	960	1.1	
10/28/93	01:10:00	49.80	970	1.1	
10/28/93	01:20:00	49.81	980	1.09	
10/28/93	01:30:00	49.80	990	1.1	
10/28/93	01:40:00	49.78	1000	1.12	
10/28/93	01:50:00	49.79	1010	1.11	
10/28/93	02:00:00	49.78	1020	1.12	
10/28/93	02:10:00	49.78	1030	1.12	
10/28/93	02:20:00	49.78	1040	1.12	
10/28/93	02:30:00	49.79	1050	1.11	
10/28/93	02:40:00	49.78	1060	1.12	
10/28/93	02:50:00	49.80	1070	1.1	
10/28/93	03:00:00	49.80	1080	1.1	
10/28/93	03:10:00	49.80	1090	1.1	
10/28/93	03:20:00	49.79	1100	1.11	
10/28/93	03:30:00	49.79	1110	1.11	
10/28/93	03:40:00	49.82	1120	1.08	
10/28/93	03:50:00	49.81	1130	1.09	
10/28/93	04:00:00	49.80	1140	1.1	
10/28/93	04:10:00	49.80	1150	1.1	

Hermit(trn) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/28/93	04:20:00	49.81	1160	1.09	
10/28/93	04:30:00	49.81	1170	1.09	
10/28/93	04:40:00	49.82	1180	1.08	
10/28/93	04:50:00	49.83	1190	1.07	
10/28/93	05:00:00	49.85	1200	1.05	
10/28/93	05:10:00	49.84	1210	1.06	
10/28/93	05:20:00	49.85	1220	1.05	
10/28/93	05:30:00	49.85	1230	1.05	
10/28/93	05:40:00	49.86	1240	1.04	
10/28/93	05:50:00	49.86	1250	1.04	
10/28/93	06:00:00	49.88	1260	1.02	
10/28/93	06:10:00	49.89	1270	1.01	
10/28/93	06:20:00	49.89	1280	1.01	
10/28/93	06:30:00	49.88	1290	1.02	
10/28/93	06:40:00	49.87	1300	1.03	
10/28/93	06:50:00	49.87	1310	1.03	
10/28/93	07:00:00	49.86	1320	1.04	
10/28/93	07:10:00	49.86	1330	1.04	
10/28/93	07:20:00	49.85	1340	1.05	
10/28/93	07:30:00	49.86	1350	1.04	
10/28/93	07:40:00	49.84	1360	1.06	
10/28/93	07:50:00	49.85	1370	1.05	
10/28/93	08:00:00	49.82	1380	1.08	
10/28/93	08:10:00	49.83	1390	1.07	
10/28/93	08:20:00	49.82	1400	1.08	
10/28/93	08:30:00	49.81	1410	1.09	
10/28/93	08:40:00	49.81	1420	1.09	
10/28/93	08:50:00	49.81	1430	1.09	
10/28/93	09:00:00	49.81	1440	1.09	Begin Pumping at ICW-2
10/28/93	09:10:00	49.82	1450	1.08	
10/28/93	09:20:00	49.82	1460	1.08	
10/28/93	09:30:00	49.81	1470	1.09	
10/28/93	09:40:00	49.80	1480	1.1	
10/28/93	09:50:00	49.78	1490	1.12	
10/28/93	10:00:00	49.77	1500	1.13	
10/28/93	10:10:00	49.76	1510	1.14	
10/28/93	10:20:00	49.76	1520	1.14	
10/28/93	10:30:00	49.75	1530	1.15	
10/28/93	10:40:00	49.75	1540	1.15	
10/28/93	10:50:00	49.76	1550	1.14	
10/28/93	11:00:00	49.76	1560	1.14	
10/28/93	11:10:00	49.75	1570	1.15	
10/28/93	11:20:00	49.76	1580	1.14	
10/28/93	11:30:00	49.76	1590	1.14	
10/28/93	11:40:00	49.75	1600	1.15	
10/28/93	11:50:00	49.76	1610	1.14	
10/28/93	12:00:00	49.76	1620	1.14	
10/28/93	12:10:00	49.75	1630	1.15	
10/28/93	12:20:00	49.75	1640	1.15	
10/28/93	12:30:00	49.77	1650	1.13	
10/28/93	12:40:00	49.76	1660	1.14	
10/28/93	12:50:00	49.72	1670	1.18	
10/28/93	13:00:00	49.71	1680	1.19	
10/28/93	13:10:00	49.68	1690	1.22	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/28/93	13:20:00	49.72	1700	1.18	
10/28/93	13:30:00	49.77	1710	1.13	
10/28/93	13:44:00	49.74	1724	1.16	
10/28/93	13:46:00	49.75	1726	1.15	
10/28/93	13:48:00	49.75	1728	1.15	
10/28/93	13:50:00	49.76	1730	1.14	
10/28/93	13:52:00	49.75	1732	1.15	
10/28/93	13:54:00	49.75	1734	1.15	
10/28/93	13:56:00	49.74	1736	1.16	
10/28/93	13:58:00	49.74	1738	1.16	
10/28/93	14:00:00	49.72	1740	1.18	End of Pumping
10/28/93	14:02:00	49.72	1742	1.18	
10/28/93	14:04:00	49.73	1744	1.17	
10/28/93	14:06:00	49.75	1746	1.15	
10/28/93	14:08:00	49.76	1748	1.14	
10/28/93	14:10:00	49.79	1750	1.11	
10/28/93	14:12:00	49.83	1752	1.07	
10/28/93	14:14:00	49.86	1754	1.04	
10/28/93	14:16:00	49.90	1756	1	
10/28/93	14:18:00	49.93	1758	0.97	
10/28/93	14:20:00	49.95	1760	0.95	
10/28/93	14:22:00	49.99	1762	0.91	
10/28/93	14:24:00	50.02	1764	0.88	
10/28/93	14:26:00	50.05	1766	0.85	
10/28/93	14:28:00	50.08	1768	0.82	
10/28/93	14:30:00	50.10	1770	0.8	
10/28/93	14:32:00	50.14	1772	0.76	
10/28/93	14:34:00	50.16	1774	0.74	
10/28/93	14:36:00	50.19	1776	0.71	
10/28/93	14:38:00	50.22	1778	0.68	
10/28/93	14:40:00	50.25	1780	0.65	
10/28/93	14:42:00	50.25	1782	0.65	
10/28/93	14:44:00	50.27	1784	0.63	
10/28/93	14:46:00	50.29	1786	0.61	
10/28/93	14:48:00	50.32	1788	0.58	
10/28/93	14:50:00	50.32	1790	0.58	
10/28/93	14:52:00	50.33	1792	0.57	
10/28/93	14:54:00	50.33	1794	0.57	
10/28/93	14:56:00	50.32	1796	0.58	
10/28/93	14:58:00	50.58	1798	0.32	
10/28/93	15:00:00	50.32	1800	0.58	
10/28/93	15:02:00	50.37	1802	0.53	
10/28/93	15:04:00	50.55	1804	0.35	
10/28/93	15:06:00	50.39	1806	0.51	
10/28/93	15:08:00	50.31	1808	0.59	
10/28/93	15:10:00	50.41	1810	0.49	
10/28/93	15:12:00	50.44	1812	0.46	
10/28/93	15:14:00	50.45	1814	0.45	
10/28/93	15:20:00	50.46	1820	0.44	
10/28/93	15:30:00	50.59	1830	0.31	
10/28/93	15:40:00	50.65	1840	0.25	
10/28/93	15:50:00	50.69	1850	0.21	
10/28/93	16:00:00	50.70	1860	0.2	
10/28/93	16:10:00	50.69	1870	0.21	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/28/93	16:20:00	50.72	1880	0.18	
10/28/93	16:30:00	50.76	1890	0.14	
10/28/93	16:40:00	50.78	1900	0.12	
10/28/93	16:50:00	50.81	1910	0.09	
10/28/93	17:00:00	50.78	1920	0.12	
10/28/93	17:10:00	50.77	1930	0.13	
10/28/93	17:20:00	50.74	1940	0.16	
10/28/93	17:30:00	50.77	1950	0.13	
10/28/93	17:40:00	50.81	1960	0.09	
10/28/93	17:50:00	50.78	1970	0.12	
10/28/93	18:00:00	50.75	1980	0.15	
10/28/93	18:10:00	50.75	1990	0.15	
10/28/93	18:20:00	50.77	2000	0.13	
10/28/93	18:30:00	50.79	2010	0.11	
10/28/93	18:40:00	50.76	2020	0.14	
10/28/93	18:50:00	50.72	2030	0.18	
10/28/93	19:00:00	50.73	2040	0.17	
10/28/93	19:10:00	50.76	2050	0.14	
10/28/93	19:20:00	50.78	2060	0.12	
10/28/93	19:30:00	50.80	2070	0.1	
10/28/93	19:40:00	50.81	2080	0.09	
10/28/93	19:50:00	50.77	2090	0.13	
10/28/93	20:00:00	50.73	2100	0.17	
10/28/93	20:10:00	50.75	2110	0.15	
10/28/93	20:20:00	50.76	2120	0.14	
10/28/93	20:30:00	50.78	2130	0.12	
10/28/93	20:40:00	50.75	2140	0.15	
10/28/93	20:50:00	50.70	2150	0.2	
10/28/93	21:00:00	50.71	2160	0.19	
10/28/93	21:10:00	50.73	2170	0.17	
10/28/93	21:20:00	50.74	2180	0.16	
10/28/93	21:30:00	50.75	2190	0.15	
10/28/93	21:40:00	50.71	2200	0.19	
10/28/93	21:50:00	50.69	2210	0.21	
10/28/93	22:00:00	50.70	2220	0.2	
10/28/93	22:10:00	50.72	2230	0.18	
10/28/93	22:20:00	50.74	2240	0.16	
10/28/93	22:30:00	50.75	2250	0.15	
10/28/93	22:40:00	50.77	2260	0.13	
10/28/93	22:50:00	50.78	2270	0.12	
10/28/93	23:00:00	50.78	2280	0.12	
10/28/93	23:10:00	50.79	2290	0.11	
10/28/93	23:20:00	50.79	2300	0.11	
10/28/93	23:30:00	50.79	2310	0.11	
10/28/93	23:40:00	50.74	2320	0.16	
10/28/93	23:50:00	50.74	2330	0.16	
10/29/93	00:00:00	50.75	2340	0.15	
10/29/93	00:10:00	50.76	2350	0.14	
10/29/93	00:20:00	50.78	2360	0.12	
10/29/93	00:30:00	50.79	2370	0.11	
10/29/93	00:40:00	50.79	2380	0.11	
10/29/93	00:50:00	50.80	2390	0.1	
10/29/93	01:00:00	50.81	2400	0.09	
10/29/93	01:10:00	50.82	2410	0.08	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/29/93	01:20:00	50.83	2420	0.07	
10/29/93	01:30:00	50.81	2430	0.09	
10/29/93	01:40:00	50.76	2440	0.14	
10/29/93	01:50:00	50.77	2450	0.13	
10/29/93	02:00:00	50.78	2460	0.12	
10/29/93	02:10:00	50.79	2470	0.11	
10/29/93	02:20:00	50.80	2480	0.1	
10/29/93	02:30:00	50.82	2490	0.08	
10/29/93	02:40:00	50.83	2500	0.07	
10/29/93	02:50:00	50.84	2510	0.06	
10/29/93	03:00:00	50.85	2520	0.05	
10/29/93	03:10:00	50.81	2530	0.09	
10/29/93	03:20:00	50.79	2540	0.11	
10/29/93	03:30:00	50.80	2550	0.1	
10/29/93	03:40:00	50.82	2560	0.08	
10/29/93	03:50:00	50.83	2570	0.07	
10/29/93	04:00:00	50.84	2580	0.06	
10/29/93	04:10:00	50.85	2590	0.05	
10/29/93	04:20:00	50.86	2600	0.04	
10/29/93	04:30:00	50.87	2610	0.03	
10/29/93	04:40:00	50.85	2620	0.05	
10/29/93	04:50:00	50.80	2630	0.1	
10/29/93	05:00:00	50.81	2640	0.09	
10/29/93	05:10:00	50.83	2650	0.07	
10/29/93	05:20:00	50.85	2660	0.05	
10/29/93	05:30:00	50.86	2670	0.04	
10/29/93	05:40:00	50.87	2680	0.03	
10/29/93	05:50:00	50.87	2690	0.03	
10/29/93	06:00:00	50.88	2700	0.02	
10/29/93	06:10:00	50.89	2710	0.01	
10/29/93	06:20:00	50.89	2720	0.01	
10/29/93	06:30:00	50.83	2730	0.07	
10/29/93	06:40:00	50.82	2740	0.08	
10/29/93	06:50:00	50.82	2750	0.08	
10/29/93	07:00:00	50.84	2760	0.06	
10/29/93	07:10:00	50.84	2770	0.06	
10/29/93	07:20:00	50.72	2780	0.18	
10/29/93	07:30:00	50.52	2790	0.38	
10/29/93	07:40:00	50.34	2800	0.56	
10/29/93	07:50:00	50.26	2810	0.64	
10/29/93	08:00:00	50.19	2820	0.71	
10/29/93	08:10:00	50.20	2830	0.7	
10/29/93	08:20:00	50.21	2840	0.69	
10/29/93	08:30:00	50.23	2850	0.67	
10/29/93	08:40:00	50.24	2860	0.66	
10/29/93	08:50:00	50.24	2870	0.66	
10/29/93	09:00:00	50.25	2880	0.65	
10/29/93	09:10:00	50.26	2890	0.64	
10/29/93	09:20:00	50.25	2900	0.65	
10/29/93	09:30:00	50.18	2910	0.72	
10/29/93	09:40:00	50.18	2920	0.72	
10/29/93	09:50:00	50.20	2930	0.7	
10/29/93	10:00:00	50.21	2940	0.69	
10/29/93	10:10:00	50.22	2950	0.68	

Hermit(tm) Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (feet)	Comments
10/29/93	10:20:00	50.24	2960	0.66	
10/29/93	10:30:00	50.25	2970	0.65	
10/29/93	10:40:00	50.26	2980	0.64	
10/29/93	10:50:00	50.26	2990	0.64	

Visual Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Comments
10/20/93	19:00	50.37	
10/22/93	18:30	50.77	
10/26/93	10:55	51.07	
10/26/93	16:32	51.12	
10/26/93	17:40	51.13	
10/26/93	18:28	51.03	
10/26/93	18:37	50.89	
10/27/93	07:40	51.02	
10/27/93	09:07	50.80	
10/27/93	09:17	50.58	
10/27/93	09:29	50.46	
10/27/93	09:49	50.30	
10/27/93	10:01	50.17	
10/27/93	10:25	50.09	
10/27/93	10:40	50.05	
10/27/93	10:55	49.94	
10/27/93	11:21	49.94	
10/27/93	11:47	49.81	
10/27/93	12:02	49.84	
10/27/93	12:35	49.79	
10/27/93	12:55	49.83	
10/27/93	13:20	49.77	
10/27/93	13:51	49.84	
10/27/93	14:40	49.87	
10/27/93	15:07	49.83	
10/27/93	15:33	49.88	
10/27/93	16:18	49.84	
10/27/93	16:04	49.81	
10/27/93	17:34	49.86	
10/27/93	19:17	49.86	
10/27/93	20:53	49.84	
10/27/93	21:35	49.78	
10/27/93	22:07	49.81	
10/27/93	23:20	49.78	
10/28/93	00:43	49.81	
10/28/93	02:11	49.77	
10/28/93	04:23	49.81	
10/28/93	05:52	49.83	
10/28/93	07:40	49.85	
10/28/93	08:35	49.80	Begin Pumping at ICW-2 @ 09:00:00
10/28/93	09:12	49.83	
10/28/93	13:11	49.66	
10/28/93	14:05	49.94	End Pumping @ 14:00:00
10/28/93	14:16	49.94	
10/28/93	14:25	50.08	
10/28/93	14:37	50.24	
10/28/93	14:56	50.37	
10/28/93	15:12	50.46	
10/28/93	15:27	50.57	
10/28/93	15:45	50.67	
10/28/93	16:10	50.75	
10/28/93	16:40	50.78	
10/28/93	17:27	50.77	
10/28/93	17:57	50.64	

Visual Ground Water Level Measurements
Upper Production Zone APT
IPW-1

Date	Time	Water-Level Elevation (feet)	Comments
10/28/93	18:49	50.73	
10/29/93	10:52	50.29	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/25/93	13:00:00	50.91	Pre-Test	Pre-Test	
10/25/93	13:15:00	50.89	Pre-Test	Pre-Test	
10/25/93	13:30:00	50.89	Pre-Test	Pre-Test	
10/25/93	13:45:00	50.92	Pre-Test	Pre-Test	
10/25/93	14:00:00	50.93	Pre-Test	Pre-Test	
10/25/93	14:15:00	50.94	Pre-Test	Pre-Test	
10/25/93	14:30:00	50.95	Pre-Test	Pre-Test	
10/25/93	14:45:00	50.96	Pre-Test	Pre-Test	
10/25/93	15:00:00	50.96	Pre-Test	Pre-Test	
10/25/93	15:15:00	50.97	Pre-Test	Pre-Test	
10/25/93	15:30:00	50.98	Pre-Test	Pre-Test	
10/25/93	15:45:00	50.99	Pre-Test	Pre-Test	
10/25/93	16:00:00	51.00	Pre-Test	Pre-Test	
10/25/93	16:15:00	50.97	Pre-Test	Pre-Test	
10/25/93	16:30:00	49.27	Pre-Test	Pre-Test	
10/25/93	16:45:00	48.66	Pre-Test	Pre-Test	
10/25/93	17:00:00	48.40	Pre-Test	Pre-Test	
10/25/93	17:15:00	48.33	Pre-Test	Pre-Test	
10/25/93	17:30:00	48.79	Pre-Test	Pre-Test	
10/25/93	17:45:00	50.33	Pre-Test	Pre-Test	
10/25/93	18:00:00	50.55	Pre-Test	Pre-Test	
10/25/93	18:15:00	50.69	Pre-Test	Pre-Test	
10/25/93	18:30:00	50.80	Pre-Test	Pre-Test	
10/25/93	18:45:00	50.84	Pre-Test	Pre-Test	
10/25/93	19:00:00	50.86	Pre-Test	Pre-Test	
10/25/93	19:15:00	50.88	Pre-Test	Pre-Test	
10/25/93	19:30:00	50.89	Pre-Test	Pre-Test	
10/25/93	19:45:00	50.89	Pre-Test	Pre-Test	
10/25/93	20:00:00	50.90	Pre-Test	Pre-Test	
10/25/93	20:15:00	50.91	Pre-Test	Pre-Test	
10/25/93	20:30:00	50.91	Pre-Test	Pre-Test	
10/25/93	20:45:00	50.91	Pre-Test	Pre-Test	
10/25/93	21:00:00	50.91	Pre-Test	Pre-Test	
10/25/93	21:15:00	50.91	Pre-Test	Pre-Test	
10/25/93	21:30:00	50.91	Pre-Test	Pre-Test	
10/25/93	21:45:00	50.91	Pre-Test	Pre-Test	
10/25/93	22:00:00	50.91	Pre-Test	Pre-Test	
10/25/93	22:15:00	50.91	Pre-Test	Pre-Test	
10/25/93	22:30:00	50.91	Pre-Test	Pre-Test	
10/25/93	22:45:00	50.91	Pre-Test	Pre-Test	
10/25/93	23:00:00	50.91	Pre-Test	Pre-Test	
10/25/93	23:15:00	50.91	Pre-Test	Pre-Test	
10/25/93	23:30:00	50.92	Pre-Test	Pre-Test	
10/25/93	23:45:00	50.92	Pre-Test	Pre-Test	
10/26/93	00:00:00	50.93	Pre-Test	Pre-Test	
10/26/93	00:15:00	50.92	Pre-Test	Pre-Test	
10/26/93	00:30:00	50.92	Pre-Test	Pre-Test	
10/26/93	00:45:00	50.93	Pre-Test	Pre-Test	
10/26/93	01:00:00	50.93	Pre-Test	Pre-Test	
10/26/93	01:15:00	50.94	Pre-Test	Pre-Test	
10/26/93	01:30:00	50.94	Pre-Test	Pre-Test	
10/26/93	01:45:00	50.95	Pre-Test	Pre-Test	
10/26/93	02:00:00	50.96	Pre-Test	Pre-Test	
10/26/93	02:15:00	50.96	Pre-Test	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/26/93	02:30:00	50.98	Pre-Test	Pre-Test	
10/26/93	02:45:00	50.98	Pre-Test	Pre-Test	
10/26/93	03:00:00	50.99	Pre-Test	Pre-Test	
10/26/93	03:15:00	51.00	Pre-Test	Pre-Test	
10/26/93	03:30:00	51.00	Pre-Test	Pre-Test	
10/26/93	03:45:00	51.00	Pre-Test	Pre-Test	
10/26/93	04:00:00	51.00	Pre-Test	Pre-Test	
10/26/93	04:15:00	51.00	Pre-Test	Pre-Test	
10/26/93	04:30:00	51.00	Pre-Test	Pre-Test	
10/26/93	04:45:00	51.00	Pre-Test	Pre-Test	
10/26/93	05:00:00	51.00	Pre-Test	Pre-Test	
10/26/93	05:15:00	51.00	Pre-Test	Pre-Test	
10/26/93	05:30:00	51.00	Pre-Test	Pre-Test	
10/26/93	05:45:00	51.00	Pre-Test	Pre-Test	
10/26/93	06:00:00	50.99	Pre-Test	Pre-Test	
10/26/93	06:15:00	50.99	Pre-Test	Pre-Test	
10/26/93	06:30:00	50.99	Pre-Test	Pre-Test	
10/26/93	06:45:00	50.98	Pre-Test	Pre-Test	
10/26/93	07:00:00	50.98	Pre-Test	Pre-Test	
10/26/93	07:15:00	50.98	Pre-Test	Pre-Test	
10/26/93	07:30:00	50.98	Pre-Test	Pre-Test	
10/26/93	07:45:00	50.97	Pre-Test	Pre-Test	
10/26/93	08:00:00	50.96	Pre-Test	Pre-Test	
10/26/93	08:15:00	50.95	Pre-Test	Pre-Test	
10/26/93	08:30:00	50.94	Pre-Test	Pre-Test	
10/26/93	08:45:00	50.94	Pre-Test	Pre-Test	
10/26/93	09:00:00	50.93	Pre-Test	Pre-Test	
10/26/93	09:15:00	50.93	Pre-Test	Pre-Test	
10/26/93	09:30:00	50.92	Pre-Test	Pre-Test	
10/26/93	09:45:00	50.91	Pre-Test	Pre-Test	
10/26/93	10:00:00	50.90	Pre-Test	Pre-Test	
10/26/93	10:15:00	50.90	Pre-Test	Pre-Test	
10/26/93	10:30:00	50.92	Pre-Test	Pre-Test	
10/26/93	10:45:00	50.92	Pre-Test	Pre-Test	
10/26/93	11:00:00	50.91	Pre-Test	Pre-Test	
10/26/93	11:15:00	50.91	Pre-Test	Pre-Test	
10/26/93	11:30:00	50.90	Pre-Test	Pre-Test	
10/26/93	11:45:00	50.93	Pre-Test	Pre-Test	
10/26/93	12:00:00	50.89	Pre-Test	Pre-Test	
10/26/93	12:15:00	50.89	Pre-Test	Pre-Test	
10/26/93	12:30:00	50.91	Pre-Test	Pre-Test	
10/26/93	12:45:00	50.92	Pre-Test	Pre-Test	
10/26/93	13:00:00	50.91	Pre-Test	Pre-Test	
10/26/93	13:15:00	50.93	Pre-Test	Pre-Test	
10/26/93	13:30:00	50.93	Pre-Test	Pre-Test	
10/26/93	13:45:00	50.95	Pre-Test	Pre-Test	
10/26/93	14:00:00	50.96	Pre-Test	Pre-Test	
10/26/93	14:15:00	50.96	Pre-Test	Pre-Test	
10/26/93	14:30:00	50.96	Pre-Test	Pre-Test	
10/26/93	15:30:00	50.92	Pre-Test	Pre-Test	
10/26/93	15:55:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:00:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:05:00	50.95	Pre-Test	Pre-Test	
10/26/93	16:10:00	50.93	Pre-Test	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW--2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/26/93	16:15:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:20:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:25:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:30:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:35:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:40:00	50.92	Pre-Test	Pre-Test	
10/26/93	16:45:00	50.91	Pre-Test	Pre-Test	
10/26/93	16:50:00	50.91	Pre-Test	Pre-Test	
10/26/93	16:55:00	50.92	Pre-Test	Pre-Test	
10/26/93	17:00:00	50.92	Pre-Test	Pre-Test	
10/26/93	17:05:00	50.93	Pre-Test	Pre-Test	
10/26/93	17:10:00	50.93	Pre-Test	Pre-Test	
10/26/93	17:15:00	50.94	Pre-Test	Pre-Test	
10/26/93	17:20:00	50.97	Pre-Test	Pre-Test	
10/26/93	17:25:00	50.95	Pre-Test	Pre-Test	
10/26/93	17:30:00	50.96	Pre-Test	Pre-Test	
10/26/93	17:35:00	50.97	Pre-Test	Pre-Test	
10/26/93	17:40:00	50.93	Pre-Test	Pre-Test	
10/26/93	17:45:00	51.00	Pre-Test	Pre-Test	
10/26/93	17:50:00	50.98	Pre-Test	Pre-Test	
10/26/93	17:55:00	50.97	Pre-Test	Pre-Test	
10/26/93	18:00:00	50.97	Pre-Test	Pre-Test	
10/26/93	18:05:00	50.96	Pre-Test	Pre-Test	
10/26/93	18:10:00	50.95	Pre-Test	Pre-Test	
10/26/93	18:18:01	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:01	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:02	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:02	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:03	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:04	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:04	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:05	50.94	Pre-Test	Pre-Test	
10/26/93	18:18:05	50.93	Pre-Test	Pre-Test	
10/26/93	18:18:06	50.93	Pre-Test	Pre-Test	
10/26/93	18:18:12	50.91	Pre-Test	Pre-Test	
10/26/93	18:18:18	50.87	Pre-Test	Pre-Test	
10/26/93	18:18:24	50.84	Pre-Test	Pre-Test	
10/26/93	18:18:30	50.79	Pre-Test	Pre-Test	
10/26/93	18:18:36	50.74	Pre-Test	Pre-Test	
10/26/93	18:18:42	50.71	Pre-Test	Pre-Test	
10/26/93	18:18:48	50.67	Pre-Test	Pre-Test	
10/26/93	18:18:54	50.62	Pre-Test	Pre-Test	
10/26/93	18:19:00	50.59	Pre-Test	Pre-Test	
10/26/93	18:20:00	50.27	Pre-Test	Pre-Test	
10/26/93	18:21:00	50.04	Pre-Test	Pre-Test	
10/26/93	18:22:00	49.84	Pre-Test	Pre-Test	
10/26/93	18:23:00	49.68	Pre-Test	Pre-Test	
10/26/93	18:24:00	49.54	Pre-Test	Pre-Test	
10/26/93	18:25:00	49.43	Pre-Test	Pre-Test	
10/26/93	18:26:00	49.33	Pre-Test	Pre-Test	
10/26/93	18:27:00	49.24	Pre-Test	Pre-Test	
10/26/93	18:28:00	49.17	Pre-Test	Pre-Test	
10/26/93	18:38:00	48.68	Pre-Test	Pre-Test	
10/26/93	20:50:00	50.84	Pre-Test	Pre-Test	

Stevens Recorder Ground Water Level Measurements
 Upper Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/26/93	21:00:00	50.90	Pre-Test	Pre-Test	
10/26/93	21:10:00	50.86	Pre-Test	Pre-Test	
10/26/93	21:20:00	50.84	Pre-Test	Pre-Test	
10/26/93	21:30:00	50.84	Pre-Test	Pre-Test	
10/26/93	21:40:00	50.83	Pre-Test	Pre-Test	
10/26/93	21:50:00	50.83	Pre-Test	Pre-Test	
10/26/93	22:00:00	50.82	Pre-Test	Pre-Test	
10/26/93	22:10:00	50.82	Pre-Test	Pre-Test	
10/26/93	22:20:00	50.81	Pre-Test	Pre-Test	
10/26/93	22:30:00	50.81	Pre-Test	Pre-Test	
10/26/93	22:40:00	50.81	Pre-Test	Pre-Test	
10/26/93	22:50:00	50.81	Pre-Test	Pre-Test	
10/26/93	23:00:00	50.81	Pre-Test	Pre-Test	
10/26/93	23:10:00	50.82	Pre-Test	Pre-Test	
10/26/93	23:20:00	50.82	Pre-Test	Pre-Test	
10/26/93	23:30:00	50.82	Pre-Test	Pre-Test	
10/26/93	23:40:00	50.81	Pre-Test	Pre-Test	
10/26/93	23:50:00	50.81	Pre-Test	Pre-Test	
10/27/93	00:00:00	50.81	Pre-Test	Pre-Test	
10/27/93	00:10:00	50.81	Pre-Test	Pre-Test	
10/27/93	00:20:00	50.81	Pre-Test	Pre-Test	
10/27/93	00:30:00	50.82	Pre-Test	Pre-Test	
10/27/93	00:40:00	50.82	Pre-Test	Pre-Test	
10/27/93	00:50:00	50.82	Pre-Test	Pre-Test	
10/27/93	01:00:00	50.82	Pre-Test	Pre-Test	
10/27/93	01:10:00	50.83	Pre-Test	Pre-Test	
10/27/93	01:20:00	50.84	Pre-Test	Pre-Test	
10/27/93	01:30:00	50.85	Pre-Test	Pre-Test	
10/27/93	01:40:00	50.86	Pre-Test	Pre-Test	
10/27/93	01:50:00	50.86	Pre-Test	Pre-Test	
10/27/93	02:00:00	50.86	Pre-Test	Pre-Test	
10/27/93	02:10:00	50.87	Pre-Test	Pre-Test	
10/27/93	02:20:00	50.87	Pre-Test	Pre-Test	
10/27/93	02:30:00	50.87	Pre-Test	Pre-Test	
10/27/93	02:40:00	50.87	Pre-Test	Pre-Test	
10/27/93	02:50:00	50.87	Pre-Test	Pre-Test	
10/27/93	03:00:00	50.87	Pre-Test	Pre-Test	
10/27/93	03:10:00	50.88	Pre-Test	Pre-Test	
10/27/93	03:20:00	50.88	Pre-Test	Pre-Test	
10/27/93	03:30:00	50.89	Pre-Test	Pre-Test	
10/27/93	03:40:00	50.89	Pre-Test	Pre-Test	
10/27/93	03:50:00	50.89	Pre-Test	Pre-Test	
10/27/93	04:00:00	50.90	Pre-Test	Pre-Test	
10/27/93	04:10:00	50.90	Pre-Test	Pre-Test	
10/27/93	04:20:00	50.90	Pre-Test	Pre-Test	
10/27/93	04:30:00	50.91	Pre-Test	Pre-Test	
10/27/93	04:40:00	50.91	Pre-Test	Pre-Test	
10/27/93	04:50:00	50.91	Pre-Test	Pre-Test	
10/27/93	05:00:00	50.91	Pre-Test	Pre-Test	
10/27/93	05:10:00	50.91	Pre-Test	Pre-Test	
10/27/93	05:20:00	50.90	Pre-Test	Pre-Test	
10/27/93	05:30:00	50.90	Pre-Test	Pre-Test	
10/27/93	05:40:00	50.91	Pre-Test	Pre-Test	
10/27/93	05:50:00	50.90	Pre-Test	Pre-Test	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/27/93	06:00:00	50.90	Pre-Test	Pre-Test	
10/27/93	06:10:00	50.90	Pre-Test	Pre-Test	
10/27/93	06:20:00	50.89	Pre-Test	Pre-Test	
10/27/93	06:30:00	50.89	Pre-Test	Pre-Test	
10/27/93	06:40:00	50.89	Pre-Test	Pre-Test	
10/27/93	06:50:00	50.88	Pre-Test	Pre-Test	
10/27/93	07:00:00	50.88	Pre-Test	Pre-Test	
10/27/93	07:10:00	50.87	Pre-Test	Pre-Test	
10/27/93	07:20:00	50.87	Pre-Test	Pre-Test	
10/27/93	07:30:00	50.87	Pre-Test	Pre-Test	
10/27/93	07:40:00	50.86	Pre-Test	Pre-Test	
10/27/93	07:50:00	50.81	Pre-Test	Pre-Test	
10/27/93	08:00:00	50.86	Pre-Test	Pre-Test	
10/27/93	08:10:00	50.87	Pre-Test	Pre-Test	
10/27/93	08:20:00	50.84	Pre-Test	Pre-Test	
10/27/93	08:30:00	50.82	Pre-Test	Pre-Test	
10/27/93	08:40:00	50.81	Pre-Test	Pre-Test	
10/27/93	08:45:00	50.78	Pre-Test	Pre-Test	
10/27/93	08:50:00	50.81	Pre-Test	Pre-Test	
10/27/93	08:55:00	50.80	Pre-Test	Pre-Test	
10/27/93	09:00:00	50.81	Pre-Test	Pre-Test	
10/27/93	09:00:01	50.81	0.0166666	0.00	Begin Pumping at ICW-2
10/27/93	09:00:02	50.80	0.0333333	0.01	
10/27/93	09:00:03	50.81	0.0500000	0.00	
10/27/93	09:00:04	50.81	0.0666666	0.00	
10/27/93	09:00:05	50.81	0.0833333	0.00	
10/27/93	09:00:06	50.81	0.1000000	0.00	
10/27/93	09:00:07	50.81	0.1166666	0.00	
10/27/93	09:00:08	50.81	0.1333333	0.00	
10/27/93	09:00:09	50.80	0.1500000	0.01	
10/27/93	09:00:10	50.81	0.1666666	0.00	
10/27/93	09:00:11	50.79	0.1833333	0.02	
10/27/93	09:00:12	50.79	0.2000000	0.02	
10/27/93	09:00:13	50.79	0.2166666	0.02	
10/27/93	09:00:14	50.79	0.2333333	0.02	
10/27/93	09:00:15	50.78	0.2499999	0.03	
10/27/93	09:00:16	50.77	0.2666666	0.04	
10/27/93	09:00:17	50.77	0.2833333	0.04	
10/27/93	09:00:18	50.76	0.2999999	0.05	
10/27/93	09:00:19	50.75	0.3166666	0.06	
10/27/93	09:00:20	50.74	0.3333333	0.07	
10/27/93	09:00:21	50.74	0.3499999	0.07	
10/27/93	09:00:22	50.73	0.3666666	0.08	
10/27/93	09:00:23	50.72	0.3833333	0.09	
10/27/93	09:00:24	50.71	0.3999999	0.10	
10/27/93	09:00:25	50.71	0.4166666	0.10	
10/27/93	09:00:26	50.70	0.4333333	0.11	
10/27/93	09:00:27	50.69	0.4500000	0.12	
10/27/93	09:00:28	50.69	0.4666666	0.12	
10/27/93	09:00:29	50.68	0.4833333	0.13	
10/27/93	09:00:30	50.67	0.5000000	0.14	
10/27/93	09:00:31	50.67	0.5166666	0.14	
10/27/93	09:00:32	50.65	0.5333333	0.16	
10/27/93	09:00:33	50.65	0.5500000	0.16	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW--2

Date	Time	Water—Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/27/93	09:00:34	50.64	0.5666666	0.17	
10/27/93	09:00:35	50.63	0.5833333	0.18	
10/27/93	09:00:36	50.64	0.6000000	0.17	
10/27/93	09:00:37	50.63	0.6166666	0.18	
10/27/93	09:00:38	50.62	0.6333333	0.19	
10/27/93	09:00:39	50.61	0.6499999	0.20	
10/27/93	09:00:40	50.60	0.6666666	0.21	
10/27/93	09:00:41	50.59	0.6833333	0.22	
10/27/93	09:00:42	50.59	0.6999999	0.22	
10/27/93	09:00:43	50.58	0.7166666	0.23	
10/27/93	09:00:44	50.57	0.7333333	0.24	
10/27/93	09:00:45	50.57	0.7499999	0.24	
10/27/93	09:00:46	50.56	0.7666666	0.25	
10/27/93	09:00:47	50.55	0.7833333	0.26	
10/27/93	09:00:48	50.55	0.7999999	0.26	
10/27/93	09:00:49	50.54	0.8166666	0.27	
10/27/93	09:00:50	50.54	0.8333333	0.27	
10/27/93	09:00:51	50.52	0.8499999	0.29	
10/27/93	09:00:52	50.52	0.8666666	0.29	
10/27/93	09:00:53	50.51	0.8833333	0.30	
10/27/93	09:00:54	50.51	0.9000000	0.30	
10/27/93	09:00:55	50.50	0.9166666	0.31	
10/27/93	09:00:56	50.50	0.9333333	0.31	
10/27/93	09:00:57	50.49	0.9500000	0.32	
10/27/93	09:00:58	50.48	0.9666666	0.33	
10/27/93	09:00:59	50.48	0.9833333	0.33	
10/27/93	09:01:00	50.47	1.0000000	0.34	
10/27/93	09:01:10	50.42	1.1666666	0.39	
10/27/93	09:01:20	50.37	1.3333333	0.44	
10/27/93	09:01:30	50.32	1.5000000	0.49	
10/27/93	09:01:40	50.27	1.6666666	0.54	
10/27/93	09:01:50	50.21	1.8333333	0.60	
10/27/93	09:02:00	50.18	1.9999999	0.63	
10/27/93	09:02:10	50.13	2.1666666	0.68	
10/27/93	09:02:20	50.10	2.3333333	0.71	
10/27/93	09:02:30	50.06	2.4999999	0.75	
10/27/93	09:02:40	50.03	2.6666666	0.78	
10/27/93	09:02:50	49.99	2.8333333	0.82	
10/27/93	09:03:00	49.96	2.9999999	0.85	
10/27/93	09:03:10	49.92	3.1666666	0.89	
10/27/93	09:03:20	49.89	3.3333333	0.92	
10/27/93	09:03:30	49.86	3.5000000	0.95	
10/27/93	09:03:40	49.83	3.6666666	0.98	
10/27/93	09:03:50	49.81	3.8333333	1.00	
10/27/93	09:04:00	49.77	4.0000000	1.04	
10/27/93	09:04:10	49.75	4.1666666	1.06	
10/27/93	09:04:20	49.72	4.3333333	1.09	
10/27/93	09:04:30	49.70	4.5000000	1.11	
10/27/93	09:04:40	49.68	4.6666666	1.13	
10/27/93	09:04:50	49.66	4.8333333	1.15	
10/27/93	09:05:00	49.63	4.9999999	1.18	
10/27/93	09:06:00	49.51	5.9999999	1.30	
10/27/93	09:07:00	49.41	7.0000000	1.40	
10/27/93	09:08:00	49.33	8.0000000	1.48	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/27/93	09:09:00	49.25	8.9999999	1.56	
10/27/93	09:10:00	49.18	10.000000	1.63	
10/27/93	09:11:00	49.12	11.000000	1.69	
10/27/93	09:12:00	49.06	11.999999	1.75	
10/27/93	09:13:00	49.00	13.000000	1.81	
10/27/93	09:14:00	48.98	14.000000	1.83	
10/27/93	09:15:00	48.95	14.999999	1.86	
10/27/93	09:16:00	48.89	15.999999	1.92	
10/27/93	09:17:00	48.86	17.000000	1.95	
10/27/93	09:18:00	48.81	17.999999	2.00	
10/27/93	09:19:00	48.78	18.999999	2.03	
10/27/93	09:20:00	48.75	20.000000	2.06	
10/27/93	09:21:00	48.72	20.999999	2.09	
10/27/93	09:22:00	48.69	21.999999	2.12	
10/27/93	09:23:00	48.67	23.000000	2.14	
10/27/93	09:24:00	48.64	24.000000	2.17	
10/27/93	09:25:00	48.61	24.999999	2.20	
10/27/93	09:26:00	48.58	26.000000	2.23	
10/27/93	09:27:00	48.57	27.000000	2.24	
10/27/93	09:28:00	48.54	27.999999	2.27	
10/27/93	09:29:00	48.52	29	2.29	
10/27/93	09:30:00	48.49	30.000000	2.32	
10/27/93	09:31:00	48.48	30.999999	2.33	
10/27/93	09:32:00	48.46	32	2.35	
10/27/93	09:33:00	48.44	33.000000	2.37	
10/27/93	09:34:00	48.43	33.999999	2.38	
10/27/93	09:35:00	48.41	34.999999	2.40	
10/27/93	09:36:00	48.40	36.000000	2.41	
10/27/93	09:37:00	48.38	36.999999	2.43	
10/27/93	09:40:00	48.30	40.000000	2.51	
10/27/93	09:45:00	48.27	45	2.54	
10/27/93	09:50:00	48.27	49.999999	2.54	
10/27/93	09:55:00	48.20	55.000000	2.61	
10/27/93	10:00:00	48.17	59.999999	2.64	
10/27/93	10:05:00	48.13	65.000000	2.68	
10/27/93	10:10:00	48.11	69.999999	2.70	
10/27/93	10:15:00	48.08	75.000000	2.73	
10/27/93	10:20:00	48.07	79.999999	2.74	
10/27/93	10:25:00	48.05	85.000000	2.76	
10/27/93	10:30:00	48.03	90	2.78	
10/27/93	10:35:00	48.02	94.999999	2.79	
10/27/93	10:40:00	48.02	100.00000	2.79	
10/27/93	10:45:00	47.98	104.99999	2.83	
10/27/93	10:50:00	47.96	110.00000	2.85	
10/27/93	10:55:00	47.96	114.99999	2.85	
10/27/93	11:00:00	47.90	120.00000	2.91	
10/27/93	11:10:00	47.95	130	2.86	
10/27/93	11:20:00	47.91	140	2.90	
10/27/93	11:30:00	47.88	150	2.93	
10/27/93	11:40:00	47.91	160	2.90	
10/27/93	11:50:00	47.88	170	2.93	
10/27/93	12:00:00	47.86	180	2.95	
10/27/93	12:10:00	47.88	190	2.93	
10/27/93	12:20:00	47.88	200	2.93	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/27/93	12:30:00	47.86	210	2.95	
10/27/93	12:40:00	47.86	220	2.95	
10/27/93	12:50:00	47.85	230	2.96	
10/27/93	13:00:00	47.87	240	2.94	
10/27/93	13:10:00	47.86	250	2.95	
10/27/93	13:20:00	47.87	260	2.94	
10/27/93	13:30:00	47.86	270	2.95	
10/27/93	13:40:00	47.85	280	2.96	
10/27/93	13:50:00	47.89	290	2.92	
10/27/93	14:00:00	47.88	300	2.93	
10/27/93	14:10:00	47.88	310	2.93	
10/27/93	14:20:00	47.88	320	2.93	
10/27/93	14:30:00	47.88	330	2.93	
10/27/93	14:40:00	47.88	340	2.93	
10/27/93	14:50:00	47.89	350	2.92	
10/27/93	15:00:00	47.89	360	2.92	
10/27/93	15:10:00	47.90	370	2.91	
10/27/93	15:20:00	47.90	380	2.91	
10/27/93	15:30:00	47.91	390	2.90	
10/27/93	15:40:00	47.90	400	2.91	
10/27/93	15:50:00	47.90	410	2.91	
10/27/93	16:00:00	47.91	420	2.90	
10/27/93	16:10:00	47.91	430	2.90	
10/27/93	16:20:00	47.90	440	2.91	
10/27/93	16:30:00	47.90	450	2.91	
10/27/93	16:40:00	47.90	460	2.91	
10/27/93	16:50:00	47.90	470	2.91	
10/27/93	17:00:00	47.90	480	2.91	
10/27/93	17:10:00	47.90	490	2.91	
10/27/93	17:20:00	47.88	500	2.93	
10/27/93	17:30:00	47.88	510	2.93	
10/27/93	17:40:00	47.89	520	2.92	
10/27/93	17:50:00	47.89	530	2.92	
10/27/93	18:00:00	47.88	540	2.93	
10/27/93	18:10:00	47.88	550	2.93	
10/27/93	18:20:00	47.86	560	2.95	
10/27/93	18:30:00	47.86	570	2.95	
10/27/93	18:40:00	47.86	580	2.95	
10/27/93	18:50:00	47.86	590	2.95	
10/27/93	19:00:00	47.88	600	2.93	
10/27/93	19:10:00	47.89	610	2.92	
10/27/93	19:20:00	47.90	620	2.91	
10/27/93	19:30:00	47.90	630	2.91	
10/27/93	19:40:00	47.89	640	2.92	
10/27/93	19:50:00	47.89	650	2.92	
10/27/93	20:00:00	47.88	660	2.93	
10/27/93	20:10:00	47.88	670	2.93	
10/27/93	20:20:00	47.88	680	2.93	
10/27/93	20:30:00	47.87	690	2.94	
10/27/93	20:40:00	47.88	700	2.93	
10/27/93	20:50:00	47.86	710	2.95	
10/27/93	21:00:00	47.86	720	2.95	
10/27/93	21:10:00	47.86	730	2.95	
10/27/93	21:20:00	47.86	740	2.95	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/27/93	21:30:00	47.85	750	2.96	
10/27/93	21:40:00	47.86	760	2.95	
10/27/93	21:50:00	47.85	770	2.96	
10/27/93	22:00:00	47.86	780	2.95	
10/27/93	22:10:00	47.85	790	2.96	
10/27/93	22:20:00	47.85	800	2.96	
10/27/93	22:30:00	47.85	810	2.96	
10/27/93	22:40:00	47.85	820	2.96	
10/27/93	22:50:00	47.85	830	2.96	
10/27/93	23:00:00	47.86	840	2.95	
10/27/93	23:10:00	47.85	850	2.96	
10/27/93	23:20:00	47.85	860	2.96	
10/27/93	23:30:00	47.85	870	2.96	
10/27/93	23:40:00	47.85	880	2.96	
10/27/93	23:50:00	47.85	890	2.96	
10/28/93	00:00:00	47.86	900	2.95	
10/28/93	00:10:00	47.86	910	2.95	
10/28/93	00:20:00	47.86	920	2.95	
10/28/93	00:30:00	47.87	930	2.94	
10/28/93	00:40:00	47.87	940	2.94	
10/28/93	00:50:00	47.88	950	2.93	
10/28/93	01:00:00	47.87	960	2.94	
10/28/93	01:10:00	47.88	970	2.93	
10/28/93	01:20:00	47.88	980	2.93	
10/28/93	01:30:00	47.88	990	2.93	
10/28/93	01:40:00	47.88	1000	2.93	
10/28/93	01:50:00	47.89	1010	2.92	
10/28/93	02:00:00	47.90	1020	2.91	
10/28/93	02:10:00	47.90	1030	2.91	
10/28/93	02:20:00	47.90	1040	2.91	
10/28/93	02:30:00	47.90	1050	2.91	
10/28/93	02:40:00	47.90	1060	2.91	
10/28/93	02:50:00	47.90	1070	2.91	
10/28/93	03:00:00	47.91	1080	2.90	
10/28/93	03:10:00	47.91	1090	2.90	
10/28/93	03:20:00	47.91	1100	2.90	
10/28/93	03:30:00	47.92	1110	2.89	
10/28/93	03:40:00	47.93	1120	2.88	
10/28/93	03:50:00	47.93	1130	2.88	
10/28/93	04:00:00	47.93	1140	2.88	
10/28/93	04:10:00	47.92	1150	2.89	
10/28/93	04:20:00	47.92	1160	2.89	
10/28/93	04:30:00	47.93	1170	2.88	
10/28/93	04:40:00	47.93	1180	2.88	
10/28/93	04:50:00	47.93	1190	2.88	
10/28/93	05:00:00	47.94	1200	2.87	
10/28/93	05:10:00	47.94	1210	2.87	
10/28/93	05:20:00	47.94	1220	2.87	
10/28/93	05:30:00	47.94	1230	2.87	
10/28/93	05:40:00	47.93	1240	2.88	
10/28/93	05:50:00	47.93	1250	2.88	
10/28/93	06:00:00	47.94	1260	2.87	
10/28/93	06:10:00	47.94	1270	2.87	
10/28/93	06:20:00	47.93	1280	2.88	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/28/93	06:30:00	47.92	1290	2.89	
10/28/93	06:40:00	47.91	1300	2.90	
10/28/93	06:50:00	47.91	1310	2.90	
10/28/93	07:00:00	47.90	1320	2.91	
10/28/93	07:10:00	47.90	1330	2.91	
10/28/93	07:20:00	47.90	1340	2.91	
10/28/93	07:30:00	47.90	1350	2.91	
10/28/93	07:40:00	47.90	1360	2.91	
10/28/93	07:50:00	47.90	1370	2.91	
10/28/93	08:00:00	47.90	1380	2.91	
10/28/93	08:10:00	47.89	1390	2.92	
10/28/93	08:20:00	47.88	1400	2.93	
10/28/93	08:30:00	47.88	1410	2.93	
10/28/93	08:40:00	47.88	1420	2.93	
10/28/93	08:50:00	47.86	1430	2.95	
10/28/93	09:00:00	47.86	1440	2.95	
10/28/93	09:10:00	47.85	1450	2.96	
10/28/93	09:20:00	47.85	1460	2.96	
10/28/93	09:30:00	47.85	1470	2.96	
10/28/93	09:40:00	47.84	1480	2.97	
10/28/93	09:50:00	47.83	1490	2.98	
10/28/93	10:00:00	47.81	1500	3.00	
10/28/93	10:10:00	47.81	1510	3.00	
10/28/93	10:20:00	47.80	1520	3.01	
10/28/93	10:30:00	47.80	1530	3.01	
10/28/93	10:40:00	47.79	1540	3.02	
10/28/93	10:50:00	47.78	1550	3.03	
10/28/93	11:00:00	47.78	1560	3.03	
10/28/93	11:10:00	47.80	1570	3.01	
10/28/93	11:20:00	47.79	1580	3.02	
10/28/93	11:30:00	47.78	1590	3.03	
10/28/93	11:40:00	47.79	1600	3.02	
10/28/93	11:50:00	47.78	1610	3.03	
10/28/93	12:00:00	47.79	1620	3.02	
10/28/93	12:10:00	47.80	1630	3.01	
10/28/93	12:20:00	47.80	1640	3.01	
10/28/93	12:30:00	47.80	1650	3.01	
10/28/93	12:40:00	47.81	1660	3.00	
10/28/93	12:50:00	47.81	1670	3.00	
10/28/93	13:00:00	47.82	1680	2.99	
10/28/93	13:10:00	47.81	1690	3.00	
10/28/93	13:20:00	47.76	1700	3.05	
10/28/93	13:30:00	47.83	1710	2.98	
10/28/93	13:40:00	47.83	1720	2.98	
10/28/93	13:50:00	47.84	1730	2.97	
10/28/93	14:00:01	47.85	1740.01	2.96	End Pumping
10/28/93	14:00:01	47.85	1740.02	2.96	
10/28/93	14:00:02	47.85	1740.03	2.96	
10/28/93	14:00:02	47.85	1740.04	2.96	
10/28/93	14:00:03	47.85	1740.05	2.96	
10/28/93	14:00:04	47.85	1740.06	2.96	
10/28/93	14:00:04	47.85	1740.07	2.96	
10/28/93	14:00:05	47.85	1740.08	2.96	
10/28/93	14:00:05	47.85	1740.09	2.96	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW--2

Date	Time	Water--Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/28/93	14:00:06	47.85	1740.1	2.96	
10/28/93	14:00:12	47.86	1740.2	2.95	
10/28/93	14:00:18	47.89	1740.3	2.92	
10/28/93	14:00:24	47.91	1740.4	2.90	
10/28/93	14:00:30	47.95	1740.5	2.86	
10/28/93	14:00:36	47.98	1740.6	2.83	
10/28/93	14:00:42	48.02	1740.7	2.79	
10/28/93	14:00:48	48.05	1740.8	2.76	
10/28/93	14:00:54	48.09	1740.9	2.72	
10/28/93	14:01:00	48.13	1741	2.68	
10/28/93	14:02:00	48.51	1742	2.30	
10/28/93	14:03:00	48.76	1743	2.05	
10/28/93	14:04:00	48.94	1744	1.87	
10/28/93	14:05:00	49.09	1745	1.72	
10/28/93	14:06:00	49.22	1746	1.59	
10/28/93	14:07:00	49.32	1747	1.49	
10/28/93	14:08:00	49.42	1748	1.39	
10/28/93	14:09:00	49.49	1749	1.32	
10/28/93	14:10:00	49.55	1750	1.26	
10/28/93	14:15:00	49.76	1755	1.05	
10/28/93	14:20:00	49.99	1760	0.82	
10/28/93	14:25:00	50.10	1765	0.71	
10/28/93	14:30:00	50.18	1770	0.63	
10/28/93	14:35:00	50.25	1775	0.56	
10/28/93	14:40:00	50.32	1780	0.49	
10/28/93	14:45:00	50.38	1785	0.43	
10/28/93	14:50:00	50.42	1790	0.39	
10/28/93	14:55:00	50.44	1795	0.37	
10/28/93	15:00:00	50.46	1800	0.35	
10/28/93	15:05:00	50.50	1805	0.31	
10/28/93	15:10:00	50.52	1810	0.29	
10/28/93	15:15:00	50.53	1815	0.28	
10/28/93	15:20:00	50.55	1820	0.26	
10/28/93	15:25:00	50.56	1825	0.25	
10/28/93	15:30:00	50.59	1830	0.22	
10/28/93	15:35:00	50.59	1835	0.22	
10/28/93	15:40:00	50.63	1840	0.18	
10/28/93	15:50:00	50.63	1850	0.18	
10/28/93	16:00:00	50.65	1860	0.16	
10/28/93	16:10:00	50.67	1870	0.14	
10/28/93	16:20:00	50.67	1880	0.14	
10/28/93	16:30:00	50.69	1890	0.12	
10/28/93	16:40:00	50.71	1900	0.10	
10/28/93	16:50:00	50.72	1910	0.09	
10/28/93	17:00:00	50.72	1920	0.09	
10/28/93	17:10:00	50.73	1930	0.08	
10/28/93	17:20:00	50.73	1940	0.08	
10/28/93	17:30:00	50.73	1950	0.08	
10/28/93	17:40:00	50.74	1960	0.07	
10/28/93	17:50:00	50.74	1970	0.07	
10/28/93	18:00:00	50.74	1980	0.07	
10/28/93	18:10:00	50.74	1990	0.07	
10/28/93	18:20:00	50.74	2000	0.07	
10/28/93	18:30:00	50.75	2010	0.06	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/28/93	18:40:00	50.75	2020	0.06	
10/28/93	18:50:00	50.74	2030	0.07	
10/28/93	19:00:00	50.74	2040	0.07	
10/28/93	19:10:00	50.74	2050	0.07	
10/28/93	19:20:00	50.74	2060	0.07	
10/28/93	19:30:00	50.74	2070	0.07	
10/28/93	19:40:00	50.74	2080	0.07	
10/28/93	19:50:00	50.74	2090	0.07	
10/28/93	20:00:00	50.74	2100	0.07	
10/28/93	20:10:00	50.74	2110	0.07	
10/28/93	20:20:00	50.74	2120	0.07	
10/28/93	20:30:00	50.73	2130	0.08	
10/28/93	20:40:00	50.73	2140	0.08	
10/28/93	20:50:00	50.72	2150	0.09	
10/28/93	21:00:00	50.72	2160	0.09	
10/28/93	21:10:00	50.72	2170	0.09	
10/28/93	21:20:00	50.72	2180	0.09	
10/28/93	21:30:00	50.72	2190	0.09	
10/28/93	21:40:00	50.72	2200	0.09	
10/28/93	21:50:00	50.72	2210	0.09	
10/28/93	22:00:00	50.72	2220	0.09	
10/28/93	22:10:00	50.71	2230	0.10	
10/28/93	22:20:00	50.71	2240	0.10	
10/28/93	22:30:00	50.72	2250	0.09	
10/28/93	22:40:00	50.72	2260	0.09	
10/28/93	22:50:00	50.72	2270	0.09	
10/28/93	23:00:00	50.72	2280	0.09	
10/28/93	23:10:00	50.72	2290	0.09	
10/28/93	23:20:00	50.72	2300	0.09	
10/28/93	23:30:00	50.72	2310	0.09	
10/28/93	23:40:00	50.72	2320	0.09	
10/28/93	23:50:00	50.72	2330	0.09	
10/29/93	00:00:00	50.72	2340	0.09	
10/29/93	00:10:00	50.72	2350	0.09	
10/29/93	00:20:00	50.72	2360	0.09	
10/29/93	00:30:00	50.73	2370	0.08	
10/29/93	00:40:00	50.73	2380	0.08	
10/29/93	00:50:00	50.73	2390	0.08	
10/29/93	01:00:00	50.74	2400	0.07	
10/29/93	01:10:00	50.75	2410	0.06	
10/29/93	01:20:00	50.75	2420	0.06	
10/29/93	01:30:00	50.76	2430	0.05	
10/29/93	01:40:00	50.76	2440	0.05	
10/29/93	01:50:00	50.75	2450	0.06	
10/29/93	02:00:00	50.76	2460	0.05	
10/29/93	02:10:00	50.76	2470	0.05	
10/29/93	02:20:00	50.76	2480	0.05	
10/29/93	02:30:00	50.76	2490	0.05	
10/29/93	02:40:00	50.77	2500	0.04	
10/29/93	02:50:00	50.78	2510	0.03	
10/29/93	03:00:00	50.78	2520	0.03	
10/29/93	03:10:00	50.79	2530	0.02	
10/29/93	03:20:00	50.79	2540	0.02	
10/29/93	03:30:00	50.78	2550	0.03	

Stevens Recorder Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water-Level Elevation (feet)	Time Since Start of Pumping (min)	Drawdown (ft)	Comments
10/29/93	03:40:00	50.79	2560	0.02	
10/29/93	03:50:00	50.79	2570	0.02	
10/29/93	04:00:00	50.79	2580	0.02	
10/29/93	04:10:00	50.79	2590	0.02	
10/29/93	04:20:00	50.81	2600	0.00	
10/29/93	04:30:00	50.81	2610	0.00	
10/29/93	04:40:00	50.81	2620	0.00	
10/29/93	04:50:00	50.81	2630	0.00	
10/29/93	05:00:00	50.81	2640	0.00	
10/29/93	05:10:00	50.81	2650	0.00	
10/29/93	05:20:00	50.81	2660	0.00	
10/29/93	05:30:00	50.81	2670	0.00	
10/29/93	05:40:00	50.81	2680	0.00	
10/29/93	05:50:00	50.82	2690	-0.01	
10/29/93	06:00:00	50.82	2700	-0.01	
10/29/93	06:10:00	50.82	2710	-0.01	
10/29/93	06:20:00	50.82	2720	-0.01	
10/29/93	06:30:00	50.82	2730	-0.01	
10/29/93	06:40:00	50.81	2740	0.00	
10/29/93	06:50:00	50.81	2750	0.00	
10/29/93	07:00:00	50.81	2760	0.00	

Visual Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water - Level Elevation (feet)	Comments
10/25/93	08:07	50.85	
10/25/93	09:27	50.83	
10/25/93	10:32	50.86	
10/25/93	12:30	50.83	
10/25/93	12:54	50.87	
10/25/93	15:53	50.97	
10/25/93	16:15	50.99	
10/25/93	16:20	49.86	
10/25/93	16:25	49.50	
10/25/93	16:30	49.25	
10/25/93	16:35	48.97	
10/25/93	16:40	48.80	
10/25/93	16:45	48.67	
10/25/93	16:50	48.50	
10/25/93	16:55	48.51	
10/25/93	17:00	48.45	
10/25/93	17:20	48.31	
10/26/93	18:16	50.71	
10/26/93	10:25	50.88	
10/26/93	16:40	50.94	
10/26/93	18:12	50.93	
10/27/93	08:55	50.78	
10/27/93	09:00:15	50.73	Begin Pumping at ICW-2 @ 09:00
10/27/93	09:00:30	50.62	
10/27/93	09:00:45	50.52	
10/27/93	09:01	50.43	
10/27/93	09:01:15	50.33	
10/27/93	09:01:30	50.25	
10/27/93	09:01:45	50.19	
10/27/93	09:02	50.12	
10/27/93	09:02:30	50.03	
10/27/93	09:03	49.91	
10/27/93	09:03:30	49.82	
10/27/93	09:04	49.73	
10/27/93	09:04:30	49.66	
10/27/93	09:05	49.60	
10/27/93	09:06	49.48	
10/27/93	09:07	49.37	
10/27/93	09:08	49.28	
10/27/93	09:09	49.21	
10/27/93	09:10	49.15	
10/27/93	09:12	49.03	
10/27/93	09:14	48.92	
10/27/93	09:16	48.82	
10/27/93	09:18	48.77	
10/27/93	09:20	48.72	
10/27/93	09:25	48.60	
10/27/93	09:30	48.49	
10/27/93	09:35	48.40	
10/27/93	09:40	48.34	
10/27/93	09:45	48.29	
10/27/93	09:50	48.24	
10/27/93	09:55	48.22	
10/27/93	10:00	48.19	
10/27/93	10:10	48.14	

Visual Ground Water Level Measurements
Upper Production Zone APT
IPW-2

Date	Time	Water - Level Elevation (feet)	Comments
10/27/93	10:20	48.10	
10/27/93	10:30	48.07	
10/27/93	10:40	48.04	
10/27/93	10:50	48.02	
10/27/93	11:00	47.98	
10/27/93	11:10	47.97	
10/27/93	11:20	47.96	
10/27/93	11:30	47.95	
10/27/93	12:00	47.92	
10/27/93	12:30	47.92	
10/27/93	13:00	47.92	
10/27/93	13:30	47.92	
10/27/93	14:00	47.95	
10/27/93	14:30	47.96	
10/27/93	15:00	47.98	
10/27/93	15:30	47.97	
10/27/93	16:00	47.98	
10/27/93	16:30	47.94	
10/27/93	17:00	47.94	
10/27/93	17:30	47.93	
10/27/93	18:00	47.92	
10/27/93	18:30	47.90	
10/27/93	19:00	47.89	
10/27/93	19:30	47.91	
10/27/93	20:00	47.89	
10/27/93	20:30	47.88	
10/27/93	21:00	47.87	
10/27/93	21:30	47.85	
10/27/93	22:00	47.85	
10/27/93	22:30	47.84	
10/27/93	23:00	47.84	
10/27/93	23:30	47.84	
10/28/93	00:00	47.84	
10/28/93	00:30	47.85	
10/28/93	01:00	47.85	
10/28/93	01:30	47.86	
10/28/93	02:00	47.88	
10/28/93	02:30	47.88	
10/28/93	03:00	47.88	
10/28/93	03:30	47.90	
10/28/93	04:00	47.90	
10/28/93	04:30	47.91	
10/28/93	05:00	47.92	
10/28/93	05:30	47.92	
10/28/93	06:00	47.92	
10/28/93	06:30	47.91	
10/28/93	07:00	47.89	
10/28/93	07:30	47.89	
10/28/93	08:00	47.89	
10/28/93	08:30	47.88	
10/28/93	09:00	47.86	
10/28/93	09:30	47.86	
10/28/93	10:00	47.84	
10/28/93	10:30	47.84	
10/28/93	11:00	47.82	

Visual Ground Water Level Measurements
Upper Production Zone APT
IPW--2

Date	Time	Water ~ Level Elevation (feet)	Comments
10/28/93	11:30	47.82	
10/28/93	12:00	47.84	
10/28/93	12:30	47.85	
10/28/93	13:00	47.86	
10/28/93	13:30	47.89	
10/28/93	14:00	47.91	End Pumping
10/28/93	14:00:15	47.93	
10/28/93	14:00:30	48.03	
10/28/93	14:00:45	48.11	
10/28/93	14:01:00	48.20	
10/28/93	14:01:15	48.29	
10/28/93	14:01:30	48.37	
10/28/93	14:01:45	48.44	
10/28/93	14:02:00	48.51	
10/28/93	14:02:30	48.64	
10/28/93	14:03:00	48.78	
10/28/93	14:03:30	48.88	
10/28/93	14:04:00	48.95	
10/28/93	14:04:30	49.03	
10/28/93	14:05:00	49.11	
10/28/93	14:05:30	49.23	
10/28/93	14:06:00	49.34	
10/28/93	14:06:30	49.43	
10/28/93	14:07:00	49.50	
10/28/93	14:07:30	49.58	
10/28/93	14:08:00	49.69	
10/28/93	14:08:30	49.79	
10/28/93	14:09:00	48.87	
10/28/93	14:09:30	49.93	
10/28/93	14:10	50.00	
10/28/93	14:15	50.05	
10/28/93	14:20	50.09	
10/28/93	14:25	50.14	
10/28/93	14:28	50.17	
10/28/93	14:30	50.21	
10/28/93	14:35	50.28	
10/28/93	14:40	50.35	
10/28/93	14:45	50.39	
10/28/93	14:50	50.45	
10/28/93	14:55	50.47	
10/28/93	15:00	50.50	
10/28/93	15:10	50.53	
10/28/93	15:20	50.60	
10/28/93	15:30	50.61	
10/28/93	15:40	50.62	
10/28/93	15:50	50.66	
10/28/93	16:00	50.67	
10/28/93	16:30	50.72	
10/28/93	17:00	50.75	
10/28/93	17:30	50.75	
10/28/93	18:00	50.75	
10/28/93	18:41	50.75	
10/29/93	09:30	48.98	

Barometric Pressure Measurements

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (Inches of mercury)
10/20/93	19:00:00	31.21
10/20/93	19:30:00	31.19
10/20/93	20:00:00	31.17
10/20/93	20:30:00	31.16
10/20/93	21:00:00	31.15
10/20/93	21:30:00	31.15
10/20/93	22:00:00	31.14
10/20/93	22:30:00	31.14
10/20/93	23:00:00	31.14
10/20/93	23:30:00	31.14
10/21/93	00:00:00	31.14
10/21/93	00:30:00	31.13
10/21/93	01:00:00	31.11
10/21/93	01:30:00	31.11
10/21/93	02:00:00	31.10
10/21/93	02:30:00	31.09
10/21/93	03:00:00	31.08
10/21/93	03:30:00	31.09
10/21/93	04:00:00	31.08
10/21/93	04:30:00	31.09
10/21/93	05:00:00	31.08
10/21/93	05:30:00	31.09
10/21/93	06:00:00	31.09
10/21/93	06:30:00	31.10
10/21/93	07:00:00	31.11
10/21/93	07:30:00	31.13
10/21/93	08:00:00	31.14
10/21/93	08:30:00	31.17
10/21/93	09:00:00	31.23
10/21/93	09:30:00	31.29
10/21/93	10:00:00	31.34
10/21/93	10:30:00	31.37
10/21/93	11:00:00	31.39
10/21/93	11:30:00	31.41
10/21/93	12:00:00	31.41
10/21/93	12:30:00	31.40
10/21/93	13:00:00	31.39
10/21/93	13:30:00	31.38
10/21/93	14:00:00	31.35
10/21/93	14:30:00	31.37
10/21/93	15:00:00	31.40
10/21/93	15:30:00	31.39
10/21/93	16:00:00	31.40
10/21/93	16:30:00	31.39
10/21/93	17:00:00	31.33
10/21/93	17:30:00	31.27
10/21/93	18:00:00	31.25
10/21/93	18:30:00	31.22
10/21/93	19:00:00	31.21
10/21/93	19:30:00	31.19
10/21/93	20:00:00	31.18
10/21/93	20:30:00	31.17
10/21/93	21:00:00	31.16
10/21/93	21:30:00	31.16
10/21/93	22:00:00	31.16
10/21/93	22:30:00	31.17

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/21/93	23:00:00	31.16
10/21/93	23:30:00	31.16
10/22/93	00:00:00	31.15
10/22/93	00:30:00	31.14
10/22/93	01:00:00	31.14
10/22/93	01:30:00	31.13
10/22/93	02:00:00	31.11
10/22/93	02:30:00	31.11
10/22/93	03:00:00	31.09
10/22/93	03:30:00	31.09
10/22/93	04:00:00	31.08
10/22/93	04:30:00	31.07
10/22/93	05:00:00	31.07
10/22/93	05:30:00	31.07
10/22/93	06:00:00	31.07
10/22/93	06:30:00	31.07
10/22/93	07:00:00	31.07
10/22/93	07:30:00	31.08
10/22/93	08:00:00	31.10
10/22/93	08:30:00	31.13
10/22/93	09:00:00	31.16
10/22/93	09:30:00	31.18
10/22/93	10:00:00	31.24
10/22/93	10:30:00	31.27
10/22/93	11:00:00	31.32
10/22/93	11:30:00	31.38
10/22/93	12:00:00	31.42
10/22/93	12:30:00	31.43
10/22/93	13:00:00	31.40
10/22/93	13:30:00	31.34
10/22/93	14:00:00	31.31
10/22/93	14:30:00	31.31
10/22/93	15:00:00	31.31
10/22/93	15:30:00	31.29
10/22/93	16:00:00	31.25
10/22/93	16:30:00	31.25
10/22/93	17:00:00	31.21
10/22/93	17:30:00	31.17
10/22/93	18:00:00	31.16
10/22/93	18:30:00	31.15
10/22/93	19:00:00	31.14
10/22/93	19:30:00	31.13
10/22/93	20:00:00	31.12
10/22/93	20:30:00	31.13
10/22/93	21:00:00	31.12
10/22/93	21:30:00	31.12
10/22/93	22:00:00	31.12
10/22/93	22:30:00	31.11
10/22/93	23:00:00	31.11
10/22/93	23:30:00	31.11
10/23/93	00:00:00	31.09
10/23/93	00:30:00	31.08
10/23/93	01:00:00	31.08
10/23/93	01:30:00	31.06
10/23/93	02:00:00	31.05
10/23/93	02:30:00	31.04

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/23/93	03:00:00	31.03
10/23/93	03:30:00	31.01
10/23/93	04:00:00	31.01
10/23/93	04:30:00	31.01
10/23/93	05:00:00	31.01
10/23/93	05:30:00	31.01
10/23/93	06:00:00	31.01
10/23/93	06:30:00	31.01
10/23/93	07:00:00	31.01
10/23/93	07:30:00	31.02
10/23/93	08:00:00	31.03
10/23/93	08:30:00	31.06
10/23/93	09:00:00	31.12
10/23/93	09:30:00	31.18
10/23/93	10:00:00	31.23
10/23/93	10:30:00	31.27
10/23/93	11:00:00	31.31
10/23/93	11:30:00	31.34
10/23/93	12:00:00	31.34
10/23/93	12:30:00	31.36
10/23/93	13:00:00	31.39
10/23/93	13:30:00	31.39
10/23/93	14:00:00	31.38
10/23/93	14:30:00	31.35
10/23/93	15:00:00	31.36
10/23/93	15:30:00	31.35
10/23/93	16:00:00	31.35
10/23/93	16:30:00	31.31
10/23/93	17:00:00	31.27
10/23/93	17:30:00	31.23
10/23/93	18:00:00	31.20
10/23/93	18:30:00	31.16
10/23/93	19:00:00	31.13
10/23/93	19:30:00	31.12
10/23/93	20:00:00	31.11
10/23/93	20:30:00	31.11
10/23/93	21:00:00	31.11
10/23/93	21:30:00	31.10
10/23/93	22:00:00	31.10
10/23/93	22:30:00	31.08
10/23/93	23:00:00	31.07
10/23/93	23:30:00	31.06
10/24/93	00:00:00	31.06
10/24/93	00:30:00	31.05
10/24/93	01:00:00	31.04
10/24/93	01:30:00	31.01
10/24/93	02:00:00	31.00
10/24/93	02:30:00	30.99
10/24/93	03:00:00	30.98
10/24/93	03:30:00	30.98
10/24/93	04:00:00	30.97
10/24/93	04:30:00	30.97
10/24/93	05:00:00	30.97
10/24/93	05:30:00	30.97
10/24/93	06:00:00	30.97
10/24/93	06:30:00	30.97

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/24/93	07:00:00	30.96
10/24/93	07:30:00	30.96
10/24/93	08:00:00	30.97
10/24/93	08:30:00	30.99
10/24/93	09:00:00	31.01
10/24/93	09:30:00	31.06
10/24/93	10:00:00	31.12
10/24/93	10:30:00	31.18
10/24/93	11:00:00	31.23
10/24/93	11:30:00	31.26
10/24/93	12:00:00	31.23
10/24/93	12:30:00	31.27
10/24/93	13:00:00	31.30
10/24/93	13:30:00	31.32
10/24/93	14:00:00	31.30
10/24/93	14:30:00	31.30
10/24/93	15:00:00	31.31
10/24/93	15:30:00	31.27
10/24/93	16:00:00	31.27
10/24/93	16:30:00	31.26
10/24/93	17:00:00	31.24
10/24/93	17:30:00	31.19
10/24/93	18:00:00	31.15
10/24/93	18:30:00	31.10
10/24/93	19:00:00	31.07
10/24/93	19:30:00	31.04
10/24/93	20:00:00	31.02
10/24/93	20:30:00	31.01
10/24/93	21:00:00	31.00
10/24/93	21:30:00	31.00
10/24/93	22:00:00	31.00
10/24/93	22:30:00	31.00
10/24/93	23:00:00	31.00
10/24/93	23:30:00	30.99
10/25/93	00:00:00	30.97
10/25/93	00:30:00	30.95
10/25/93	01:00:00	30.94
10/25/93	01:30:00	30.93
10/25/93	02:00:00	30.93
10/25/93	02:30:00	30.90
10/25/93	03:00:00	30.88
10/25/93	03:30:00	30.87
10/25/93	04:00:00	30.87
10/25/93	04:30:00	30.86
10/25/93	05:00:00	30.86
10/25/93	05:30:00	30.86
10/25/93	06:00:00	30.87
10/25/93	06:30:00	30.87
10/25/93	07:00:00	30.88
10/25/93	07:30:00	30.88
10/25/93	08:00:00	30.88
10/25/93	08:30:00	30.90
10/25/93	09:00:00	30.96
10/25/93	09:30:00	31.03
10/25/93	10:00:00	31.07
10/25/93	10:30:00	31.13

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/25/93	11:00:00	31.18
10/25/93	11:30:00	31.20
10/25/93	12:00:00	31.23
10/25/93	12:30:00	31.23
10/25/93	13:00:00	31.24
10/25/93	13:30:00	31.23
10/25/93	14:00:00	31.20
10/25/93	14:30:00	31.20
10/25/93	15:00:00	31.19
10/25/93	15:30:00	31.20
10/25/93	16:00:00	31.14
10/25/93	16:30:00	31.14
10/25/93	17:00:00	31.10
10/25/93	17:30:00	31.07
10/25/93	18:00:00	31.06
10/25/93	18:30:00	31.05
10/25/93	19:00:00	31.05
10/25/93	19:30:00	31.02
10/25/93	20:00:00	31.00
10/25/93	20:30:00	30.98
10/25/93	21:00:00	30.97
10/25/93	21:30:00	30.97
10/25/93	22:00:00	30.95
10/25/93	22:30:00	30.96
10/25/93	23:00:00	30.96
10/25/93	23:30:00	30.95
10/26/93	00:00:00	30.95
10/26/93	00:30:00	30.94
10/26/93	01:00:00	30.91
10/26/93	01:30:00	30.89
10/26/93	02:00:00	30.88
10/26/93	02:30:00	30.87
10/26/93	03:00:00	30.86
10/26/93	03:30:00	30.85
10/26/93	04:00:00	30.86
10/26/93	04:30:00	30.86
10/26/93	05:00:00	30.86
10/26/93	05:30:00	30.86
10/26/93	06:00:00	30.87
10/26/93	06:30:00	30.86
10/26/93	07:00:00	30.87
10/26/93	07:30:00	30.87
10/26/93	08:00:00	30.88
10/26/93	08:30:00	30.91
10/26/93	09:00:00	30.96
10/26/93	09:30:00	31.02
10/26/93	10:00:00	31.09
10/26/93	10:30:00	31.12
10/26/93	11:00:00	31.13
10/26/93	12:15:00	31.12
10/26/93	12:30:00	31.10
10/26/93	12:45:00	31.10
10/26/93	13:00:00	31.09
10/26/93	13:15:00	31.10
10/26/93	13:30:00	31.09
10/26/93	13:45:00	31.09

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/26/93	14:00:00	31.08
10/26/93	14:15:00	31.09
10/26/93	14:30:00	31.06
10/26/93	14:45:00	31.06
10/26/93	15:00:00	31.04
10/26/93	15:15:00	31.05
10/26/93	15:30:00	31.05
10/26/93	15:45:00	31.05
10/26/93	16:00:00	31.05
10/26/93	16:15:00	31.04
10/26/93	16:37:00	31.02
10/26/93	16:39:00	31.03
10/26/93	16:41:00	31.04
10/26/93	16:43:00	31.03
10/26/93	16:45:00	31.03
10/26/93	16:47:00	31.04
10/26/93	16:49:00	31.03
10/26/93	16:51:00	31.03
10/26/93	16:53:00	31.02
10/26/93	16:55:00	31.02
10/26/93	16:57:00	31.01
10/26/93	16:59:00	31.01
10/26/93	17:01:00	31.00
10/26/93	17:03:00	30.99
10/26/93	17:05:00	30.98
10/26/93	17:07:00	30.99
10/26/93	17:09:00	31.00
10/26/93	17:11:00	30.99
10/26/93	17:13:00	30.97
10/26/93	17:15:00	30.96
10/26/93	17:17:00	30.95
10/26/93	17:19:00	30.95
10/26/93	17:21:00	30.94
10/26/93	17:23:00	30.91
10/26/93	17:25:00	30.90
10/26/93	17:27:00	30.90
10/26/93	17:29:00	30.90
10/26/93	17:31:00	30.88
10/26/93	17:33:00	30.88
10/26/93	17:35:00	30.89
10/26/93	17:37:00	30.87
10/26/93	17:39:00	30.87
10/26/93	17:41:00	30.87
10/26/93	17:43:00	30.87
10/26/93	17:45:00	30.86
10/26/93	17:47:00	30.86
10/26/93	17:49:00	30.86
10/26/93	17:51:00	30.86
10/26/93	17:53:00	30.86
10/26/93	17:55:00	30.85
10/26/93	17:57:00	30.86
10/26/93	17:59:00	30.85
10/26/93	18:01:00	30.85
10/26/93	18:03:00	30.85
10/26/93	18:05:00	30.85
10/26/93	18:07:00	30.85

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/26/93	18:09:00	30.85
10/26/93	18:11:00	30.85
10/26/93	18:13:00	30.85
10/26/93	18:15:00	30.85
10/26/93	18:17:00	30.85
10/26/93	18:19:00	30.85
10/26/93	18:21:00	30.86
10/26/93	18:23:00	30.86
10/26/93	18:25:00	30.85
10/26/93	18:27:00	30.86
10/26/93	18:29:00	30.85
10/26/93	18:31:00	30.86
10/26/93	18:33:00	30.86
10/26/93	18:35:00	30.86
10/26/93	18:37:00	30.86
10/26/93	18:39:00	30.86
10/26/93	18:41:00	30.86
10/26/93	18:43:00	30.87
10/26/93	18:45:00	30.87
10/26/93	18:47:00	30.85
10/26/93	18:49:00	30.85
10/26/93	18:51:00	30.86
10/26/93	18:53:00	30.86
10/26/93	18:55:00	30.87
10/26/93	18:57:00	30.85
10/26/93	18:59:00	30.87
10/26/93	19:01:00	30.86
10/26/93	19:03:00	30.86
10/26/93	19:05:00	30.86
10/26/93	19:07:00	30.85
10/26/93	19:09:00	30.86
10/26/93	19:11:00	30.86
10/26/93	19:13:00	30.86
10/26/93	19:15:00	30.86
10/26/93	19:17:00	30.86
10/26/93	19:19:00	30.86
10/26/93	19:21:00	30.86
10/26/93	19:23:00	30.86
10/26/93	19:25:00	30.86
10/26/93	19:27:00	30.86
10/26/93	19:29:00	30.87
10/26/93	19:31:00	30.87
10/26/93	19:33:00	30.87
10/26/93	19:35:00	30.87
10/26/93	19:37:00	30.86
10/26/93	19:39:00	30.87
10/26/93	19:41:00	30.86
10/26/93	19:43:00	30.86
10/26/93	19:45:00	30.86
10/26/93	19:47:00	30.86
10/26/93	19:49:00	30.86
10/26/93	19:51:00	30.87
10/26/93	19:53:00	30.87
10/26/93	19:55:00	30.87
10/26/93	19:57:00	30.87
10/26/93	19:59:00	30.86

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/26/93	20:01:00	30.86
10/26/93	20:03:00	30.86
10/26/93	20:05:00	30.87
10/26/93	20:07:00	30.87
10/26/93	20:09:00	30.87
10/26/93	20:11:00	30.87
10/26/93	20:13:00	30.86
10/26/93	20:15:00	30.87
10/26/93	20:17:00	30.87
10/26/93	20:19:00	30.87
10/26/93	20:21:00	30.86
10/26/93	20:23:00	30.87
10/26/93	20:25:00	30.87
10/26/93	20:27:00	30.87
10/26/93	20:29:00	30.86
10/26/93	20:31:00	30.87
10/26/93	20:33:00	30.86
10/26/93	20:35:00	30.87
10/26/93	20:37:00	30.88
10/26/93	20:39:00	30.88
10/26/93	20:41:00	30.86
10/26/93	20:43:00	30.88
10/26/93	20:45:00	30.88
10/26/93	20:47:00	30.87
10/26/93	20:49:00	30.87
10/26/93	20:51:00	30.89
10/26/93	20:53:00	30.88
10/26/93	20:55:00	30.89
10/26/93	20:57:00	30.87
10/26/93	20:59:00	30.89
10/26/93	21:01:00	30.89
10/26/93	21:03:00	30.89
10/26/93	21:05:00	30.89
10/26/93	21:07:00	30.88
10/26/93	21:09:00	30.89
10/26/93	21:11:00	30.89
10/26/93	21:13:00	30.89
10/26/93	21:30:00	30.90
10/26/93	22:00:00	30.91
10/26/93	22:30:00	30.92
10/26/93	23:00:00	30.91
10/26/93	23:30:00	30.92
10/27/93	00:00:00	30.92
10/27/93	00:30:00	30.91
10/27/93	01:00:00	30.91
10/27/93	01:30:00	30.89
10/27/93	02:00:00	30.90
10/27/93	02:30:00	30.90
10/27/93	03:00:00	30.88
10/27/93	03:30:00	30.87
10/27/93	04:00:00	30.88
10/27/93	04:30:00	30.87
10/27/93	05:00:00	30.88
10/27/93	05:30:00	30.88
10/27/93	06:00:00	30.88
10/27/93	06:30:00	30.88

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (Inches of mercury)
10/27/93	07:00:00	30.90
10/27/93	07:30:00	30.90
10/27/93	08:50:00	30.95
10/27/93	08:52:00	30.95
10/27/93	08:54:00	30.96
10/27/93	08:56:00	30.96
10/27/93	08:58:00	30.96
10/27/93	09:00:00	30.96
10/27/93	09:02:00	30.97
10/27/93	09:04:00	30.97
10/27/93	09:06:00	30.99
10/27/93	09:08:00	30.97
10/27/93	09:10:00	30.99
10/27/93	09:12:00	30.98
10/27/93	09:14:00	31.00
10/27/93	09:16:00	30.99
10/27/93	09:18:00	31.00
10/27/93	09:20:00	31.00
10/27/93	09:22:00	31.00
10/27/93	09:24:00	31.00
10/27/93	09:26:00	31.02
10/27/93	09:28:00	31.01
10/27/93	09:30:00	31.03
10/27/93	09:32:00	31.03
10/27/93	09:34:00	31.01
10/27/93	09:36:00	31.02
10/27/93	09:38:00	31.04
10/27/93	09:40:00	31.04
10/27/93	09:42:00	31.05
10/27/93	09:44:00	31.05
10/27/93	09:46:00	31.04
10/27/93	09:48:00	31.04
10/27/93	09:50:00	31.05
10/27/93	09:52:00	31.06
10/27/93	09:54:00	31.06
10/27/93	09:56:00	31.07
10/27/93	09:58:00	31.08
10/27/93	10:00:00	31.17
10/27/93	10:20:00	31.21
10/27/93	10:30:00	31.22
10/27/93	10:40:00	31.24
10/27/93	10:50:00	31.24
10/27/93	11:00:00	31.26
10/27/93	11:10:00	31.26
10/27/93	11:20:00	31.27
10/27/93	11:30:00	31.27
10/27/93	11:40:00	31.27
10/27/93	11:50:00	31.28
10/27/93	12:00:00	31.28
10/27/93	12:10:00	31.28
10/27/93	12:20:00	31.28
10/27/93	12:30:00	31.28
10/27/93	12:40:00	31.29
10/27/93	12:50:00	31.30
10/27/93	13:00:00	31.31
10/27/93	13:10:00	31.30

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/27/93	13:20:00	31.30
10/27/93	13:30:00	31.30
10/27/93	13:40:00	31.29
10/27/93	13:50:00	31.28
10/27/93	14:00:00	31.26
10/27/93	14:10:00	31.27
10/27/93	14:20:00	31.27
10/27/93	14:30:00	31.27
10/27/93	14:40:00	31.27
10/27/93	14:50:00	31.28
10/27/93	15:00:00	31.28
10/27/93	15:10:00	31.28
10/27/93	15:20:00	31.28
10/27/93	15:30:00	31.28
10/27/93	15:40:00	31.27
10/27/93	15:50:00	31.26
10/27/93	16:00:00	31.25
10/27/93	16:10:00	31.24
10/27/93	16:20:00	31.23
10/27/93	16:30:00	31.22
10/27/93	16:40:00	31.21
10/27/93	16:50:00	31.20
10/27/93	17:00:00	31.18
10/27/93	17:10:00	31.17
10/27/93	17:20:00	31.16
10/27/93	17:30:00	31.15
10/27/93	17:40:00	31.14
10/27/93	17:50:00	31.12
10/27/93	18:00:00	31.11
10/27/93	18:10:00	31.11
10/27/93	18:20:00	31.11
10/27/93	18:30:00	31.11
10/27/93	18:40:00	31.10
10/27/93	18:50:00	31.10
10/27/93	19:00:00	31.10
10/27/93	19:10:00	31.09
10/27/93	19:20:00	31.08
10/27/93	19:30:00	31.08
10/27/93	19:40:00	31.07
10/27/93	19:50:00	31.06
10/27/93	20:00:00	31.05
10/27/93	20:10:00	31.05
10/27/93	20:20:00	31.04
10/27/93	20:30:00	31.04
10/27/93	20:40:00	31.03
10/27/93	20:50:00	31.03
10/27/93	21:00:00	31.03
10/27/93	21:10:00	31.03
10/27/93	21:20:00	31.03
10/27/93	21:30:00	31.03
10/27/93	21:40:00	31.03
10/27/93	21:50:00	31.03
10/27/93	22:00:00	31.03
10/27/93	22:10:00	31.03
10/27/93	22:20:00	31.03
10/27/93	22:30:00	31.03

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/27/93	22:40:00	31.03
10/27/93	22:50:00	31.02
10/27/93	23:00:00	31.01
10/27/93	23:10:00	31.01
10/27/93	23:20:00	31.00
10/27/93	23:30:00	31.00
10/27/93	23:40:00	31.00
10/27/93	23:50:00	31.01
10/28/93	00:00:00	31.01
10/28/93	00:10:00	31.00
10/28/93	00:20:00	31.00
10/28/93	00:30:00	30.99
10/28/93	00:40:00	30.99
10/28/93	00:50:00	30.98
10/28/93	01:00:00	30.98
10/28/93	01:10:00	30.98
10/28/93	01:20:00	30.98
10/28/93	01:30:00	30.98
10/28/93	01:40:00	30.98
10/28/93	01:50:00	30.97
10/28/93	02:00:00	30.97
10/28/93	02:10:00	30.96
10/28/93	02:20:00	30.95
10/28/93	02:30:00	30.95
10/28/93	02:40:00	30.94
10/28/93	02:50:00	30.94
10/28/93	03:00:00	30.93
10/28/93	03:10:00	30.93
10/28/93	03:20:00	30.94
10/28/93	03:30:00	30.94
10/28/93	03:40:00	30.94
10/28/93	03:50:00	30.93
10/28/93	04:00:00	30.93
10/28/93	04:10:00	30.93
10/28/93	04:20:00	30.93
10/28/93	04:30:00	30.93
10/28/93	04:40:00	30.93
10/28/93	04:50:00	30.93
10/28/93	05:00:00	30.93
10/28/93	05:10:00	30.93
10/28/93	05:20:00	30.93
10/28/93	05:30:00	30.92
10/28/93	05:40:00	30.92
10/28/93	05:50:00	30.92
10/28/93	06:00:00	30.92
10/28/93	06:10:00	30.92
10/28/93	06:20:00	30.92
10/28/93	06:30:00	30.92
10/28/93	06:40:00	30.91
10/28/93	06:50:00	30.91
10/28/93	07:00:00	30.91
10/28/93	07:10:00	30.92
10/28/93	07:20:00	30.93
10/28/93	07:30:00	30.93
10/28/93	07:40:00	30.94
10/28/93	07:50:00	30.95

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/28/93	08:00:00	30.95
10/28/93	08:10:00	30.96
10/28/93	08:20:00	30.96
10/28/93	08:30:00	30.96
10/28/93	08:40:00	30.97
10/28/93	08:50:00	30.98
10/28/93	09:00:00	30.99
10/28/93	09:10:00	31.01
10/28/93	09:20:00	31.02
10/28/93	09:30:00	31.03
10/28/93	09:40:00	31.06
10/28/93	09:50:00	31.08
10/28/93	10:00:00	31.10
10/28/93	10:10:00	31.11
10/28/93	10:20:00	31.12
10/28/93	10:30:00	31.14
10/28/93	10:40:00	31.15
10/28/93	10:50:00	31.16
10/28/93	11:00:00	31.17
10/28/93	11:10:00	31.17
10/28/93	11:20:00	31.17
10/28/93	11:30:00	31.17
10/28/93	11:40:00	31.18
10/28/93	11:50:00	31.19
10/28/93	12:00:00	31.20
10/28/93	12:10:00	31.22
10/28/93	12:20:00	31.23
10/28/93	12:30:00	31.24
10/28/93	12:40:00	31.25
10/28/93	12:50:00	31.26
10/28/93	13:00:00	31.27
10/28/93	13:10:00	31.27
10/28/93	13:20:00	31.25
10/28/93	13:30:00	31.25
10/28/93	13:44:00	31.21
10/28/93	13:46:00	31.21
10/28/93	13:48:00	31.21
10/28/93	13:50:00	31.20
10/28/93	13:52:00	31.20
10/28/93	13:54:00	31.20
10/28/93	13:56:00	31.19
10/28/93	13:58:00	31.19
10/28/93	14:00:00	31.20
10/28/93	14:02:00	31.19
10/28/93	14:04:00	31.19
10/28/93	14:06:00	31.20
10/28/93	14:08:00	31.20
10/28/93	14:10:00	31.20
10/28/93	14:12:00	31.20
10/28/93	14:14:00	31.20
10/28/93	14:16:00	31.20
10/28/93	14:18:00	31.20
10/28/93	14:20:00	31.19
10/28/93	14:22:00	31.19
10/28/93	14:24:00	31.20
10/28/93	14:26:00	31.20

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/28/93	14:28:00	31.20
10/28/93	14:30:00	31.20
10/28/93	14:32:00	31.20
10/28/93	14:34:00	31.20
10/28/93	14:36:00	31.20
10/28/93	14:38:00	31.20
10/28/93	14:40:00	31.20
10/28/93	14:42:00	31.20
10/28/93	14:44:00	31.20
10/28/93	14:46:00	31.19
10/28/93	14:48:00	31.20
10/28/93	14:50:00	31.19
10/28/93	14:52:00	31.19
10/28/93	14:54:00	31.19
10/28/93	14:56:00	31.19
10/28/93	14:58:00	31.20
10/28/93	15:00:00	31.20
10/28/93	15:02:00	31.20
10/28/93	15:04:00	31.20
10/28/93	15:06:00	31.20
10/28/93	15:08:00	31.20
10/28/93	15:10:00	31.20
10/28/93	15:12:00	31.20
10/28/93	15:14:00	31.20
10/28/93	15:20:00	31.20
10/28/93	15:30:00	31.19
10/28/93	15:40:00	31.19
10/28/93	15:50:00	31.20
10/28/93	16:00:00	31.19
10/28/93	16:10:00	31.19
10/28/93	16:20:00	31.18
10/28/93	16:30:00	31.18
10/28/93	16:40:00	31.17
10/28/93	16:50:00	31.16
10/28/93	17:00:00	31.15
10/28/93	17:10:00	31.14
10/28/93	17:20:00	31.13
10/28/93	17:30:00	31.12
10/28/93	17:40:00	31.12
10/28/93	17:50:00	31.10
10/28/93	18:00:00	31.10
10/28/93	18:10:00	31.10
10/28/93	18:20:00	31.09
10/28/93	18:30:00	31.08
10/28/93	18:40:00	31.07
10/28/93	18:50:00	31.07
10/28/93	19:00:00	31.06
10/28/93	19:10:00	31.05
10/28/93	19:20:00	31.05
10/28/93	19:30:00	31.03
10/28/93	19:40:00	31.02
10/28/93	19:50:00	31.01
10/28/93	20:00:00	31.00
10/28/93	20:10:00	31.01
10/28/93	20:20:00	31.01
10/28/93	20:30:00	31.00

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/28/93	20:40:00	31.00
10/28/93	20:50:00	31.00
10/28/93	21:00:00	31.00
10/28/93	21:10:00	30.99
10/28/93	21:20:00	30.99
10/28/93	21:30:00	30.99
10/28/93	21:40:00	30.97
10/28/93	21:50:00	30.98
10/28/93	22:00:00	30.97
10/28/93	22:10:00	30.97
10/28/93	22:20:00	30.97
10/28/93	22:30:00	30.98
10/28/93	22:40:00	30.97
10/28/93	22:50:00	30.97
10/28/93	23:00:00	30.97
10/28/93	23:10:00	30.97
10/28/93	23:20:00	30.96
10/28/93	23:30:00	30.97
10/28/93	23:40:00	30.95
10/28/93	23:50:00	30.95
10/29/93	00:00:00	30.96
10/29/93	00:10:00	30.95
10/29/93	00:20:00	30.95
10/29/93	00:30:00	30.94
10/29/93	00:40:00	30.95
10/29/93	00:50:00	30.94
10/29/93	01:00:00	30.95
10/29/93	01:10:00	30.94
10/29/93	01:20:00	30.94
10/29/93	01:30:00	30.94
10/29/93	01:40:00	30.94
10/29/93	01:50:00	30.94
10/29/93	02:00:00	30.94
10/29/93	02:10:00	30.94
10/29/93	02:20:00	30.94
10/29/93	02:30:00	30.93
10/29/93	02:40:00	30.93
10/29/93	02:50:00	30.93
10/29/93	03:00:00	30.93
10/29/93	03:10:00	30.93
10/29/93	03:20:00	30.92
10/29/93	03:30:00	30.93
10/29/93	03:40:00	30.92
10/29/93	03:50:00	30.92
10/29/93	04:00:00	30.93
10/29/93	04:10:00	30.92
10/29/93	04:20:00	30.92
10/29/93	04:30:00	30.93
10/29/93	04:40:00	30.93
10/29/93	04:50:00	30.92
10/29/93	05:00:00	30.92
10/29/93	05:10:00	30.93
10/29/93	05:20:00	30.93
10/29/93	05:30:00	30.92
10/29/93	05:40:00	30.92
10/29/93	05:50:00	30.93

Hermit Recorder Barometric Pressure Measurements
Upper Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
10/29/93	06:00:00	30.92
10/29/93	06:10:00	30.93
10/29/93	06:20:00	30.92
10/29/93	06:30:00	30.93
10/29/93	06:40:00	30.93
10/29/93	06:50:00	30.93
10/29/93	07:00:00	30.93
10/29/93	07:10:00	30.93
10/29/93	07:20:00	30.93
10/29/93	07:30:00	30.94
10/29/93	07:40:00	30.94
10/29/93	07:50:00	30.94
10/29/93	08:00:00	30.94
10/29/93	08:10:00	30.94
10/29/93	08:20:00	30.95
10/29/93	08:30:00	30.96
10/29/93	08:40:00	30.98
10/29/93	08:50:00	31.01
10/29/93	09:00:00	31.03
10/29/93	09:10:00	31.06
10/29/93	09:20:00	31.08
10/29/93	09:30:00	31.10
10/29/93	09:40:00	31.12
10/29/93	09:50:00	31.15
10/29/93	10:00:00	31.16
10/29/93	10:10:00	31.18
10/29/93	10:20:00	31.20
10/29/93	10:30:00	31.21
10/29/93	10:40:00	31.22
10/29/93	10:50:00	31.24

APPENDIX E
AQUIFER PERFORMANCE TEST MEASUREMENTS
LOWER PRODUCTION ZONE

Flow Discharge Measurements from Pumping Well

Flow Meter Readings
Lower Production Zone APT
ICW-2

Date	Time	Flow Meter Reading		Flow Rate (from totalizer) (gallons per minute)
		From Dial Gauge (gallons per minute)	From Totalizer (gallons)	
12/14/93	13:15:00	0	61747725	0
12/14/93	13:16:00	2500	61752400	4675
12/14/93	13:17:00	2510	61755935	3535
12/14/93	13:18:00	2500	61758600	2665
12/14/93	13:19:00	2475	61760900	2300
12/14/93	13:20:00	2475	61762100	1200
12/14/93	13:21:00	2490	61764610	2510
12/14/93	13:22:00	2490	61767330	2720
12/14/93	13:23:00	2490	61769000	1670
12/14/93	13:24:00	2490	61773000	4000
12/14/93	13:25:00	2475	61775300	2300
12/14/93	13:26:00	2490	61777850	2550
12/14/93	13:27:00	2490	61779600	1750
12/14/93	13:28:00	2490	61782600	3000
12/14/93	13:29:00	2490	61785600	3000
12/14/93	13:30:00	2490	61787800	2200
12/14/93	13:31:00	2490	61790700	2900
12/14/93	13:32:00	2490	61793000	2300
12/14/93	13:33:00	2490	61796800	3800
12/14/93	13:34:00	2490	61798800	2000
12/14/93	13:35:00	2490	61800400	1600
12/14/93	13:36:00	2490	61803000	2600
12/14/93	13:37:00	2490	61806900	3900
12/14/93	13:38:00	2490	61808700	1800
12/14/93	13:39:00	2490	61811400	2700
12/14/93	13:40:00	2490	61813900	2500
12/14/93	13:41:00	2490	61816350	2450
12/14/93	13:42:00	2490	61819100	2750
12/14/93	13:43:00	2490	61821700	2600
12/14/93	13:44:00	2490	61824200	2500
12/14/93	13:45:00	2490	61826900	2700
12/14/93	13:46:00	2490	61829700	2800
12/14/93	13:47:00	2490	61832400	2700
12/14/93	13:48:00	2490	61834800	2400
12/14/93	13:49:00	2490	61837550	2750
12/14/93	13:50:00	2490	61840800	3250
12/14/93	13:51:00	2490	61842900	2100
12/14/93	13:52:00	2490	61845400	2500
12/14/93	13:53:00	2490	61848000	2600
12/14/93	13:54:00	2490	61851900	3900
12/14/93	13:55:00	2490	61853700	1800
12/14/93	13:56:00	2490	61856300	2600
12/14/93	13:59:00	2490	61864000	2567
12/14/93	14:02:00	2490	61872000	2667
12/14/93	14:03:00	2480	61874800	2800
12/14/93	14:04:00	2490	61878600	3800
12/14/93	14:05:00	2490	61882800	4200
12/14/93	14:06:00	2490	61883600	800
12/14/93	14:07:00	2490	61886500	2900
12/14/93	14:08:00	2490	61889400	2900
12/14/93	14:09:00	2490	61891900	2500
12/14/93	14:10:00	2490	61893200	1300
12/14/93	14:11:00	2490	61896100	2901
12/14/93	14:12:00	2490	61899950	3850
12/14/93	14:14:00	2490	61905100	2575
12/14/93	14:15:00	2490	61907700	2600
12/14/93	14:20:00	2490	61929600	4380
12/14/93	14:25:00	2490	61932800	640
12/14/93	14:30:00	2490	61946000	2640

Flow Meter Readings
Lower Production Zone APT
ICW-2

Date	Time	Flow Meter Reading		Flow Rate
		From Dial Gauge (gallons per minute)	From Totalizer (gallons)	(from totalizer (gallons per minute))
12/14/93	14:35:00	2490	61959250	2650
12/14/93	14:40:00	2490	61972500	2650
12/14/93	14:45:00	2490	61985700	2640
12/14/93	14:50:00	2490	61998950	2650
12/14/93	14:55:00	2490	62012150	2640
12/14/93	15:00:00	2490	62025400	2650
12/14/93	15:05:00	2490	62038600	2640
12/14/93	15:10:00	2490	62051800	2640
12/14/93	15:15:00	2490	62065000	2640
12/14/93	15:25:00	2490	62091400	2640
12/14/93	15:35:00	2490	62117900	2650
12/14/93	15:45:00	2490	62144300	2640
12/14/93	15:55:00	2490	62170700	2640
12/14/93	16:05:00	2490	62197100	2640
12/14/93	16:15:00	2490	62224500	2740
12/14/93	16:25:00	2490	62250000	2550
12/14/93	16:36:00	2490	62279000	2636
12/14/93	16:46:00	2490	62305250	2625
12/14/93	16:56:00	2490	62331650	2640
12/14/93	17:01:00	2490	62358000	5270
12/14/93	17:16:00	2490	62385000	1800
12/14/93	17:36:00	2490	62424000	1950
12/14/93	17:46:00	2490	62463600	3960
12/14/93	18:01:00	2490	62503200	2640
12/14/93	18:16:00	2490	62542900	2647
12/14/93	18:31:00	2490	62585500	2840
12/14/93	18:46:00	2490	62621150	2377
12/14/93	19:01:00	2490	62661700	2703
12/14/93	19:16:00	2490	62675200	900
12/14/93	19:32:00	2490	62742600	4213
12/14/93	19:47:00	2490	62783500	2727
12/14/93	20:01:00	2490	62819300	2557
12/14/93	20:16:00	2490	62861100	2787
12/14/93	20:31:00	2490	62899200	2540
12/14/93	20:46:00	2490	62938600	2627
12/14/93	21:01:00	2480	62978400	2653
12/14/93	21:16:00	2490	63015600	2480
12/14/93	21:31:55	2490	63058800	2714
12/14/93	21:47:03	2490	63099700	2703
12/14/93	22:02:36	2490	63139000	2527
12/14/93	22:16:28	2490	63175700	2647
12/14/93	22:33:55	2480	63222900	2705
12/14/93	22:46:00	2480	63254900	2648
12/14/93	23:03:00	2490	63300300	2671
12/14/93	23:16:57	2480	63335100	2495
12/15/93	00:15:00	2480	63494200	2741
12/15/93	00:45:00	2490	63574800	2687
12/15/93	01:18:50	2490	63655500	2385
12/15/93	01:48:00	2490	63732400	2637
12/15/93	02:18:00	2490	63812400	2667
12/15/93	03:15:00	2490	63962200	2628
12/15/93	03:45:00	2490	64035600	2447
12/15/93	04:15:00	2490	64118100	2750
12/15/93	04:45:00	2480	64195800	2590
12/15/93	05:25:00	2480	64303500	2692
12/15/93	05:45:00	2480	64360400	2845
12/15/93	06:20:00	2490	64447900	2500
12/15/93	06:46:00	2490	64517000	2658
12/15/93	07:16:00	2490	64594000	2567

Flow Meter Readings
Lower Production Zone APT
ICW-2

Date	Time	Flow Meter Reading		Flow Rate (from totalizer) (gallons per minute)
		From Dial Gauge (gallons per minute)	From Totalizer (gallons)	
12/15/93	07:45:00	2490	64670100	2624
12/15/93	08:16:00	2490	64751200	2616
12/15/93	08:46:00	2475	64839900	2957
12/15/93	09:16:00	2475	64908500	2287
12/15/93	09:46:00	2475	64987100	2620
12/15/93	10:16:00	2475	65065600	2617
12/15/93	10:46:00	2475	65144100	2617
12/15/93	11:16:00	2475	65222700	2620
12/15/93	11:46:00	2475	65301200	2617
12/15/93	12:17:00	2475	65381000	2574
12/15/93	12:46:00	2475	65458700	2679
12/15/93	13:16:00	2475	65537200	2617
12/15/93	13:46:00	2475	65615750	2618
12/15/93	14:16:00	2475	65694150	2613
12/15/93	14:46:00	2475	65772500	2612
12/15/93	15:16:00	2450	65851000	2617
12/15/93	15:46:00	2450	65931000	2667
12/15/93	16:16:00	2450	66007700	2557
12/15/93	16:46:00	2450	66085150	2582
12/15/93	17:16:00	2450	66164400	2642
12/15/93	17:46:00	2450	66242900	2617
12/15/93	18:16:00	2475	66321500	2620
12/15/93	18:46:00	2475	66400100	2620
12/15/93	19:15:00	2475	66478700	2710
12/15/93	19:45:00	2475	66558600	2663
12/15/93	20:15:00	2450	66633900	2510
12/15/93	20:46:00	2450	66714100	2587
12/15/93	21:16:00	2475	66795700	2720
12/15/93	21:46:00	2475	66871800	2537
12/15/93	22:17:00	2450	66955100	2687
12/15/93	22:47:00	2450	67031300	2540
12/15/93	23:16:00	2475	67107200	2617
12/15/93	23:47:00	2475	67188700	2629
12/16/93	00:15:00	2490	67262100	2621
12/16/93	00:50:00	2450	67353700	2617
12/16/93	01:16:00	2500	67423800	2696
12/16/93	01:46:00	2500	67500700	2563
12/16/93	02:15:46	2500	67577400	2577
12/16/93	02:46:00	2490	67660900	2762
12/16/93	03:17:00	2450	67743950	2679
12/16/93	03:50:00	2490	67827300	2526
12/16/93	04:15:00	2490	67890200	2516
12/16/93	04:48:00	2490	67981900	2779
12/16/93	05:52:00	2490	68147500	2588
12/16/93	06:28:00	2490	68244800	2703
12/16/93	06:45:30	2500	68287700	2451
12/16/93	07:16:00	2500	68362200	2443
12/16/93	07:46:00	2490	68447450	2842
12/16/93	08:18:00	2495	68532150	2647
12/16/93	08:46:00	2490	68605600	2623
12/16/93	09:12:00	2475	68673900	2627
12/16/93	09:15:00		68682050	2717
Average Flow (from Totalizer)				2627 gpm

Water Level Measurements

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/09/93	13:15:00	45.18	Pre-test	Pre-test	Pre-test	
12/09/93	13:30:00	45.12	Pre-test	Pre-test	Pre-test	
12/09/93	13:45:00	45.12	Pre-test	Pre-test	Pre-test	
12/09/93	14:00:00	45.13	Pre-test	Pre-test	Pre-test	
12/09/93	14:15:00	45.13	Pre-test	Pre-test	Pre-test	
12/09/93	14:30:00	45.13	Pre-test	Pre-test	Pre-test	
12/09/93	14:45:00	45.13	Pre-test	Pre-test	Pre-test	
12/09/93	15:00:00	45.12	Pre-test	Pre-test	Pre-test	
12/09/93	15:15:00	45.12	Pre-test	Pre-test	Pre-test	
12/09/93	15:30:00	45.12	Pre-test	Pre-test	Pre-test	
12/09/93	15:45:00	45.11	Pre-test	Pre-test	Pre-test	
12/09/93	16:00:00	45.11	Pre-test	Pre-test	Pre-test	
12/09/93	16:15:00	45.10	Pre-test	Pre-test	Pre-test	
12/09/93	16:30:00	45.10	Pre-test	Pre-test	Pre-test	
12/09/93	16:45:00	45.09	Pre-test	Pre-test	Pre-test	
12/09/93	17:00:00	45.09	Pre-test	Pre-test	Pre-test	
12/09/93	17:15:00	45.08	Pre-test	Pre-test	Pre-test	
12/09/93	17:30:00	45.08	Pre-test	Pre-test	Pre-test	
12/09/93	17:45:00	45.06	Pre-test	Pre-test	Pre-test	
12/09/93	18:00:00	45.05	Pre-test	Pre-test	Pre-test	
12/09/93	18:15:00	45.04	Pre-test	Pre-test	Pre-test	
12/09/93	18:30:00	45.03	Pre-test	Pre-test	Pre-test	
12/09/93	18:45:00	45.02	Pre-test	Pre-test	Pre-test	
12/09/93	19:00:00	45.03	Pre-test	Pre-test	Pre-test	
12/09/93	19:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/09/93	19:30:00	44.99	Pre-test	Pre-test	Pre-test	
12/09/93	19:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/09/93	20:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/09/93	20:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/09/93	20:30:00	44.97	Pre-test	Pre-test	Pre-test	
12/09/93	20:45:00	44.96	Pre-test	Pre-test	Pre-test	
12/09/93	21:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/09/93	21:15:00	44.95	Pre-test	Pre-test	Pre-test	
12/09/93	21:30:00	44.95	Pre-test	Pre-test	Pre-test	
12/09/93	21:45:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	22:00:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	22:15:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	22:30:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	22:45:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	23:00:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	23:15:00	44.94	Pre-test	Pre-test	Pre-test	
12/09/93	23:30:00	44.95	Pre-test	Pre-test	Pre-test	
12/09/93	23:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	00:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	00:15:00	44.96	Pre-test	Pre-test	Pre-test	
12/10/93	00:30:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	00:45:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	01:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	01:15:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	01:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	01:45:00	44.99	Pre-test	Pre-test	Pre-test	
12/10/93	02:00:00	44.99	Pre-test	Pre-test	Pre-test	
12/10/93	02:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	02:30:00	45.00	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/10/93	02:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	03:00:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	03:15:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	03:30:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	03:45:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	04:00:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	04:15:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	04:30:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	04:45:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	05:00:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	05:15:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	05:30:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	05:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	06:00:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	06:15:00	44.99	Pre-test	Pre-test	Pre-test	
12/10/93	06:30:00	44.99	Pre-test	Pre-test	Pre-test	
12/10/93	06:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	07:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	07:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	07:30:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	07:45:00	44.96	Pre-test	Pre-test	Pre-test	
12/10/93	08:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	08:15:00	44.94	Pre-test	Pre-test	Pre-test	
12/10/93	08:30:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	08:45:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	09:00:00	44.92	Pre-test	Pre-test	Pre-test	
12/10/93	09:15:00	44.91	Pre-test	Pre-test	Pre-test	
12/10/93	09:30:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	09:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	10:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	10:15:00	44.91	Pre-test	Pre-test	Pre-test	
12/10/93	10:30:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	10:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	11:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	11:15:00	44.91	Pre-test	Pre-test	Pre-test	
12/10/93	11:30:00	44.91	Pre-test	Pre-test	Pre-test	
12/10/93	11:45:00	44.92	Pre-test	Pre-test	Pre-test	
12/10/93	12:00:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	12:15:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	12:30:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	12:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	13:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	13:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	13:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	13:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	14:00:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	14:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	14:30:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	14:45:00	45.02	Pre-test	Pre-test	Pre-test	
12/10/93	15:00:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	15:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	15:30:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	15:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	16:00:00	45.00	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/10/93	16:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	16:30:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	16:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	17:00:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	17:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	17:30:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	17:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/10/93	18:00:00	45.01	Pre-test	Pre-test	Pre-test	
12/10/93	18:15:00	44.98	Pre-test	Pre-test	Pre-test	
12/10/93	18:30:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	18:45:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	19:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/10/93	19:15:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	19:30:00	44.95	Pre-test	Pre-test	Pre-test	
12/10/93	19:45:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	20:00:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	20:15:00	44.92	Pre-test	Pre-test	Pre-test	
12/10/93	20:30:00	44.93	Pre-test	Pre-test	Pre-test	
12/10/93	20:45:00	44.92	Pre-test	Pre-test	Pre-test	
12/10/93	21:00:00	44.92	Pre-test	Pre-test	Pre-test	
12/10/93	21:15:00	44.91	Pre-test	Pre-test	Pre-test	
12/10/93	21:30:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	21:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	22:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	22:15:00	44.90	Pre-test	Pre-test	Pre-test	
12/10/93	22:30:00	44.89	Pre-test	Pre-test	Pre-test	
12/10/93	22:45:00	44.89	Pre-test	Pre-test	Pre-test	
12/10/93	23:00:00	44.89	Pre-test	Pre-test	Pre-test	
12/10/93	23:15:00	44.89	Pre-test	Pre-test	Pre-test	
12/10/93	23:30:00	44.89	Pre-test	Pre-test	Pre-test	
12/10/93	23:45:00	44.89	Pre-test	Pre-test	Pre-test	
12/11/93	00:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	00:15:00	44.91	Pre-test	Pre-test	Pre-test	
12/11/93	00:30:00	44.92	Pre-test	Pre-test	Pre-test	
12/11/93	00:45:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	01:00:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	01:15:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	01:30:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	01:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	02:00:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	02:15:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	02:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	02:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	03:00:00	44.99	Pre-test	Pre-test	Pre-test	
12/11/93	03:15:00	45.00	Pre-test	Pre-test	Pre-test	
12/11/93	03:30:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	03:45:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	04:00:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	04:15:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	04:30:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	04:45:00	45.03	Pre-test	Pre-test	Pre-test	
12/11/93	05:00:00	45.02	Pre-test	Pre-test	Pre-test	
12/11/93	05:15:00	45.01	Pre-test	Pre-test	Pre-test	
12/11/93	05:30:00	45.01	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/11/93	05:45:00	45.00	Pre-test	Pre-test	Pre-test	
12/11/93	06:00:00	45.00	Pre-test	Pre-test	Pre-test	
12/11/93	06:15:00	44.99	Pre-test	Pre-test	Pre-test	
12/11/93	06:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	06:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	07:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	07:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	07:30:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	07:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	08:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	08:15:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	08:30:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	08:45:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	09:00:00	44.92	Pre-test	Pre-test	Pre-test	
12/11/93	09:15:00	44.92	Pre-test	Pre-test	Pre-test	
12/11/93	09:30:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	09:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	10:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	10:15:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	10:30:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	10:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	11:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	11:15:00	44.92	Pre-test	Pre-test	Pre-test	
12/11/93	11:30:00	44.91	Pre-test	Pre-test	Pre-test	
12/11/93	11:45:00	44.91	Pre-test	Pre-test	Pre-test	
12/11/93	12:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	12:15:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	12:30:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	12:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	13:00:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	13:15:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	13:30:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	13:45:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	14:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	14:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	14:30:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	14:45:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	15:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	15:15:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	15:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	15:45:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	16:00:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	16:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	16:30:00	44.98	Pre-test	Pre-test	Pre-test	
12/11/93	16:45:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	17:00:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	17:15:00	44.97	Pre-test	Pre-test	Pre-test	
12/11/93	17:30:00	44.96	Pre-test	Pre-test	Pre-test	
12/11/93	17:45:00	44.95	Pre-test	Pre-test	Pre-test	
12/11/93	18:00:00	44.94	Pre-test	Pre-test	Pre-test	
12/11/93	18:15:00	44.93	Pre-test	Pre-test	Pre-test	
12/11/93	18:30:00	44.92	Pre-test	Pre-test	Pre-test	
12/11/93	18:45:00	44.90	Pre-test	Pre-test	Pre-test	
12/11/93	19:00:00	44.90	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/11/93	19:15:00	44.89	Pre-test	Pre-test	Pre-test	
12/11/93	19:30:00	44.88	Pre-test	Pre-test	Pre-test	
12/11/93	19:45:00	44.88	Pre-test	Pre-test	Pre-test	
12/11/93	20:00:00	44.86	Pre-test	Pre-test	Pre-test	
12/11/93	20:15:00	44.85	Pre-test	Pre-test	Pre-test	
12/11/93	20:30:00	44.84	Pre-test	Pre-test	Pre-test	
12/11/93	20:45:00	44.83	Pre-test	Pre-test	Pre-test	
12/11/93	21:00:00	44.82	Pre-test	Pre-test	Pre-test	
12/11/93	21:15:00	44.81	Pre-test	Pre-test	Pre-test	
12/11/93	21:30:00	44.80	Pre-test	Pre-test	Pre-test	
12/11/93	21:45:00	44.80	Pre-test	Pre-test	Pre-test	
12/11/93	22:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/11/93	22:15:00	44.78	Pre-test	Pre-test	Pre-test	
12/11/93	22:30:00	44.78	Pre-test	Pre-test	Pre-test	
12/11/93	22:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/11/93	23:00:00	44.77	Pre-test	Pre-test	Pre-test	
12/11/93	23:15:00	44.76	Pre-test	Pre-test	Pre-test	
12/11/93	23:30:00	44.76	Pre-test	Pre-test	Pre-test	
12/11/93	23:45:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	00:00:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	00:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	00:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	00:45:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	01:00:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	01:15:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	01:30:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	01:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	02:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	02:15:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	02:30:00	44.79	Pre-test	Pre-test	Pre-test	
12/12/93	02:45:00	44.79	Pre-test	Pre-test	Pre-test	
12/12/93	03:00:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	03:15:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	03:30:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	03:45:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	04:00:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	04:15:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	04:30:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	04:45:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	05:00:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	05:15:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	05:30:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	05:45:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	06:00:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	06:15:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	06:30:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	06:45:00	44.81	Pre-test	Pre-test	Pre-test	
12/12/93	07:00:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	07:15:00	44.80	Pre-test	Pre-test	Pre-test	
12/12/93	07:30:00	44.79	Pre-test	Pre-test	Pre-test	
12/12/93	07:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	08:00:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	08:15:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	08:30:00	44.75	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/12/93	08:45:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	09:00:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	09:15:00	44.74	Pre-test	Pre-test	Pre-test	
12/12/93	09:30:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	09:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	10:00:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	10:15:00	44.72	Pre-test	Pre-test	Pre-test	
12/12/93	10:30:00	44.71	Pre-test	Pre-test	Pre-test	
12/12/93	10:45:00	44.72	Pre-test	Pre-test	Pre-test	
12/12/93	11:00:00	44.71	Pre-test	Pre-test	Pre-test	
12/12/93	11:15:00	44.71	Pre-test	Pre-test	Pre-test	
12/12/93	11:30:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	11:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	12:00:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	12:15:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	12:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	12:45:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	13:00:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	13:15:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	13:30:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	13:45:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	14:00:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	14:15:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	14:30:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	14:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	15:00:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	15:15:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	15:30:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	15:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	16:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	16:15:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	16:30:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	16:45:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	17:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/12/93	17:15:00	44.77	Pre-test	Pre-test	Pre-test	
12/12/93	17:30:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	17:45:00	44.76	Pre-test	Pre-test	Pre-test	
12/12/93	18:00:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	18:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/12/93	18:30:00	44.74	Pre-test	Pre-test	Pre-test	
12/12/93	18:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	19:00:00	44.73	Pre-test	Pre-test	Pre-test	
12/12/93	19:15:00	44.71	Pre-test	Pre-test	Pre-test	
12/12/93	19:30:00	44.71	Pre-test	Pre-test	Pre-test	
12/12/93	19:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/12/93	20:00:00	44.69	Pre-test	Pre-test	Pre-test	
12/12/93	20:15:00	44.68	Pre-test	Pre-test	Pre-test	
12/12/93	20:30:00	44.68	Pre-test	Pre-test	Pre-test	
12/12/93	20:45:00	44.68	Pre-test	Pre-test	Pre-test	
12/12/93	21:00:00	44.67	Pre-test	Pre-test	Pre-test	
12/12/93	21:15:00	44.66	Pre-test	Pre-test	Pre-test	
12/12/93	21:30:00	44.66	Pre-test	Pre-test	Pre-test	
12/12/93	21:45:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	22:00:00	44.65	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/12/93	22:15:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	22:30:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	22:45:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	23:00:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	23:15:00	44.64	Pre-test	Pre-test	Pre-test	
12/12/93	23:30:00	44.65	Pre-test	Pre-test	Pre-test	
12/12/93	23:45:00	44.65	Pre-test	Pre-test	Pre-test	
12/13/93	00:00:00	44.65	Pre-test	Pre-test	Pre-test	
12/13/93	00:15:00	44.65	Pre-test	Pre-test	Pre-test	
12/13/93	00:30:00	44.65	Pre-test	Pre-test	Pre-test	
12/13/93	00:45:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	01:00:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	01:15:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	01:30:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	01:45:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	02:00:00	44.67	Pre-test	Pre-test	Pre-test	
12/13/93	02:15:00	44.68	Pre-test	Pre-test	Pre-test	
12/13/93	02:30:00	44.68	Pre-test	Pre-test	Pre-test	
12/13/93	02:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	03:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	03:15:00	44.71	Pre-test	Pre-test	Pre-test	
12/13/93	03:30:00	44.71	Pre-test	Pre-test	Pre-test	
12/13/93	03:45:00	44.71	Pre-test	Pre-test	Pre-test	
12/13/93	04:00:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	04:15:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	04:30:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	04:45:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	05:00:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	05:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	05:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	05:45:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	06:00:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	06:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	06:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	06:45:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	07:00:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	07:15:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	07:30:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	07:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	08:00:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	08:15:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	08:30:00	44.71	Pre-test	Pre-test	Pre-test	
12/13/93	08:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	09:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	09:15:00	44.68	Pre-test	Pre-test	Pre-test	
12/13/93	09:30:00	44.68	Pre-test	Pre-test	Pre-test	
12/13/93	09:45:00	44.63	Pre-test	Pre-test	Pre-test	
12/13/93	10:00:00	44.68	Pre-test	Pre-test	Pre-test	
12/13/93	10:15:00	44.67	Pre-test	Pre-test	Pre-test	
12/13/93	10:30:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	10:45:00	44.67	Pre-test	Pre-test	Pre-test	
12/13/93	11:00:00	44.66	Pre-test	Pre-test	Pre-test	
12/13/93	11:15:00	44.67	Pre-test	Pre-test	Pre-test	
12/13/93	11:30:00	44.68	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/13/93	11:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	12:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	12:15:00	44.69	Pre-test	Pre-test	Pre-test	
12/13/93	12:30:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	12:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	13:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	13:15:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	13:30:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	13:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	14:00:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	14:15:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	14:30:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	14:45:00	44.71	Pre-test	Pre-test	Pre-test	
12/13/93	15:00:00	44.74	Pre-test	Pre-test	Pre-test	
12/13/93	15:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	15:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	15:45:00	44.77	Pre-test	Pre-test	Pre-test	
12/13/93	16:00:00	44.77	Pre-test	Pre-test	Pre-test	
12/13/93	16:15:00	44.77	Pre-test	Pre-test	Pre-test	
12/13/93	16:30:00	44.76	Pre-test	Pre-test	Pre-test	
12/13/93	16:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/13/93	17:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/13/93	17:15:00	44.78	Pre-test	Pre-test	Pre-test	
12/13/93	17:30:00	44.80	Pre-test	Pre-test	Pre-test	
12/13/93	17:45:00	44.80	Pre-test	Pre-test	Pre-test	
12/13/93	18:00:00	44.80	Pre-test	Pre-test	Pre-test	
12/13/93	18:15:00	44.79	Pre-test	Pre-test	Pre-test	
12/13/93	18:30:00	44.79	Pre-test	Pre-test	Pre-test	
12/13/93	18:45:00	44.78	Pre-test	Pre-test	Pre-test	
12/13/93	19:00:00	44.78	Pre-test	Pre-test	Pre-test	
12/13/93	19:15:00	44.77	Pre-test	Pre-test	Pre-test	
12/13/93	19:30:00	44.77	Pre-test	Pre-test	Pre-test	
12/13/93	19:45:00	44.76	Pre-test	Pre-test	Pre-test	
12/13/93	20:00:00	44.76	Pre-test	Pre-test	Pre-test	
12/13/93	20:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/13/93	20:30:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	20:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	21:00:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	21:15:00	44.73	Pre-test	Pre-test	Pre-test	
12/13/93	21:30:00	44.72	Pre-test	Pre-test	Pre-test	
12/13/93	21:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	22:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	22:15:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	22:30:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	22:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	23:00:00	44.69	Pre-test	Pre-test	Pre-test	
12/13/93	23:15:00	44.69	Pre-test	Pre-test	Pre-test	
12/13/93	23:30:00	44.70	Pre-test	Pre-test	Pre-test	
12/13/93	23:45:00	44.70	Pre-test	Pre-test	Pre-test	
12/14/93	00:00:00	44.70	Pre-test	Pre-test	Pre-test	
12/14/93	00:15:00	44.70	Pre-test	Pre-test	Pre-test	
12/14/93	00:30:00	44.70	Pre-test	Pre-test	Pre-test	
12/14/93	00:45:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	01:00:00	44.71	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/14/93	01:15:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	01:30:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	01:45:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	02:00:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	02:15:00	44.72	Pre-test	Pre-test	Pre-test	
12/14/93	02:30:00	44.73	Pre-test	Pre-test	Pre-test	
12/14/93	02:45:00	44.73	Pre-test	Pre-test	Pre-test	
12/14/93	03:00:00	44.74	Pre-test	Pre-test	Pre-test	
12/14/93	03:15:00	44.75	Pre-test	Pre-test	Pre-test	
12/14/93	03:30:00	44.75	Pre-test	Pre-test	Pre-test	
12/14/93	03:45:00	44.76	Pre-test	Pre-test	Pre-test	
12/14/93	04:00:00	44.76	Pre-test	Pre-test	Pre-test	
12/14/93	04:15:00	44.78	Pre-test	Pre-test	Pre-test	
12/14/93	04:30:00	44.78	Pre-test	Pre-test	Pre-test	
12/14/93	04:45:00	44.79	Pre-test	Pre-test	Pre-test	
12/14/93	05:00:00	44.80	Pre-test	Pre-test	Pre-test	
12/14/93	05:15:00	44.80	Pre-test	Pre-test	Pre-test	
12/14/93	05:30:00	44.81	Pre-test	Pre-test	Pre-test	
12/14/93	05:45:00	44.81	Pre-test	Pre-test	Pre-test	
12/14/93	06:00:00	44.82	Pre-test	Pre-test	Pre-test	
12/14/93	06:15:00	44.83	Pre-test	Pre-test	Pre-test	
12/14/93	06:30:00	44.83	Pre-test	Pre-test	Pre-test	
12/14/93	06:45:00	44.84	Pre-test	Pre-test	Pre-test	
12/14/93	07:00:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	07:15:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	07:30:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	07:45:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	08:00:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	08:15:00	44.84	Pre-test	Pre-test	Pre-test	
12/14/93	08:30:00	44.81	Pre-test	Pre-test	Pre-test	
12/14/93	08:45:00	44.81	Pre-test	Pre-test	Pre-test	
12/14/93	09:00:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	09:15:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	09:30:00	44.86	Pre-test	Pre-test	Pre-test	
12/14/93	09:45:00	44.86	Pre-test	Pre-test	Pre-test	
12/14/93	10:00:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	10:15:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	10:30:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	10:40:00	44.84	Pre-test	Pre-test	Pre-test	
12/14/93	10:41:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	10:42:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	10:43:00	44.85	Pre-test	Pre-test	Pre-test	
12/14/93	10:44:00	44.86	Pre-test	Pre-test	Pre-test	
12/14/93	10:45:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	10:46:00	44.79	Pre-test	Pre-test	Pre-test	
12/14/93	10:47:00	44.77	Pre-test	Pre-test	Pre-test	
12/14/93	10:48:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	10:49:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	10:50:00	44.70	Pre-test	Pre-test	Pre-test	
12/14/93	10:51:00	44.71	Pre-test	Pre-test	Pre-test	
12/14/93	10:52:00	44.66	Pre-test	Pre-test	Pre-test	
12/14/93	10:53:00	44.57	Pre-test	Pre-test	Pre-test	
12/14/93	10:54:00	44.57	Pre-test	Pre-test	Pre-test	
12/14/93	10:54:00	44.57	Pre-test	Pre-test	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/14/93	10:55:00	44.57	Pre-test	Pre-test	Pre-test	
12/14/93	10:56:00	44.79	Pre-test	Pre-test	Pre-test	
12/14/93	10:57:00	44.88	Pre-test	Pre-test	Pre-test	
12/14/93	10:58:00	44.92	Pre-test	Pre-test	Pre-test	
12/14/93	10:59:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	11:00:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	11:01:00	44.89	Pre-test	Pre-test	Pre-test	
12/14/93	11:02:00	44.89	Pre-test	Pre-test	Pre-test	
12/14/93	11:03:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	11:04:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	11:05:00	44.89	Pre-test	Pre-test	Pre-test	
12/14/93	11:06:00	44.89	Pre-test	Pre-test	Pre-test	
12/14/93	11:10:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	11:20:00	44.87	Pre-test	Pre-test	Pre-test	
12/14/93	11:30:00	44.88	Pre-test	Pre-test	Pre-test	
12/14/93	11:40:00	44.91	Pre-test	Pre-test	Pre-test	
12/14/93	11:50:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	12:00:00	44.91	Pre-test	Pre-test	Pre-test	
12/14/93	12:10:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	12:20:00	44.92	Pre-test	Pre-test	Pre-test	
12/14/93	12:30:00	44.92	Pre-test	Pre-test	Pre-test	
12/14/93	12:40:00	44.90	Pre-test	Pre-test	Pre-test	
12/14/93	12:50:00	44.95	Pre-test	Pre-test	Pre-test	
12/14/93	13:00:00	44.92	Pre-test	Pre-test	Pre-test	
12/14/93	13:10:00	44.89	Pre-test	Pre-test	Pre-test	
12/14/93	13:15:00	44.92	44.90	0.00	-0.02	Begin Pumping
12/14/93	13:15:01	44.92	44.90	0.01667	-0.02	
12/14/93	13:15:02	44.92	44.90	0.03333	-0.02	
12/14/93	13:15:03	44.90	44.90	0.05	0.00	
12/14/93	13:15:04	44.90	44.90	0.06667	0.00	
12/14/93	13:15:05	44.88	44.90	0.08333	0.02	
12/14/93	13:15:06	44.87	44.90	0.1	0.03	
12/14/93	13:15:07	44.85	44.90	0.11667	0.05	
12/14/93	13:15:08	44.83	44.90	0.13333	0.07	
12/14/93	13:15:09	44.81	44.90	0.15	0.09	
12/14/93	13:15:10	44.78	44.90	0.16667	0.12	
12/14/93	13:15:11	44.76	44.90	0.18333	0.14	
12/14/93	13:15:12	44.73	44.90	0.2	0.17	
12/14/93	13:15:13	44.71	44.90	0.21667	0.19	
12/14/93	13:15:14	44.70	44.90	0.23333	0.20	
12/14/93	13:15:15	44.70	44.90	0.25	0.20	
12/14/93	13:15:16	44.69	44.90	0.26667	0.21	
12/14/93	13:15:17	44.68	44.90	0.28333	0.22	
12/14/93	13:15:18	44.69	44.90	0.3	0.21	
12/14/93	13:15:19	44.68	44.90	0.31667	0.22	
12/14/93	13:15:20	44.68	44.90	0.33333	0.22	
12/14/93	13:15:21	44.68	44.90	0.35	0.22	
12/14/93	13:15:22	44.68	44.90	0.36667	0.22	
12/14/93	13:15:23	44.68	44.90	0.38333	0.22	
12/14/93	13:15:24	44.66	44.90	0.4	0.24	
12/14/93	13:15:25	44.66	44.90	0.41667	0.24	
12/14/93	13:15:26	44.66	44.90	0.43333	0.24	
12/14/93	13:15:27	44.65	44.90	0.45	0.25	
12/14/93	13:15:28	44.65	44.90	0.46667	0.25	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/14/93	13:15:29	44.65	44.90	0.48333	0.25	
12/14/93	13:15:30	44.64	44.90	0.5	0.26	
12/14/93	13:15:31	44.64	44.90	0.51667	0.26	
12/14/93	13:15:32	44.64	44.90	0.53333	0.26	
12/14/93	13:15:33	44.65	44.90	0.55	0.25	
12/14/93	13:15:34	44.65	44.90	0.56667	0.25	
12/14/93	13:15:35	44.65	44.90	0.58333	0.25	
12/14/93	13:15:36	44.65	44.90	0.6	0.25	
12/14/93	13:15:37	44.65	44.90	0.61667	0.25	
12/14/93	13:15:38	44.65	44.90	0.63333	0.25	
12/14/93	13:15:39	44.66	44.90	0.65	0.24	
12/14/93	13:15:40	44.65	44.90	0.66667	0.25	
12/14/93	13:15:41	44.65	44.90	0.68333	0.25	
12/14/93	13:15:42	44.64	44.90	0.7	0.26	
12/14/93	13:15:43	44.63	44.90	0.71667	0.27	
12/14/93	13:15:44	44.63	44.90	0.73333	0.27	
12/14/93	13:15:45	44.63	44.90	0.75	0.27	
12/14/93	13:15:46	44.64	44.90	0.76667	0.26	
12/14/93	13:15:47	44.63	44.90	0.78333	0.27	
12/14/93	13:15:48	44.63	44.90	0.8	0.27	
12/14/93	13:15:49	44.63	44.90	0.81667	0.27	
12/14/93	13:15:50	44.63	44.90	0.83333	0.27	
12/14/93	13:15:51	44.63	44.90	0.85	0.27	
12/14/93	13:15:52	44.63	44.90	0.86667	0.27	
12/14/93	13:15:53	44.63	44.90	0.88333	0.27	
12/14/93	13:15:54	44.63	44.90	0.9	0.27	
12/14/93	13:15:55	44.63	44.90	0.91667	0.27	
12/14/93	13:15:56	44.63	44.90	0.93333	0.27	
12/14/93	13:15:57	44.62	44.90	0.95	0.28	
12/14/93	13:15:58	44.62	44.90	0.96667	0.28	
12/14/93	13:15:59	44.63	44.90	0.98333	0.27	
12/14/93	13:16:00	44.62	44.90	1	0.28	
12/14/93	13:16:10	44.61	44.90	1.16667	0.29	
12/14/93	13:16:20	44.61	44.90	1.33333	0.29	
12/14/93	13:16:30	44.61	44.90	1.5	0.29	
12/14/93	13:16:40	44.61	44.90	1.66667	0.29	
12/14/93	13:16:50	44.60	44.90	1.83333	0.30	
12/14/93	13:17:00	44.60	44.90	2	0.30	
12/14/93	13:17:10	44.60	44.90	2.16667	0.30	
12/14/93	13:17:20	44.61	44.90	2.33333	0.29	
12/14/93	13:17:30	44.61	44.90	2.5	0.29	
12/14/93	13:17:40	44.61	44.90	2.66667	0.29	
12/14/93	13:17:50	44.61	44.90	2.83333	0.29	
12/14/93	13:18:00	44.60	44.90	3	0.30	
12/14/93	13:18:10	44.60	44.90	3.16667	0.30	
12/14/93	13:18:20	44.60	44.90	3.33333	0.30	
12/14/93	13:18:30	44.60	44.90	3.5	0.30	
12/14/93	13:18:40	44.60	44.90	3.66667	0.30	
12/14/93	13:18:50	44.60	44.90	3.83333	0.30	
12/14/93	13:19:00	44.61	44.90	4	0.29	
12/14/93	13:19:10	44.61	44.90	4.16667	0.29	
12/14/93	13:19:20	44.61	44.90	4.33333	0.29	
12/14/93	13:19:30	44.61	44.90	4.5	0.29	
12/14/93	13:19:40	44.61	44.90	4.66667	0.29	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/14/93	13:19:50	44.61	44.90	4.83333	0.29	
12/14/93	13:20:00	44.61	44.90	5	0.29	
12/14/93	13:20:30	44.61	44.90	5.5	0.29	
12/14/93	13:21:00	44.61	44.90	6	0.29	
12/14/93	13:22:00	44.61	44.90	7	0.29	
12/14/93	13:23:00	44.61	44.90	8	0.29	
12/14/93	13:24:00	44.64	44.90	9	0.26	
12/14/93	13:25:00	44.65	44.90	10	0.25	
12/14/93	13:26:00	44.64	44.90	11	0.26	
12/14/93	13:27:00	44.65	44.90	12	0.25	
12/14/93	13:28:00	44.63	44.90	13	0.27	
12/14/93	13:29:00	44.63	44.90	14	0.27	
12/14/93	13:30:00	44.63	44.90	15	0.27	
12/14/93	13:31:00	44.62	44.90	16	0.28	
12/14/93	13:32:00	44.63	44.90	17	0.27	
12/14/93	13:33:00	44.61	44.90	18	0.29	
12/14/93	13:34:00	44.61	44.90	19	0.29	
12/14/93	13:35:00	44.62	44.90	20	0.28	
12/14/93	13:36:00	44.61	44.90	21	0.29	
12/14/93	13:37:00	44.61	44.90	22	0.29	
12/14/93	13:38:00	44.62	44.90	23	0.28	
12/14/93	13:39:00	44.61	44.90	24	0.29	
12/14/93	13:40:00	44.61	44.90	25	0.29	
12/14/93	13:41:00	44.61	44.90	26	0.29	
12/14/93	13:42:00	44.62	44.90	27	0.28	
12/14/93	13:43:00	44.61	44.90	28	0.29	
12/14/93	13:44:00	44.61	44.90	29	0.29	
12/14/93	13:45:00	44.63	44.90	30	0.27	
12/14/93	13:46:00	44.60	44.90	31	0.30	
12/14/93	13:47:00	44.62	44.90	32	0.28	
12/14/93	13:48:00	44.61	44.90	33	0.29	
12/14/93	13:49:00	44.61	44.90	34	0.29	
12/14/93	13:50:00	44.61	44.90	35	0.29	
12/14/93	13:51:00	44.61	44.90	36	0.29	
12/14/93	13:52:00	44.61	44.90	37	0.29	
12/14/93	13:53:00	44.61	44.90	38	0.29	
12/14/93	13:54:00	44.61	44.90	39	0.29	
12/14/93	13:55:00	44.61	44.90	40	0.29	
12/14/93	13:55:00	44.59	44.90	40	0.31	
12/14/93	14:00:00	44.60	44.90	45	0.30	
12/14/93	14:05:00	44.64	44.90	50	0.26	
12/14/93	14:10:00	44.60	44.90	55	0.30	
12/14/93	14:15:00	44.65	44.89	60	0.24	
12/14/93	14:20:00	44.63	44.89	65	0.26	
12/14/93	14:25:00	44.62	44.89	70	0.27	
12/14/93	14:30:00	44.63	44.89	75	0.26	
12/14/93	14:35:00	44.61	44.89	80	0.28	
12/14/93	14:40:00	44.63	44.89	85	0.26	
12/14/93	14:45:00	44.62	44.89	90	0.27	
12/14/93	14:50:00	44.62	44.89	95	0.27	
12/14/93	14:55:00	44.62	44.89	100	0.27	
12/14/93	15:00:00	44.62	44.89	105	0.27	
12/14/93	15:05:00	44.62	44.89	110	0.27	
12/14/93	15:10:00	44.62	44.89	115	0.27	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/14/93	15:15:00	44.61	44.89	120	0.28	
12/14/93	15:20:00	44.65	44.88	125	0.23	
12/14/93	15:25:00	44.62	44.88	130	0.26	
12/14/93	15:30:00	44.62	44.88	135	0.26	
12/14/93	15:40:00	44.66	44.88	145	0.22	
12/14/93	15:50:00	44.63	44.88	155	0.25	
12/14/93	16:00:00	44.63	44.88	165	0.25	
12/14/93	16:10:00	44.63	44.88	175	0.25	
12/14/93	16:20:00	44.63	44.87	185	0.24	
12/14/93	16:30:00	44.63	44.87	195	0.24	
12/14/93	16:40:00	44.63	44.87	205	0.24	
12/14/93	16:50:00	44.63	44.87	215	0.24	
12/14/93	17:00:00	44.63	44.87	225	0.24	
12/14/93	17:10:00	44.63	44.87	235	0.24	
12/14/93	17:20:00	44.63	44.86	245	0.23	
12/14/93	17:30:00	44.64	44.86	255	0.22	
12/14/93	17:40:00	44.63	44.86	265	0.23	
12/14/93	17:50:00	44.64	44.86	275	0.22	
12/14/93	18:00:00	44.63	44.86	285	0.23	
12/14/93	18:10:00	44.62	44.86	295	0.24	
12/14/93	18:20:00	44.61	44.86	305	0.25	
12/14/93	18:30:00	44.61	44.85	315	0.24	
12/14/93	18:40:00	44.61	44.85	325	0.24	
12/14/93	18:50:00	44.60	44.85	335	0.25	
12/14/93	19:00:00	44.61	44.85	345	0.24	
12/14/93	19:10:00	44.60	44.85	355	0.25	
12/14/93	19:20:00	44.60	44.85	365	0.25	
12/14/93	19:30:00	44.59	44.84	375	0.25	
12/14/93	19:40:00	44.59	44.84	385	0.25	
12/14/93	19:50:00	44.58	44.84	395	0.26	
12/14/93	20:00:00	44.58	44.84	405	0.26	
12/14/93	20:10:00	44.58	44.84	415	0.26	
12/14/93	20:20:00	44.57	44.84	425	0.27	
12/14/93	20:30:00	44.57	44.83	435	0.26	
12/14/93	20:40:00	44.57	44.83	445	0.26	
12/14/93	20:50:00	44.57	44.83	455	0.26	
12/14/93	21:00:00	44.56	44.83	465	0.27	
12/14/93	21:10:00	44.55	44.83	475	0.28	
12/14/93	21:20:00	44.55	44.83	485	0.28	
12/14/93	21:30:00	44.55	44.83	495	0.28	
12/14/93	21:40:00	44.54	44.82	505	0.28	
12/14/93	21:50:00	44.53	44.82	515	0.29	
12/14/93	22:00:00	44.52	44.82	525	0.30	
12/14/93	22:10:00	44.52	44.82	535	0.30	
12/14/93	22:20:00	44.51	44.82	545	0.31	
12/14/93	22:30:00	44.50	44.82	555	0.32	
12/14/93	22:40:00	44.50	44.81	565	0.31	
12/14/93	22:50:00	44.50	44.81	575	0.31	
12/14/93	23:00:00	44.50	44.81	585	0.31	
12/14/93	23:10:00	44.49	44.81	595	0.32	
12/14/93	23:20:00	44.49	44.81	605	0.32	
12/14/93	23:30:00	44.48	44.81	615	0.33	
12/14/93	23:40:00	44.48	44.81	625	0.33	
12/14/93	23:50:00	44.48	44.80	635	0.32	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/15/93	00:00:00	44.48	44.80	645	0.32	
12/15/93	00:10:00	44.48	44.80	655	0.32	
12/15/93	00:20:00	44.47	44.80	665	0.33	
12/15/93	00:30:00	44.47	44.80	675	0.33	
12/15/93	00:40:00	44.47	44.80	685	0.33	
12/15/93	00:50:00	44.47	44.80	695	0.33	
12/15/93	01:00:00	44.47	44.79	705	0.32	
12/15/93	01:10:00	44.47	44.79	715	0.32	
12/15/93	01:20:00	44.46	44.79	725	0.33	
12/15/93	01:30:00	44.46	44.79	735	0.33	
12/15/93	01:40:00	44.46	44.79	745	0.33	
12/15/93	01:50:00	44.46	44.79	755	0.33	
12/15/93	02:00:00	44.46	44.79	765	0.33	
12/15/93	02:10:00	44.46	44.78	775	0.32	
12/15/93	02:20:00	44.46	44.78	785	0.32	
12/15/93	02:30:00	44.46	44.78	795	0.32	
12/15/93	02:40:00	44.47	44.78	805	0.31	
12/15/93	02:50:00	44.47	44.78	815	0.31	
12/15/93	03:00:00	44.47	44.78	825	0.31	
12/15/93	03:10:00	44.48	44.78	835	0.30	
12/15/93	03:20:00	44.48	44.77	845	0.29	
12/15/93	03:30:00	44.48	44.77	855	0.29	
12/15/93	03:40:00	44.48	44.77	865	0.29	
12/15/93	03:50:00	44.48	44.77	875	0.29	
12/15/93	04:00:00	44.48	44.77	885	0.29	
12/15/93	04:10:00	44.48	44.77	895	0.29	
12/15/93	04:20:00	44.48	44.77	905	0.29	
12/15/93	04:30:00	44.49	44.76	915	0.27	
12/15/93	04:40:00	44.49	44.76	925	0.27	
12/15/93	04:50:00	44.49	44.76	935	0.27	
12/15/93	05:00:00	44.50	44.76	945	0.26	
12/15/93	05:10:00	44.50	44.76	955	0.26	
12/15/93	05:20:00	44.50	44.76	965	0.26	
12/15/93	05:30:00	44.49	44.76	975	0.27	
12/15/93	05:40:00	44.50	44.75	985	0.25	
12/15/93	05:50:00	44.50	44.75	995	0.25	
12/15/93	06:00:00	44.49	44.75	1005	0.26	
12/15/93	06:10:00	44.49	44.75	1015	0.26	
12/15/93	06:20:00	44.49	44.75	1025	0.26	
12/15/93	06:30:00	44.49	44.75	1035	0.26	
12/15/93	06:40:00	44.48	44.75	1045	0.27	
12/15/93	06:50:00	44.48	44.74	1055	0.26	
12/15/93	07:00:00	44.46	44.74	1065	0.28	
12/15/93	07:10:00	44.49	44.74	1075	0.25	
12/15/93	07:20:00	44.48	44.74	1085	0.26	
12/15/93	07:30:00	44.48	44.74	1095	0.26	
12/15/93	07:40:00	44.47	44.74	1105	0.27	
12/15/93	07:50:00	44.47	44.74	1115	0.27	
12/15/93	08:00:00	44.46	44.73	1125	0.27	
12/15/93	08:10:00	44.46	44.73	1135	0.27	
12/15/93	08:20:00	44.45	44.73	1145	0.28	
12/15/93	08:30:00	44.45	44.73	1155	0.28	
12/15/93	08:40:00	44.45	44.73	1165	0.28	
12/15/93	08:50:00	44.42	44.73	1175	0.31	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/15/93	09:00:00	44.45	44.73	1185	0.28	
12/15/93	09:10:00	44.42	44.73	1195	0.31	
12/15/93	09:20:00	44.42	44.72	1205	0.30	
12/15/93	09:30:00	44.42	44.72	1215	0.30	
12/15/93	09:40:00	44.41	44.72	1225	0.31	
12/15/93	09:50:00	44.40	44.72	1235	0.32	
12/15/93	10:00:00	44.40	44.72	1245	0.32	
12/15/93	10:10:00	44.40	44.72	1255	0.32	
12/15/93	10:20:00	44.38	44.72	1265	0.34	
12/15/93	10:30:00	44.39	44.72	1275	0.33	
12/15/93	10:40:00	44.38	44.71	1285	0.33	
12/15/93	10:50:00	44.38	44.71	1295	0.33	
12/15/93	11:00:00	44.39	44.71	1305	0.32	
12/15/93	11:10:00	44.38	44.71	1315	0.33	
12/15/93	11:20:00	44.40	44.71	1325	0.31	
12/15/93	11:30:00	44.39	44.71	1335	0.32	
12/15/93	11:40:00	44.39	44.71	1345	0.32	
12/15/93	11:50:00	44.39	44.70	1355	0.31	
12/15/93	12:00:00	44.40	44.70	1365	0.30	
12/15/93	12:10:00	44.39	44.70	1375	0.31	
12/15/93	12:20:00	44.40	44.70	1385	0.30	
12/15/93	12:30:00	44.40	44.70	1395	0.30	
12/15/93	12:40:00	44.40	44.70	1405	0.30	
12/15/93	12:50:00	44.40	44.70	1415	0.30	
12/15/93	13:00:00	44.40	44.70	1425	0.30	
12/15/93	13:10:00	44.41	44.69	1435	0.28	
12/15/93	13:20:00	44.40	44.69	1445	0.29	
12/15/93	13:30:00	44.40	44.69	1455	0.29	
12/15/93	13:40:00	44.40	44.69	1465	0.29	
12/15/93	13:50:00	44.42	44.69	1475	0.27	
12/15/93	14:00:00	44.41	44.69	1485	0.28	
12/15/93	14:10:00	44.41	44.69	1495	0.28	
12/15/93	14:20:00	44.38	44.69	1505	0.31	
12/15/93	14:30:00	44.43	44.68	1515	0.25	
12/15/93	14:40:00	44.42	44.68	1525	0.26	
12/15/93	14:50:00	44.42	44.68	1535	0.26	
12/15/93	15:00:00	44.42	44.68	1545	0.26	
12/15/93	15:10:00	44.41	44.68	1555	0.27	
12/15/93	15:20:00	44.41	44.68	1565	0.27	
12/15/93	15:30:00	44.42	44.68	1575	0.26	
12/15/93	15:40:00	44.42	44.68	1585	0.26	
12/15/93	15:50:00	44.42	44.68	1595	0.26	
12/15/93	16:00:00	44.42	44.67	1605	0.25	
12/15/93	16:10:00	44.41	44.67	1615	0.26	
12/15/93	16:20:00	44.42	44.67	1625	0.25	
12/15/93	16:30:00	44.42	44.67	1635	0.25	
12/15/93	16:40:00	44.42	44.67	1645	0.25	
12/15/93	16:50:00	44.42	44.67	1655	0.25	
12/15/93	17:00:00	44.42	44.67	1665	0.25	
12/15/93	17:10:00	44.42	44.67	1675	0.25	
12/15/93	17:20:00	44.41	44.66	1685	0.25	
12/15/93	17:30:00	44.41	44.66	1695	0.25	
12/15/93	17:40:00	44.41	44.66	1705	0.25	
12/15/93	17:50:00	44.40	44.66	1715	0.26	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/15/93	18:00:00	44.39	44.66	1725	0.27	
12/15/93	18:10:00	44.39	44.66	1735	0.27	
12/15/93	18:20:00	44.38	44.66	1745	0.28	
12/15/93	18:30:00	44.38	44.66	1755	0.28	
12/15/93	18:40:00	44.38	44.66	1765	0.28	
12/15/93	18:50:00	44.37	44.65	1775	0.28	
12/15/93	19:00:00	44.37	44.65	1785	0.28	
12/15/93	19:10:00	44.37	44.65	1795	0.28	
12/15/93	19:20:00	44.37	44.65	1805	0.28	
12/15/93	19:30:00	44.37	44.65	1815	0.28	
12/15/93	19:40:00	44.37	44.65	1825	0.28	
12/15/93	19:50:00	44.36	44.65	1835	0.29	
12/15/93	20:00:00	44.35	44.65	1845	0.30	
12/15/93	20:10:00	44.35	44.64	1855	0.29	
12/15/93	20:20:00	44.34	44.64	1865	0.30	
12/15/93	20:30:00	44.34	44.64	1875	0.30	
12/15/93	20:40:00	44.34	44.64	1885	0.30	
12/15/93	20:50:00	44.33	44.64	1895	0.31	
12/15/93	21:00:00	44.32	44.64	1905	0.32	
12/15/93	21:10:00	44.32	44.64	1915	0.32	
12/15/93	21:20:00	44.32	44.64	1925	0.32	
12/15/93	21:30:00	44.30	44.64	1935	0.34	
12/15/93	21:40:00	44.30	44.63	1945	0.33	
12/15/93	21:50:00	44.30	44.63	1955	0.33	
12/15/93	22:00:00	44.30	44.63	1965	0.33	
12/15/93	22:10:00	44.29	44.63	1975	0.34	
12/15/93	22:20:00	44.29	44.63	1985	0.34	
12/15/93	22:30:00	44.28	44.63	1995	0.35	
12/15/93	22:40:00	44.27	44.63	2005	0.36	
12/15/93	22:50:00	44.27	44.63	2015	0.36	
12/15/93	23:00:00	44.27	44.63	2025	0.36	
12/15/93	23:10:00	44.27	44.63	2035	0.36	
12/15/93	23:20:00	44.25	44.62	2045	0.37	
12/15/93	23:30:00	44.27	44.62	2055	0.35	
12/15/93	23:40:00	44.26	44.62	2065	0.36	
12/15/93	23:50:00	44.26	44.62	2075	0.36	
12/16/93	00:00:00	44.26	44.62	2085	0.36	
12/16/93	00:10:00	44.26	44.62	2095	0.36	
12/16/93	00:20:00	44.25	44.62	2105	0.37	
12/16/93	00:30:00	44.25	44.62	2115	0.37	
12/16/93	00:40:00	44.25	44.62	2125	0.37	
12/16/93	00:50:00	44.25	44.61	2135	0.36	
12/16/93	01:00:00	44.24	44.61	2145	0.37	
12/16/93	01:10:00	44.24	44.61	2155	0.37	
12/16/93	01:20:00	44.24	44.61	2165	0.37	
12/16/93	01:30:00	44.24	44.61	2175	0.37	
12/16/93	01:40:00	44.24	44.61	2185	0.37	
12/16/93	01:50:00	44.24	44.61	2195	0.37	
12/16/93	02:00:00	44.24	44.61	2205	0.37	
12/16/93	02:10:00	44.23	44.61	2215	0.38	
12/16/93	02:20:00	44.22	44.61	2225	0.39	
12/16/93	02:30:00	44.22	44.60	2235	0.38	
12/16/93	02:40:00	44.22	44.60	2245	0.38	
12/16/93	02:50:00	44.22	44.60	2255	0.38	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External influences (feet)			
12/16/93	03:00:00	44.22	44.60	2265	0.38	
12/16/93	03:10:00	44.22	44.60	2275	0.38	
12/16/93	03:20:00	44.22	44.60	2285	0.38	
12/16/93	03:30:00	44.22	44.60	2295	0.38	
12/16/93	03:40:00	44.22	44.60	2305	0.38	
12/16/93	03:50:00	44.22	44.60	2315	0.38	
12/16/93	04:00:00	44.22	44.60	2325	0.38	
12/16/93	04:10:00	44.22	44.59	2335	0.37	
12/16/93	04:20:00	44.22	44.59	2345	0.37	
12/16/93	04:30:00	44.22	44.59	2355	0.37	
12/16/93	04:40:00	44.22	44.59	2365	0.37	
12/16/93	04:50:00	44.22	44.59	2375	0.37	
12/16/93	05:00:00	44.22	44.59	2385	0.37	
12/16/93	05:10:00	44.22	44.59	2395	0.37	
12/16/93	05:20:00	44.22	44.59	2405	0.37	
12/16/93	05:30:00	44.22	44.59	2415	0.37	
12/16/93	05:40:00	44.22	44.59	2425	0.37	
12/16/93	05:50:00	44.22	44.58	2435	0.36	
12/16/93	06:00:00	44.21	44.58	2445	0.37	
12/16/93	06:10:00	44.22	44.58	2455	0.36	
12/16/93	06:20:00	44.21	44.58	2465	0.37	
12/16/93	06:30:00	44.21	44.58	2475	0.37	
12/16/93	06:40:00	44.21	44.58	2485	0.37	
12/16/93	06:50:00	44.20	44.58	2495	0.38	
12/16/93	07:00:00	44.20	44.58	2505	0.38	
12/16/93	07:10:00	44.20	44.58	2515	0.38	
12/16/93	07:20:00	44.20	44.58	2525	0.38	
12/16/93	07:30:00	44.20	44.58	2535	0.38	
12/16/93	07:40:00	44.19	44.57	2545	0.38	
12/16/93	07:50:00	44.19	44.57	2555	0.38	
12/16/93	08:00:00	44.19	44.57	2565	0.38	
12/16/93	08:10:00	44.19	44.57	2575	0.38	
12/16/93	08:20:00	44.18	44.57	2585	0.39	
12/16/93	08:30:00	44.17	44.57	2595	0.40	
12/16/93	08:40:00	44.17	44.57	2605	0.40	
12/16/93	08:50:00	44.14	44.57	2615	0.43	
12/16/93	09:00:00	44.20	44.57	2625	0.37	
12/16/93	09:10:00	44.14	44.57	2635	0.43	
12/16/93	09:11:00	44.14	44.57	2636	0.43	
12/16/93	09:12:00	44.15	44.57	2637	0.42	
12/16/93	09:13:00	44.15	44.57	2638	0.42	
12/16/93	09:14:00	44.15	44.57	2639	0.42	
12/16/93	09:15:00	44.15	44.57	2640	0.42	End Pumping
12/16/93	09:15:01	44.15	44.57	2640.0166	0.42	
12/16/93	09:15:02	44.15	44.57	2640.0333	0.42	
12/16/93	09:15:03	44.16	44.57	2640.05	0.41	
12/16/93	09:15:04	44.17	44.57	2640.0666	0.40	
12/16/93	09:15:05	44.19	44.57	2640.0833	0.38	
12/16/93	09:15:06	44.22	44.57	2640.1	0.35	
12/16/93	09:15:07	44.24	44.57	2640.1166	0.33	
12/16/93	09:15:08	44.30	44.57	2640.1333	0.27	
12/16/93	09:15:09	44.35	44.57	2640.15	0.22	
12/16/93	09:15:10	44.37	44.57	2640.1666	0.20	
12/16/93	09:15:11	44.41	44.57	2640.1833	0.16	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/16/93	09:15:12	44.42	44.57	2640.2	0.15	
12/16/93	09:15:13	44.43	44.57	2640.2166	0.14	
12/16/93	09:15:14	44.44	44.57	2640.2333	0.13	
12/16/93	09:15:15	44.43	44.57	2640.25	0.14	
12/16/93	09:15:16	44.43	44.57	2640.2666	0.14	
12/16/93	09:15:17	44.42	44.57	2640.2833	0.15	
12/16/93	09:15:18	44.42	44.57	2640.3	0.15	
12/16/93	09:15:19	44.42	44.57	2640.3166	0.15	
12/16/93	09:15:20	44.42	44.57	2640.3333	0.15	
12/16/93	09:15:21	44.42	44.57	2640.35	0.15	
12/16/93	09:15:22	44.43	44.57	2640.3666	0.14	
12/16/93	09:15:23	44.44	44.57	2640.3833	0.13	
12/16/93	09:15:24	44.45	44.57	2640.4	0.12	
12/16/93	09:15:25	44.45	44.57	2640.4166	0.12	
12/16/93	09:15:26	44.47	44.57	2640.4333	0.10	
12/16/93	09:15:27	44.47	44.57	2640.45	0.10	
12/16/93	09:15:28	44.47	44.57	2640.4666	0.10	
12/16/93	09:15:29	44.46	44.57	2640.4833	0.11	
12/16/93	09:15:30	44.46	44.57	2640.5	0.11	
12/16/93	09:15:31	44.45	44.57	2640.5166	0.12	
12/16/93	09:15:32	44.45	44.57	2640.5333	0.12	
12/16/93	09:15:33	44.45	44.57	2640.55	0.12	
12/16/93	09:15:34	44.45	44.57	2640.5666	0.12	
12/16/93	09:15:35	44.45	44.57	2640.5833	0.12	
12/16/93	09:15:36	44.45	44.57	2640.6	0.12	
12/16/93	09:15:37	44.46	44.57	2640.6166	0.11	
12/16/93	09:15:38	44.46	44.57	2640.6333	0.11	
12/16/93	09:15:39	44.47	44.57	2640.65	0.10	
12/16/93	09:15:40	44.47	44.57	2640.6666	0.10	
12/16/93	09:15:41	44.47	44.57	2640.6833	0.10	
12/16/93	09:15:42	44.47	44.57	2640.7	0.10	
12/16/93	09:15:43	44.47	44.57	2640.7166	0.10	
12/16/93	09:15:44	44.47	44.57	2640.7333	0.10	
12/16/93	09:15:45	44.47	44.57	2640.75	0.10	
12/16/93	09:15:46	44.47	44.57	2640.7666	0.10	
12/16/93	09:15:47	44.47	44.57	2640.7833	0.10	
12/16/93	09:15:48	44.47	44.57	2640.8	0.10	
12/16/93	09:15:49	44.47	44.57	2640.8166	0.10	
12/16/93	09:15:50	44.47	44.57	2640.8333	0.10	
12/16/93	09:15:51	44.47	44.57	2640.85	0.10	
12/16/93	09:15:52	44.47	44.57	2640.8666	0.10	
12/16/93	09:15:53	44.48	44.57	2640.8833	0.09	
12/16/93	09:15:54	44.48	44.57	2640.9	0.09	
12/16/93	09:15:55	44.48	44.57	2640.9166	0.09	
12/16/93	09:15:56	44.48	44.57	2640.9333	0.09	
12/16/93	09:15:57	44.48	44.57	2640.95	0.09	
12/16/93	09:15:58	44.48	44.57	2640.9666	0.09	
12/16/93	09:15:59	44.48	44.57	2640.9833	0.09	
12/16/93	09:16:00	44.48	44.57	2641	0.09	
12/16/93	09:16:10	44.48	44.57	2641.1666	0.09	
12/16/93	09:16:20	44.49	44.57	2641.3333	0.08	
12/16/93	09:16:30	44.48	44.57	2641.5	0.09	
12/16/93	09:16:40	44.48	44.57	2641.6666	0.09	
12/16/93	09:16:50	44.48	44.57	2641.8333	0.09	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/16/93	09:17:00	44.49	44.57	2642	0.08	
12/16/93	09:17:10	44.49	44.57	2642.1666	0.08	
12/16/93	09:17:20	44.49	44.57	2642.3333	0.08	
12/16/93	09:17:30	44.49	44.57	2642.5	0.08	
12/16/93	09:17:40	44.49	44.57	2642.6666	0.08	
12/16/93	09:17:50	44.49	44.57	2642.8333	0.08	
12/16/93	09:18:00	44.50	44.57	2643	0.07	
12/16/93	09:18:10	44.50	44.57	2643.1666	0.07	
12/16/93	09:18:20	44.50	44.57	2643.3333	0.07	
12/16/93	09:18:30	44.50	44.57	2643.5	0.07	
12/16/93	09:18:40	44.50	44.57	2643.6666	0.07	
12/16/93	09:18:50	44.50	44.57	2643.8333	0.07	
12/16/93	09:19:00	44.50	44.57	2644	0.07	
12/16/93	09:19:10	44.50	44.57	2644.1666	0.07	
12/16/93	09:19:20	44.50	44.57	2644.3333	0.07	
12/16/93	09:19:30	44.50	44.57	2644.5	0.07	
12/16/93	09:19:40	44.50	44.57	2644.6666	0.07	
12/16/93	09:19:50	44.50	44.57	2644.8333	0.07	
12/16/93	09:20:00	44.50	44.57	2645	0.07	
12/16/93	09:21:00	44.50	44.57	2646	0.07	
12/16/93	09:22:00	44.50	44.56	2647	0.06	
12/16/93	09:23:00	44.50	44.56	2648	0.06	
12/16/93	09:24:00	44.50	44.56	2649	0.06	
12/16/93	09:25:00	44.50	44.56	2650	0.06	
12/16/93	09:26:00	44.50	44.56	2651	0.06	
12/16/93	09:27:00	44.50	44.56	2652	0.06	
12/16/93	09:28:00	44.50	44.56	2653	0.06	
12/16/93	09:29:00	44.51	44.56	2654	0.05	
12/16/93	09:30:00	44.50	44.56	2655	0.06	
12/16/93	09:31:00	44.51	44.56	2656	0.05	
12/16/93	09:32:00	44.54	44.56	2657	0.02	
12/16/93	09:33:00	44.54	44.56	2658	0.02	
12/16/93	09:34:00	44.53	44.56	2659	0.03	
12/16/93	09:35:00	44.53	44.56	2660	0.03	
12/16/93	09:36:00	44.52	44.56	2661	0.04	
12/16/93	09:37:00	44.52	44.56	2662	0.04	
12/16/93	09:38:00	44.52	44.56	2663	0.04	
12/16/93	09:39:00	44.51	44.56	2664	0.05	
12/16/93	09:40:00	44.50	44.56	2665	0.06	
12/16/93	09:41:00	44.51	44.56	2666	0.05	
12/16/93	09:42:00	44.51	44.56	2667	0.05	
12/16/93	09:43:00	44.50	44.56	2668	0.06	
12/16/93	09:44:00	44.50	44.56	2669	0.06	
12/16/93	09:45:00	44.51	44.56	2670	0.05	
12/16/93	09:46:00	44.51	44.56	2671	0.05	
12/16/93	09:47:00	44.50	44.56	2672	0.06	
12/16/93	09:48:00	44.51	44.56	2673	0.05	
12/16/93	09:49:00	44.51	44.56	2674	0.05	
12/16/93	09:50:00	44.51	44.56	2675	0.05	
12/16/93	09:51:00	44.51	44.56	2676	0.05	
12/16/93	09:52:00	44.51	44.56	2677	0.05	
12/16/93	09:53:00	44.50	44.56	2678	0.06	
12/16/93	09:54:00	44.51	44.56	2679	0.05	
12/16/93	09:55:00	44.52	44.56	2680	0.04	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/16/93	09:56:00	44.51	44.56	2681	0.05	
12/16/93	09:57:00	44.51	44.56	2682	0.05	
12/16/93	09:58:00	44.51	44.56	2683	0.05	
12/16/93	09:59:00	44.52	44.56	2684	0.04	
12/16/93	10:00:00	44.51	44.56	2685	0.05	
12/16/93	10:01:00	44.51	44.56	2686	0.05	
12/16/93	10:02:00	44.52	44.56	2687	0.04	
12/16/93	10:03:00	44.48	44.56	2688	0.08	
12/16/93	10:04:00	44.47	44.56	2689	0.09	
12/16/93	10:05:00	44.48	44.56	2690	0.08	
12/16/93	10:10:00	44.50	44.56	2695	0.06	
12/16/93	10:15:00	44.54	44.56	2700	0.02	
12/16/93	10:20:00	44.52	44.56	2705	0.04	
12/16/93	10:25:00	44.52	44.56	2710	0.04	
12/16/93	10:30:00	44.51	44.56	2715	0.05	
12/16/93	10:35:00	44.52	44.56	2720	0.04	
12/16/93	10:40:00	44.52	44.56	2725	0.04	
12/16/93	10:45:00	44.53	44.56	2730	0.03	
12/16/93	10:50:00	44.47	44.56	2735	0.09	
12/16/93	10:55:00	44.52	44.56	2740	0.04	
12/16/93	11:00:00	44.53	44.56	2745	0.03	
12/16/93	11:05:00	44.52	44.56	2750	0.04	
12/16/93	11:10:00	44.53	44.56	2755	0.03	
12/16/93	11:15:00	44.52	44.56	2760	0.04	
12/16/93	11:20:00	44.52	44.55	2765	0.03	
12/16/93	11:25:00	44.53	44.55	2770	0.02	
12/16/93	11:30:00	44.53	44.55	2775	0.02	
12/16/93	11:35:00	44.53	44.55	2780	0.02	
12/16/93	11:40:00	44.53	44.55	2785	0.02	
12/16/93	11:45:00	44.53	44.55	2790	0.02	
12/16/93	11:50:00	44.53	44.55	2795	0.02	
12/16/93	11:55:00	44.53	44.55	2800	0.02	
12/16/93	12:00:00	44.53	44.55	2805	0.02	
12/16/93	12:05:00	44.53	44.55	2810	0.02	
12/16/93	12:10:00	44.53	44.55	2815	0.02	
12/16/93	12:15:00	44.54	44.55	2820	0.01	
12/16/93	12:20:00	44.52	44.55	2825	0.03	
12/16/93	12:20:00	44.51	44.55	2825	0.04	
12/16/93	12:30:00	44.55	44.55	2835	-0.00	
12/16/93	12:40:00	44.55	44.55	2845	-0.00	
12/16/93	12:50:00	44.55	44.55	2855	-0.00	
12/16/93	13:00:00	44.55	44.55	2865	-0.00	
12/16/93	13:10:00	44.56	44.55	2875	-0.01	
12/16/93	13:20:00	44.56	44.54	2885	-0.02	
12/16/93	13:30:00	44.55	44.54	2895	-0.01	
12/16/93	13:40:00	44.56	44.54	2905	-0.02	
12/16/93	13:50:00	44.55	44.54	2915	-0.01	
12/16/93	14:00:00	44.55	44.54	2925	-0.01	
12/16/93	14:10:00	44.55	44.54	2935	-0.01	
12/16/93	14:20:00	44.55	44.54	2945	-0.01	
12/16/93	14:30:00	44.55	44.54	2955	-0.01	
12/16/93	14:40:00	44.56	44.54	2965	-0.02	
12/16/93	14:50:00	44.55	44.54	2975	-0.01	
12/16/93	15:00:00	44.56	44.54	2985	-0.02	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/16/93	15:10:00	44.56	44.54	2995	-0.02	
12/16/93	15:20:00	44.57	44.53	3005	-0.04	
12/16/93	15:30:00	44.57	44.53	3015	-0.04	
12/16/93	15:40:00	44.57	44.53	3025	-0.04	
12/16/93	15:50:00	44.57	44.53	3035	-0.04	
12/16/93	16:00:00	44.57	44.53	3045	-0.04	
12/16/93	16:10:00	44.57	44.53	3055	-0.04	
12/16/93	16:20:00	44.57	44.53	3065	-0.04	
12/16/93	16:30:00	44.57	44.53	3075	-0.04	
12/16/93	16:40:00	44.57	44.53	3085	-0.04	
12/16/93	16:50:00	44.57	44.53	3095	-0.04	
12/16/93	17:00:00	44.57	44.53	3105	-0.04	
12/16/93	17:10:00	44.57	44.53	3115	-0.04	
12/16/93	17:20:00	44.57	44.53	3125	-0.04	
12/16/93	17:30:00	44.57	44.52	3135	-0.05	
12/16/93	17:40:00	44.57	44.52	3145	-0.05	
12/16/93	17:50:00	44.57	44.52	3155	-0.05	
12/16/93	18:00:00	44.57	44.52	3165	-0.05	
12/16/93	18:10:00	44.57	44.52	3175	-0.05	
12/16/93	18:20:00	44.57	44.52	3185	-0.05	
12/16/93	18:30:00	44.57	44.52	3195	-0.05	
12/16/93	18:40:00	44.59	44.52	3205	-0.07	
12/16/93	18:50:00	44.57	44.52	3215	-0.05	
12/16/93	19:00:00	44.56	44.52	3225	-0.04	
12/16/93	19:10:00	44.55	44.52	3235	-0.03	
12/16/93	19:20:00	44.56	44.52	3245	-0.04	
12/16/93	19:30:00	44.56	44.52	3255	-0.04	
12/16/93	19:40:00	44.55	44.52	3265	-0.03	
12/16/93	19:50:00	44.55	44.51	3275	-0.04	
12/16/93	20:00:00	44.54	44.51	3285	-0.03	
12/16/93	20:10:00	44.54	44.51	3295	-0.03	
12/16/93	20:20:00	44.53	44.51	3305	-0.02	
12/16/93	20:30:00	44.53	44.51	3315	-0.02	
12/16/93	20:40:00	44.53	44.51	3325	-0.02	
12/16/93	20:50:00	44.53	44.51	3335	-0.02	
12/16/93	21:00:00	44.52	44.51	3345	-0.01	
12/16/93	21:10:00	44.52	44.51			
12/16/93	21:20:00	44.52	44.51			
12/16/93	21:30:00	44.51	44.51			
12/16/93	21:40:00	44.51	44.51			
12/16/93	21:50:00	44.51	44.51			
12/16/93	22:00:00	44.50	44.51			
12/16/93	22:10:00	44.50	44.51			
12/16/93	22:20:00	44.50	44.50			
12/16/93	22:30:00	44.49	44.50			
12/16/93	22:40:00	44.49	44.50			
12/16/93	22:50:00	44.49	44.50			
12/16/93	23:00:00	44.48	44.50			
12/16/93	23:10:00	44.48	44.50			
12/16/93	23:20:00	44.48	44.50			
12/16/93	23:30:00	44.48	44.50			
12/16/93	23:40:00	44.48	44.50			
12/16/93	23:50:00	44.48	44.50			
12/17/93	00:00:00	44.48	44.50			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water--Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/17/93	00:10:00	44.48	44.50			
12/17/93	00:20:00	44.48	44.50			
12/17/93	00:30:00	44.48	44.50			
12/17/93	00:40:00	44.48	44.50			
12/17/93	00:50:00	44.48	44.50			
12/17/93	01:00:00	44.48	44.49			
12/17/93	01:10:00	44.48	44.49			
12/17/93	01:20:00	44.48	44.49			
12/17/93	01:30:00	44.48	44.49			
12/17/93	01:40:00	44.48	44.49			
12/17/93	01:50:00	44.48	44.49			
12/17/93	02:00:00	44.48	44.49			
12/17/93	02:10:00	44.48	44.49			
12/17/93	02:20:00	44.48	44.49			
12/17/93	02:30:00	44.48	44.49			
12/17/93	02:40:00	44.48	44.49			
12/17/93	02:50:00	44.47	44.49			
12/17/93	03:00:00	44.48	44.49			
12/17/93	03:10:00	44.48	44.49			
12/17/93	03:20:00	44.48	44.49			
12/17/93	03:30:00	44.48	44.49			
12/17/93	03:40:00	44.47	44.49			
12/17/93	03:50:00	44.47	44.48			
12/17/93	04:00:00	44.48	44.48			
12/17/93	04:10:00	44.48	44.48			
12/17/93	04:20:00	44.48	44.48			
12/17/93	04:30:00	44.48	44.48			
12/17/93	04:40:00	44.48	44.48			
12/17/93	04:50:00	44.48	44.48			
12/17/93	05:00:00	44.48	44.48			
12/17/93	05:10:00	44.48	44.48			
12/17/93	05:20:00	44.48	44.48			
12/17/93	05:30:00	44.47	44.48			
12/17/93	05:40:00	44.47	44.48			
12/17/93	05:50:00	44.47	44.48			
12/17/93	06:00:00	44.47	44.48			
12/17/93	06:10:00	44.47	44.48			
12/17/93	06:20:00	44.47	44.48			
12/17/93	06:30:00	44.47	44.48			
12/17/93	06:40:00	44.47	44.48			
12/17/93	06:50:00	44.47	44.47			
12/17/93	07:00:00	44.47	44.47			
12/17/93	07:10:00	44.47	44.47			
12/17/93	07:20:00	44.47	44.47			
12/17/93	07:30:00	44.47	44.47			
12/17/93	07:40:00	44.46	44.47			
12/17/93	07:50:00	44.46	44.47			
12/17/93	08:00:00	44.45	44.47			
12/17/93	08:10:00	44.46	44.47			
12/17/93	08:20:00	44.46	44.47			
12/17/93	08:30:00	44.45	44.47			
12/17/93	08:40:00	44.45	44.47			
12/17/93	08:50:00	44.48	44.47			
12/17/93	09:00:00	44.45	44.47			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water--Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/17/93	09:10:00	44.44	44.47			
12/17/93	09:20:00	44.46	44.47			
12/17/93	09:30:00	44.44	44.47			
12/17/93	09:40:00	44.37	44.47			
12/17/93	09:50:00	44.35	44.47			
12/17/93	10:00:00	44.35	44.47			
12/17/93	10:10:00	44.35	44.47			
12/17/93	10:20:00	44.33	44.46			
12/17/93	10:30:00	44.34	44.46			
12/17/93	10:40:00	44.34	44.46			
12/17/93	10:50:00	44.29	44.46			
12/17/93	11:00:00	44.30	44.46			
12/17/93	11:10:00	44.30	44.46			
12/17/93	11:20:00	44.30	44.46			
12/17/93	11:30:00	44.42	44.46			
12/17/93	11:40:00	44.42	44.46			
12/17/93	11:50:00	44.43	44.46			
12/17/93	12:00:00	44.42	44.46			
12/17/93	12:10:00	44.43	44.46			
12/17/93	12:20:00	44.43	44.46			
12/17/93	12:30:00	44.44	44.46			
12/17/93	12:40:00	44.44	44.46			
12/17/93	12:50:00	44.44	44.46			
12/17/93	13:00:00	44.45	44.46			
12/17/93	13:10:00	44.45	44.46			
12/17/93	13:20:00	44.45	44.46			
12/17/93	13:30:00	44.45	44.46			
12/17/93	13:40:00	44.46	44.46			
12/17/93	13:50:00	44.45	44.46			
12/17/93	14:00:00	44.44	44.46			
12/17/93	14:10:00	44.46	44.46			
12/17/93	14:20:00	44.46	44.46			
12/17/93	14:30:00	44.46	44.45			
12/17/93	14:40:00	44.47	44.45			
12/17/93	14:50:00	44.46	44.45			
12/17/93	15:00:00	44.45	44.45			
12/17/93	15:10:00	44.45	44.45			
12/17/93	15:20:00	44.46	44.45			
12/17/93	15:30:00	44.45	44.45			
12/17/93	15:40:00	44.45	44.45			
12/17/93	15:50:00	44.45	44.45			
12/17/93	16:00:00	44.45	44.45			
12/17/93	16:15:00	44.45	44.45			
12/17/93	16:30:00	44.46	44.45			
12/17/93	16:45:00	44.45	44.45			
12/17/93	17:00:00	44.46	44.45			
12/17/93	17:15:00	44.46	44.45			
12/17/93	17:30:00	44.47	44.45			
12/17/93	17:45:00	44.47	44.45			
12/17/93	18:00:00	44.47	44.45			
12/17/93	18:15:00	44.47	44.45			
12/17/93	18:30:00	44.47	44.45			
12/17/93	18:45:00	44.46	44.45			
12/17/93	19:00:00	44.46	44.45			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/17/93	19:15:00	44.46	44.45			
12/17/93	19:30:00	44.46	44.44			
12/17/93	19:45:00	44.45	44.44			
12/17/93	20:00:00	44.45	44.44			
12/17/93	20:15:00	44.45	44.44			
12/17/93	20:30:00	44.44	44.44			
12/17/93	20:45:00	44.44	44.44			
12/17/93	21:00:00	44.44	44.44			
12/17/93	21:15:00	44.44	44.44			
12/17/93	21:30:00	44.44	44.44			
12/17/93	21:45:00	44.43	44.44			
12/17/93	22:00:00	44.43	44.44			
12/17/93	22:15:00	44.43	44.44			
12/17/93	22:30:00	44.43	44.44			
12/17/93	22:45:00	44.43	44.44			
12/17/93	23:00:00	44.43	44.44			
12/17/93	23:15:00	44.43	44.44			
12/17/93	23:30:00	44.43	44.44			
12/17/93	23:45:00	44.43	44.44			
12/18/93	00:00:00	44.43	44.44			
12/18/93	00:15:00	44.43	44.44			
12/18/93	00:30:00	44.42	44.44			
12/18/93	00:45:00	44.43	44.44			
12/18/93	01:00:00	44.42	44.44			
12/18/93	01:15:00	44.42	44.44			
12/18/93	01:30:00	44.42	44.44			
12/18/93	01:45:00	44.43	44.44			
12/18/93	02:00:00	44.43	44.44			
12/18/93	02:15:00	44.42	44.44			
12/18/93	02:30:00	44.43	44.44			
12/18/93	02:45:00	44.43	44.44			
12/18/93	03:00:00	44.43	44.44			
12/18/93	03:15:00	44.43	44.43			
12/18/93	03:30:00	44.42	44.43			
12/18/93	03:45:00	44.42	44.43			
12/18/93	04:00:00	44.42	44.43			
12/18/93	04:15:00	44.42	44.43			
12/18/93	04:30:00	44.43	44.43			
12/18/93	04:45:00	44.43	44.43			
12/18/93	05:00:00	44.44	44.43			
12/18/93	05:15:00	44.44	44.43			
12/18/93	05:30:00	44.44	44.43			
12/18/93	05:45:00	44.43	44.43			
12/18/93	06:00:00	44.43	44.43			
12/18/93	06:15:00	44.43	44.43			
12/18/93	06:30:00	44.43	44.43			
12/18/93	06:45:00	44.43	44.43			
12/18/93	07:00:00	44.43	44.43			
12/18/93	07:15:00	44.43	44.43			
12/18/93	07:30:00	44.43	44.43			
12/18/93	07:45:00	44.42	44.43			
12/18/93	08:00:00	44.42	44.43			
12/18/93	08:15:00	44.42	44.43			
12/18/93	08:30:00	44.42	44.43			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water--Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/18/93	08:45:00	44.41	44.43			
12/18/93	09:00:00	44.41	44.43			
12/18/93	09:15:00	44.41	44.43			
12/18/93	09:30:00	44.40	44.43			
12/18/93	09:45:00	44.40	44.43			
12/18/93	10:00:00	44.41	44.43			
12/18/93	10:15:00	44.40	44.43			
12/18/93	10:30:00	44.41	44.43			
12/18/93	10:45:00	44.40	44.43			
12/18/93	11:00:00	44.42	44.43			
12/18/93	11:15:00	44.41	44.43			
12/18/93	11:30:00	44.42	44.43			
12/18/93	11:45:00	44.42	44.43			
12/18/93	12:00:00	44.43	44.43			
12/18/93	12:15:00	44.42	44.43			
12/18/93	12:30:00	44.44	44.43			
12/18/93	12:45:00	44.44	44.43			
12/18/93	13:00:00	44.45	44.43			
12/18/93	13:15:00	44.43	44.43			
12/18/93	13:30:00	44.45	44.43			
12/18/93	13:45:00	44.45	44.43			
12/18/93	14:00:00	44.45	44.43			
12/18/93	14:15:00	44.45	44.43			
12/18/93	14:30:00	44.46	44.43			
12/18/93	14:45:00	44.45	44.43			
12/18/93	15:00:00	44.46	44.43			
12/18/93	15:15:00	44.45	44.43			
12/18/93	15:30:00	44.45	44.43			
12/18/93	15:45:00	44.45	44.43			
12/18/93	16:00:00	44.45	44.43			
12/18/93	16:15:00	44.46	44.43			
12/18/93	16:30:00	44.46	44.43			
12/18/93	16:45:00	44.46	44.43			
12/18/93	17:00:00	44.46	44.43			
12/18/93	17:15:00	44.46	44.43			
12/18/93	17:30:00	44.47	44.43			
12/18/93	17:45:00	44.47	44.43			
12/18/93	18:00:00	44.47	44.43			
12/18/93	18:15:00	44.47	44.43			
12/18/93	18:30:00	44.48	44.43			
12/18/93	18:45:00	44.47	44.43			
12/18/93	19:00:00	44.47	44.43			
12/18/93	19:15:00	44.47	44.43			
12/18/93	19:30:00	44.47	44.44			
12/18/93	19:45:00	44.47	44.44			
12/18/93	20:00:00	44.47	44.44			
12/18/93	20:15:00	44.47	44.44			
12/18/93	20:30:00	44.47	44.44			
12/18/93	20:45:00	44.47	44.44			
12/18/93	21:00:00	44.47	44.44			
12/18/93	21:15:00	44.47	44.44			
12/18/93	21:30:00	44.47	44.44			
12/18/93	21:45:00	44.47	44.44			
12/18/93	22:00:00	44.47	44.44			

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 ICW-1

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External influences (feet)			
12/18/93	22:15:00	44.47	44.44			
12/18/93	22:30:00	44.46	44.44			
12/18/93	22:45:00	44.46	44.44			
12/18/93	23:00:00	44.47	44.44			
12/18/93	23:15:00	44.47	44.44			
12/18/93	23:30:00	44.47	44.44			
12/18/93	23:45:00	44.47	44.44			
12/19/93	00:00:00	44.47	44.44			
12/19/93	00:15:00	44.47	44.44			
12/19/93	00:30:00	44.47	44.44			
12/19/93	00:45:00	44.47	44.44			
12/19/93	01:00:00	44.47	44.44			
12/19/93	01:15:00	44.48	44.44			
12/19/93	01:30:00	44.47	44.44			
12/19/93	01:45:00	44.47	44.44			
12/19/93	02:00:00	44.46	44.44			
12/19/93	02:15:00	44.46	44.44			
12/19/93	02:30:00	44.47	44.44			
12/19/93	02:45:00	44.47	44.44			
12/19/93	03:00:00	44.47	44.44			
12/19/93	03:15:00	44.47	44.45			
12/19/93	03:30:00	44.47	44.45			
12/19/93	03:45:00	44.47	44.45			
12/19/93	04:00:00	44.47	44.45			
12/19/93	04:15:00	44.47	44.45			
12/19/93	04:30:00	44.47	44.45			
12/19/93	04:45:00	44.47	44.45			
12/19/93	05:00:00	44.47	44.45			
12/19/93	05:15:00	44.48	44.45			
12/19/93	05:30:00	44.48	44.45			
12/19/93	05:45:00	44.48	44.45			
12/19/93	06:00:00	44.48	44.45			
12/19/93	06:15:00	44.47	44.45			
12/19/93	06:30:00	44.46	44.45			
12/19/93	06:45:00	44.47	44.45			
12/19/93	07:00:00	44.47	44.45			
12/19/93	07:15:00	44.47	44.45			
12/19/93	07:30:00	44.47	44.45			
12/19/93	07:45:00	44.47	44.45			
12/19/93	08:00:00	44.47	44.45			
12/19/93	08:15:00	44.46	44.46			
12/19/93	08:30:00	44.45	44.46			
12/19/93	08:45:00	44.45	44.46			
12/19/93	09:00:00	44.45	44.46			
12/19/93	09:15:00	44.45	44.46			
12/19/93	09:30:00	44.45	44.46			
12/19/93	09:45:00	44.45	44.46			
12/19/93	10:00:00	44.44	44.46			
12/19/93	10:15:00	44.43	44.46			
12/19/93	10:30:00	44.43	44.46			
12/19/93	10:45:00	44.44	44.46			
12/19/93	11:00:00	44.45	44.46			
12/19/93	11:15:00	44.46	44.46			
12/19/93	11:30:00	44.47	44.46			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/19/93	11:45:00	44.46	44.46			
12/19/93	12:00:00	44.47	44.46			
12/19/93	12:15:00	44.47	44.46			
12/19/93	12:30:00	44.48	44.47			
12/19/93	12:45:00	44.48	44.47			
12/19/93	13:00:00	44.48	44.47			
12/19/93	13:15:00	44.48	44.47			
12/19/93	13:30:00	44.49	44.47			
12/19/93	13:45:00	44.48	44.47			
12/19/93	14:00:00	44.50	44.47			
12/19/93	14:15:00	44.50	44.47			
12/19/93	14:30:00	44.50	44.47			
12/19/93	14:45:00	44.50	44.47			
12/19/93	15:00:00	44.50	44.47			
12/19/93	15:15:00	44.49	44.47			
12/19/93	15:30:00	44.49	44.47			
12/19/93	15:45:00	44.48	44.47			
12/19/93	16:00:00	44.50	44.48			
12/19/93	16:15:00	44.50	44.48			
12/19/93	16:30:00	44.49	44.48			
12/19/93	16:45:00	44.49	44.48			
12/19/93	17:00:00	44.49	44.48			
12/19/93	17:15:00	44.49	44.48			
12/19/93	17:30:00	44.49	44.48			
12/19/93	17:45:00	44.49	44.48			
12/19/93	18:00:00	44.49	44.48			
12/19/93	18:15:00	44.49	44.48			
12/19/93	18:30:00	44.49	44.48			
12/19/93	18:45:00	44.48	44.48			
12/19/93	19:00:00	44.48	44.49			
12/19/93	19:15:00	44.48	44.49			
12/19/93	19:30:00	44.48	44.49			
12/19/93	19:45:00	44.48	44.49			
12/19/93	20:00:00	44.48	44.49			
12/19/93	20:15:00	44.47	44.49			
12/19/93	20:30:00	44.48	44.49			
12/19/93	20:45:00	44.48	44.49			
12/19/93	21:00:00	44.48	44.49			
12/19/93	21:15:00	44.48	44.49			
12/19/93	21:30:00	44.49	44.49			
12/19/93	21:45:00	44.48	44.50			
12/19/93	22:00:00	44.48	44.50			
12/19/93	22:15:00	44.47	44.50			
12/19/93	22:30:00	44.48	44.50			
12/19/93	22:45:00	44.49	44.50			
12/19/93	23:00:00	44.50	44.50			
12/19/93	23:15:00	44.50	44.50			
12/19/93	23:30:00	44.50	44.50			
12/19/93	23:45:00	44.50	44.50			
12/20/93	00:00:00	44.50	44.50			
12/20/93	00:15:00	44.51	44.50			
12/20/93	00:30:00	44.50	44.51			
12/20/93	00:45:00	44.51	44.51			
12/20/93	01:00:00	44.52	44.51			

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water – Level Elevation		Time Since Start of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)			
12/20/93	01:15:00	44.52	44.51			
12/20/93	01:30:00	44.52	44.51			
12/20/93	01:45:00	44.51	44.51			
12/20/93	02:00:00	44.51	44.51			
12/20/93	02:15:00	44.51	44.51			
12/20/93	02:30:00	44.52	44.51			
12/20/93	02:45:00	44.52	44.51			
12/20/93	03:00:00	44.52	44.52			
12/20/93	03:15:00	44.50	44.52			
12/20/93	03:30:00	44.50	44.52			
12/20/93	03:45:00	44.50	44.52			
12/20/93	04:00:00	44.51	44.52			
12/20/93	04:15:00	44.50	44.52			
12/20/93	04:30:00	44.51	44.52			
12/20/93	04:45:00	44.52	44.52			
12/20/93	05:00:00	44.52	44.52			
12/20/93	05:15:00	44.52	44.53			
12/20/93	05:30:00	44.52	44.53			
12/20/93	05:45:00	44.52	44.53			
12/20/93	06:00:00	44.52	44.53			
12/20/93	06:15:00	44.52	44.53			
12/20/93	06:30:00	44.52	44.53			
12/20/93	06:45:00	44.53	44.53			
12/20/93	07:00:00	44.53	44.53			
12/20/93	07:15:00	44.53	44.54			
12/20/93	07:30:00	44.53	44.54			
12/20/93	07:45:00	44.53	44.54			
12/20/93	08:00:00	44.52	44.54			
12/20/93	08:15:00	44.52	44.54			
12/20/93	08:30:00	44.50	44.54			
12/20/93	08:45:00	44.51	44.54			
12/20/93	09:00:00	44.51	44.54			
12/20/93	09:15:00	44.52	44.54			
12/20/93	09:30:00	44.51	44.55			
12/20/93	09:45:00	44.51	44.55			
12/20/93	10:00:00	44.52	44.55			
12/20/93	10:15:00	44.52	44.55			
12/20/93	10:30:00	44.53	44.55			
12/20/93	10:45:00	44.41	44.55			
12/20/93	11:00:00	44.53	44.55			
12/20/93	11:15:00	44.54	44.55			
12/20/93	11:30:00	44.55	44.56			
12/20/93	11:45:00	44.55	44.56			
12/20/93	12:00:00	44.55	44.56			
12/20/93	12:15:00	44.56	44.56			
12/20/93	12:30:00	44.57	44.56			
12/20/93	12:45:00	44.61	44.56			

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/09/93	08:30:00	45.18	
12/10/93	08:33:00	44.96	
12/10/93	14:33:00	45.03	
12/10/93	17:50:00	45.02	
12/11/93	11:49:00	44.95	
12/13/93	09:44:00	44.69	
12/13/93	14:41:00	44.76	
12/13/93	17:09:00	44.79	
12/14/93	08:30:00	44.85	
12/14/93	08:41:00	44.86	
12/14/93	10:45:00	44.87	
12/14/93	10:45:10	44.87	
12/14/93	10:45:20	44.87	
12/14/93	10:45:30	44.87	
12/14/93	10:45:40	44.79	
12/14/93	10:45:50	44.77	
12/14/93	10:46:00	44.78	
12/14/93	10:46:10	44.78	
12/14/93	10:46:20	44.77	
12/14/93	10:46:30	44.76	
12/14/93	10:46:40	44.77	
12/14/93	10:46:50	44.75	
12/14/93	10:47:00	44.76	
12/14/93	10:47:30	44.73	
12/14/93	10:48:00	44.70	
12/14/93	10:48:30	44.69	
12/14/93	10:49:00	44.70	
12/14/93	10:49:30	44.69	
12/14/93	10:50:00	44.68	
12/14/93	10:50:30	44.68	
12/14/93	10:51:00	44.70	
12/14/93	10:51:30	44.70	
12/14/93	10:52:00	44.67	
12/14/93	10:52:30	44.57	
12/14/93	10:53:00	44.57	
12/14/93	10:53:30	44.56	
12/14/93	10:54:00	44.57	
12/14/93	10:54:30	44.55	
12/14/93	10:55:00	44.56	
12/14/93	10:56:00	44.77	
12/14/93	10:56:15	44.80	
12/14/93	10:56:30	44.84	
12/14/93	10:56:45	44.85	
12/14/93	10:57:00	44.86	
12/14/93	10:57:15	44.84	
12/14/93	10:57:30	44.86	
12/14/93	10:57:45	44.86	
12/14/93	10:58:00	44.86	
12/14/93	10:58:15	44.86	
12/14/93	10:58:30	44.86	
12/14/93	10:58:45	44.86	
12/14/93	10:59:00	44.86	
12/14/93	10:59:30	44.86	
12/14/93	11:00:00	44.87	

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/14/93	11:00:30	44.87	
12/14/93	11:01:00	44.87	
12/14/93	11:01:30	44.87	
12/14/93	11:02:00	44.88	
12/14/93	11:02:30	44.87	
12/14/93	11:03:00	44.87	
12/14/93	11:03:30	44.88	
12/14/93	11:04:00	44.87	
12/14/93	11:04:50	44.87	
12/14/93	11:05:00	44.87	
12/14/93	13:15:00	44.92	Begin Pumping @ ICW-2
12/14/93	13:15:10	44.78	
12/14/93	13:15:20	44.68	
12/14/93	13:15:30	44.64	
12/14/93	13:15:40	44.64	
12/14/93	13:15:50	44.62	
12/14/93	13:16:00	44.62	
12/14/93	13:16:10	44.61	
12/14/93	13:16:20	44.61	
12/14/93	13:16:30	44.60	
12/14/93	13:16:40	44.60	
12/14/93	13:16:50	44.60	
12/14/93	13:17:00	44.60	
12/14/93	13:17:30	44.59	
12/14/93	13:18:00	44.60	
12/14/93	13:18:30	44.60	
12/14/93	13:19:00	44.59	
12/14/93	13:19:30	44.59	
12/14/93	13:20:00	44.59	
12/14/93	13:20:30	44.60	
12/14/93	13:21:00	44.60	
12/14/93	13:21:30	44.60	
12/14/93	13:22:00	44.60	
12/14/93	13:22:30	44.59	
12/14/93	13:23:00	44.59	
12/14/93	13:23:30	44.59	
12/14/93	13:24:00	44.60	
12/14/93	13:24:30	44.60	
12/14/93	13:25:00	44.60	
12/14/93	13:26:00	44.59	
12/14/93	13:27:00	44.59	
12/14/93	13:28:00	44.60	
12/14/93	13:29:00	44.59	
12/14/93	13:30:00	44.60	
12/14/93	13:35:00	44.59	
12/14/93	13:40:00	44.59	
12/14/93	13:45:00	44.60	
12/14/93	13:50:00	44.60	
12/14/93	13:55:00	44.60	
12/14/93	14:00:00	44.60	
12/14/93	14:05:00	44.59	
12/14/93	14:10:00	44.60	
12/14/93	14:15:00	44.60	
12/14/93	14:20:00	44.60	

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/14/93	14:25:00	44.60	
12/14/93	14:30:00	44.61	
12/14/93	14:35:00	44.60	
12/14/93	14:40:00	44.60	
12/14/93	14:45:00	44.60	
12/14/93	14:50:00	44.60	
12/14/93	14:55:00	44.60	
12/14/93	15:00:00	44.60	
12/14/93	15:05:00	44.60	
12/14/93	15:10:00	44.60	
12/14/93	15:15:00	44.60	
12/14/93	15:25:00	44.60	
12/14/93	15:35:00	44.60	
12/14/93	15:45:00	44.60	
12/14/93	15:55:00	44.60	
12/14/93	16:05:00	44.60	
12/14/93	16:15:00	44.60	
12/14/93	16:25:00	44.60	
12/14/93	16:35:00	44.60	
12/14/93	16:45:00	44.60	
12/14/93	16:55:00	44.60	
12/14/93	17:05:00	44.60	
12/14/93	17:15:00	44.61	
12/14/93	17:30:00	44.60	
12/14/93	17:45:00	44.60	
12/14/93	18:00:00	44.59	
12/14/93	18:15:00	44.58	
12/14/93	18:30:00	44.57	
12/14/93	18:45:00	44.57	
12/14/93	19:00:00	44.57	
12/14/93	19:15:00	44.56	
12/14/93	19:30:00	44.58	
12/14/93	19:49:00	44.57	
12/14/93	20:15:00	44.55	
12/14/93	20:45:00	44.54	
12/14/93	21:15:00	44.53	
12/14/93	21:45:00	44.51	
12/14/93	22:15:00	44.48	
12/14/93	22:45:00	44.46	
12/14/93	23:15:00	44.45	
12/14/93	23:45:00	44.46	
12/15/93	00:15:00	44.45	
12/15/93	00:45:00	44.45	
12/15/93	01:15:00	44.44	
12/15/93	01:45:00	44.44	
12/15/93	02:15:00	44.44	
12/15/93	02:45:00	44.44	
12/15/93	03:15:00	44.45	
12/15/93	03:45:00	44.45	
12/15/93	04:15:00	44.46	
12/15/93	04:45:00	44.46	
12/15/93	05:15:00	44.45	
12/15/93	05:45:00	44.47	
12/15/93	06:15:00	44.47	

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/15/93	06:45:00	44.45	
12/15/93	07:15:00	44.44	
12/15/93	07:45:00	44.44	
12/15/93	08:15:00	44.42	
12/15/93	08:45:00	44.41	
12/15/93	09:15:00	44.39	
12/15/93	09:45:00	44.38	
12/15/93	10:15:00	44.37	
12/15/93	10:45:00	44.36	
12/15/93	11:15:00	44.36	
12/15/93	11:45:00	44.37	
12/15/93	12:15:00	44.36	
12/15/93	12:45:00	44.36	
12/15/93	13:15:00	44.38	
12/15/93	13:45:00	44.39	
12/15/93	14:15:00	44.38	
12/15/93	14:45:00	44.39	
12/15/93	15:15:00	44.39	
12/15/93	15:45:00	44.39	
12/15/93	16:15:00	44.38	
12/15/93	16:45:00	44.38	
12/15/93	17:15:00	44.38	
12/15/93	17:45:00	44.37	
12/15/93	18:15:00	44.36	
12/15/93	18:45:00	44.34	
12/15/93	19:15:00	44.34	
12/15/93	19:45:00	44.33	
12/15/93	20:15:00	44.32	
12/15/93	20:45:00	44.30	
12/15/93	21:15:00	44.29	
12/15/93	21:45:00	44.28	
12/15/93	22:15:00	44.25	
12/15/93	22:45:00	44.25	
12/15/93	23:15:00	44.22	
12/15/93	23:45:00	44.22	
12/16/93	00:15:00	44.22	
12/16/93	00:45:00	44.21	
12/16/93	01:15:00	44.20	
12/16/93	01:45:00	44.20	
12/16/93	02:15:00	44.20	
12/16/93	02:45:00	44.18	
12/16/93	03:15:00	44.18	
12/16/93	03:45:00	44.18	
12/16/93	04:15:00	44.18	
12/16/93	04:45:00	44.18	
12/16/93	05:15:00	44.18	
12/16/93	05:45:00	44.18	
12/16/93	06:15:00	44.17	
12/16/93	06:45:00	44.17	
12/16/93	07:15:00	44.14	
12/16/93	07:45:00	44.14	
12/16/93	08:15:00	44.13	
12/16/93	08:45:00	44.13	
12/16/93	09:15:00	44.15	End Pumping

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	09:15:10	44.42	
12/16/93	09:15:20	44.40	
12/16/93	09:15:30	44.42	
12/16/93	09:15:40	44.44	
12/16/93	09:15:50	44.44	
12/16/93	09:16:00	44.43	
12/16/93	09:16:10	44.44	
12/16/93	09:16:20	44.45	
12/16/93	09:16:30	44.45	
12/16/93	09:16:40	44.45	
12/16/93	09:16:50	44.45	
12/16/93	09:17:00	44.45	
12/16/93	09:17:30	44.45	
12/16/93	09:18:00	44.46	
12/16/93	09:18:30	44.45	
12/16/93	09:19:00	44.46	
12/16/93	09:19:30	44.46	
12/16/93	09:20:00	44.45	
12/16/93	09:20:30	44.46	
12/16/93	09:21:00	44.46	
12/16/93	09:21:30	44.46	
12/16/93	09:22:00	44.46	
12/16/93	09:22:30	44.46	
12/16/93	09:23:00	44.45	
12/16/93	09:23:30	44.46	
12/16/93	09:24:00	44.46	
12/16/93	09:24:30	44.46	
12/16/93	09:25:00	44.46	
12/16/93	09:26:00	44.46	
12/16/93	09:27:00	44.46	
12/16/93	09:28:00	44.46	
12/16/93	09:29:00	44.46	
12/16/93	09:30:00	44.46	
12/16/93	09:31:00	44.46	
12/16/93	09:32:00	44.45	
12/16/93	09:33:00	44.46	
12/16/93	09:34:00	44.46	
12/16/93	09:35:00	44.46	
12/16/93	09:40:00	44.46	
12/16/93	09:45:00	44.46	
12/16/93	09:50:00	44.46	
12/16/93	09:55:00	44.46	
12/16/93	10:00:00	44.46	
12/16/93	10:05:00	44.46	
12/16/93	10:10:00	44.46	
12/16/93	10:15:00	44.46	
12/16/93	10:25:00	44.46	
12/16/93	10:35:00	44.46	
12/16/93	10:45:00	44.47	
12/16/93	10:55:00	44.47	
12/16/93	11:05:00	44.47	
12/16/93	11:15:00	44.47	
12/16/93	11:30:00	44.47	
12/16/93	11:45:00	44.48	

Visual Ground Water Level Measurements
Lower Production Zone APT
ICW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	12:00:00	44.49	
12/16/93	12:15:00	44.49	
12/16/93	12:30:00	44.50	
12/16/93	12:45:00	44.50	
12/16/93	13:00:00	44.51	
12/16/93	13:15:00	44.51	
12/16/93	13:15:00	44.51	
12/16/93	13:30:00	44.51	
12/16/93	13:45:00	44.51	
12/16/93	14:00:00	44.51	
12/16/93	14:15:00	44.51	
12/16/93	14:30:00	44.52	
12/16/93	14:45:00	44.52	
12/16/93	15:00:00	44.52	
12/16/93	15:15:00	44.52	
12/16/93	15:30:00	44.52	
12/16/93	15:45:00	44.52	
12/16/93	16:00:00	44.52	
12/16/93	16:15:00	44.52	
12/16/93	16:45:00	44.52	
12/16/93	17:15:00	44.52	
12/16/93	18:30:00	44.53	
12/17/93	08:40:00	44.41	
12/17/93	09:03:00	44.40	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/10/93	11:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	11:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	11:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	12:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	12:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	12:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	12:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	13:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	13:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	13:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	13:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	14:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	14:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	14:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	14:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	15:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	15:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	15:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	15:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	16:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	16:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	16:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	16:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	17:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	17:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	17:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	17:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	18:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	18:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	18:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	18:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	19:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	19:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	19:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	19:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	20:00:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	20:15:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	20:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	20:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	21:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	21:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	21:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	21:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	22:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	22:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	22:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	22:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	23:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	23:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	23:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/10/93	23:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	00:00:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	00:15:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	00:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/11/93	00:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	01:00:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	01:15:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	01:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	01:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	02:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	02:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	02:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	02:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	03:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	03:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	03:30:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	03:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	04:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	04:15:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	04:30:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	04:45:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	05:00:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	05:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	05:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	05:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	06:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	06:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	06:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	06:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	07:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	07:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	07:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	07:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	08:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	08:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	08:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	08:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	09:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	09:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	09:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	09:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	10:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	10:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	10:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	10:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	11:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	11:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	11:30:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	11:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	12:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	12:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	12:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	12:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	13:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	13:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	13:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	13:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	14:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water--Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/11/93	14:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	14:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	14:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	15:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	15:15:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	15:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	15:45:00	47.56	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	16:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	16:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	16:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	16:45:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	17:00:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	17:15:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	17:30:00	47.53	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	17:45:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	18:00:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	18:15:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	18:30:00	47.50	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	18:45:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	19:00:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	19:15:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	19:30:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	19:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	20:00:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	20:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	20:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	20:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	21:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	21:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	21:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	21:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	22:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	22:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	22:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	22:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	23:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	23:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	23:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/11/93	23:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	00:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	00:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	00:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	00:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	01:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	01:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	01:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	01:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	02:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	02:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	02:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	02:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	03:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	03:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	03:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/12/93	03:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	04:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	04:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	04:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	04:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	05:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	05:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	05:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	05:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	06:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	06:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	06:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	06:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	07:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	07:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	07:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	07:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	08:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	08:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	08:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	08:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	09:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	09:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	09:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	09:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	10:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	10:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	10:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	10:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	11:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	11:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	11:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	11:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	12:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	12:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	12:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	12:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	13:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	13:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	13:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	13:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	14:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	14:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	14:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	14:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	15:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	15:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	15:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	15:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	16:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	16:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	16:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	16:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	17:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/12/93	17:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	17:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	17:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	18:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	18:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	18:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	18:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	19:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	19:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	19:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	19:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	20:00:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	20:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	20:30:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	20:45:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	21:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	21:15:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	21:30:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	21:45:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	22:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	22:15:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	22:30:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	22:45:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	23:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	23:15:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	23:30:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/12/93	23:45:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	00:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	00:15:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	00:30:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	00:45:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	01:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	01:15:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	01:30:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	01:45:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	02:00:00	47.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	02:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	02:30:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	02:45:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	03:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	03:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	03:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	03:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	04:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	04:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	04:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	04:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	05:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	05:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	05:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	05:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	06:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	06:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	06:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/13/93	06:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	07:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	07:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	07:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	07:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	08:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	08:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	08:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	08:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	09:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	09:15:00	47.19	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	09:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	09:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	10:00:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	10:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	10:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	10:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	11:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	11:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	11:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	11:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	12:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	12:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	12:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	12:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	13:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	13:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	13:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	13:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	14:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	14:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	14:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	14:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	15:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	15:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	15:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	15:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	16:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	16:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	16:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	16:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	17:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	17:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	17:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	17:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	18:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	18:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	18:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	18:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	19:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	19:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	19:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	19:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	20:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/13/93	20:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	20:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	20:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	21:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	21:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	21:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	21:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	22:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	22:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	22:30:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	22:45:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	23:00:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	23:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	23:30:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/13/93	23:45:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	00:00:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	00:15:00	47.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	00:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	00:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	01:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	01:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	01:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	01:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	02:00:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	02:15:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	02:30:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	02:45:00	47.28	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	03:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	03:15:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	03:30:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	03:45:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	04:00:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	04:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	04:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	04:45:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	05:00:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	05:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	05:30:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	05:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	06:00:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	06:15:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	06:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	06:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	07:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	07:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	07:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	07:45:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	08:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	08:15:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	08:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	08:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	09:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	09:15:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	09:30:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/14/93	09:45:00	47.44	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:00:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:15:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:30:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:35:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:36:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:37:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:38:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:39:00	47.31	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:40:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:41:00	47.34	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:42:00	47.68	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:43:00	47.47	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:44:00	47.41	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:45:00	47.37	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:46:00	38.52	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:47:00	37.60	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:48:00	34.51	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:49:00	34.32	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:50:00	34.63	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:51:00	34.51	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:52:00	26.40	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:53:00	25.25	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:54:00	25.22	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:55:00	25.13	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:56:00	41.73	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:57:00	42.72	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:58:00	42.96	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	10:59:00	43.02	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:00:00	43.09	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:10:00	43.18	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:20:00	47.92	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:30:00	47.89	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:40:00	47.89	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	11:50:00	47.86	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:00:00	5.54	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:10:00	47.77	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:20:00	47.89	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:30:00	47.80	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:40:00	48.01	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	12:50:00	47.89	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	13:00:00	47.89	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	13:10:00	47.92	Pre-test	Pre-test	Pre-Recovery	Pre-test	
12/14/93	13:15:00	47.86	47.94	0	Pre-Recovery	Pre-test	
12/14/93	13:15:01	42.10	47.94	0.01667	Pre-Recovery	5.84	Begin Pumpir
12/14/93	13:15:02	33.46	47.94	0.03333	Pre-Recovery	14.48	
12/14/93	13:15:03	36.67	47.94	0.05	Pre-Recovery	11.27	
12/14/93	13:15:04	28.40	47.94	0.06667	Pre-Recovery	19.54	
12/14/93	13:15:05	20.32	47.94	0.08333	Pre-Recovery	27.62	
12/14/93	13:15:06	18.16	47.94	0.1	Pre-Recovery	29.78	
12/14/93	13:15:07	15.44	47.94	0.11667	Pre-Recovery	32.50	
12/14/93	13:15:08	14.89	47.94	0.13333	Pre-Recovery	33.05	
12/14/93	13:15:09	15.66	47.94	0.15	Pre-Recovery	32.28	
12/14/93	13:15:10	18.68	47.94	0.16667	Pre-Recovery	29.26	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/14/93	13:15:11	20.96	47.94	0.18333	Pre-Recovery	26.98	
12/14/93	13:15:12	29.11	47.94	0.2	Pre-Recovery	18.83	
12/14/93	13:15:13	32.07	47.94	0.21667	Pre-Recovery	15.87	
12/14/93	13:15:14	33.70	47.94	0.23333	Pre-Recovery	14.24	
12/14/93	13:15:15	33.30	47.94	0.25	Pre-Recovery	14.64	
12/14/93	13:15:16	31.58	47.94	0.26667	Pre-Recovery	16.36	
12/14/93	13:15:17	30.71	47.94	0.28333	Pre-Recovery	17.23	
12/14/93	13:15:18	28.24	47.94	0.3	Pre-Recovery	19.70	
12/14/93	13:15:19	26.92	47.94	0.31667	Pre-Recovery	21.02	
12/14/93	13:15:20	25.31	47.94	0.33333	Pre-Recovery	22.63	
12/14/93	13:15:21	25.31	47.94	0.35	Pre-Recovery	22.63	
12/14/93	13:15:22	26.33	47.94	0.36667	Pre-Recovery	21.61	
12/14/93	13:15:23	27.66	47.94	0.38333	Pre-Recovery	20.28	
12/14/93	13:15:24	28.06	47.94	0.4	Pre-Recovery	19.88	
12/14/93	13:15:25	30.03	47.94	0.41667	Pre-Recovery	17.91	
12/14/93	13:15:26	30.59	47.94	0.43333	Pre-Recovery	17.35	
12/14/93	13:15:27	31.67	47.94	0.45	Pre-Recovery	16.27	
12/14/93	13:15:28	31.48	47.94	0.46667	Pre-Recovery	16.46	
12/14/93	13:15:29	32.04	47.94	0.48333	Pre-Recovery	15.90	
12/14/93	13:15:30	31.79	47.94	0.5	Pre-Recovery	16.15	
12/14/93	13:15:31	31.14	47.94	0.51667	Pre-Recovery	16.80	
12/14/93	13:15:32	30.68	47.94	0.53333	Pre-Recovery	17.26	
12/14/93	13:15:33	30.09	47.94	0.55	Pre-Recovery	17.85	
12/14/93	13:15:34	29.45	47.94	0.56667	Pre-Recovery	18.49	
12/14/93	13:15:35	29.54	47.94	0.58333	Pre-Recovery	18.40	
12/14/93	13:15:36	29.45	47.94	0.6	Pre-Recovery	18.49	
12/14/93	13:15:37	29.14	47.94	0.61667	Pre-Recovery	18.80	
12/14/93	13:15:38	28.77	47.94	0.63333	Pre-Recovery	19.17	
12/14/93	13:15:39	28.74	47.94	0.65	Pre-Recovery	19.20	
12/14/93	13:15:40	29.02	47.94	0.66667	Pre-Recovery	18.92	
12/14/93	13:15:41	28.80	47.94	0.68333	Pre-Recovery	19.14	
12/14/93	13:15:42	28.95	47.94	0.7	Pre-Recovery	18.99	
12/14/93	13:15:43	29.08	47.94	0.71667	Pre-Recovery	18.86	
12/14/93	13:15:44	29.42	47.94	0.73333	Pre-Recovery	18.52	
12/14/93	13:15:45	29.35	47.94	0.75	Pre-Recovery	18.59	
12/14/93	13:15:46	29.63	47.94	0.76667	Pre-Recovery	18.31	
12/14/93	13:15:47	29.14	47.94	0.78333	Pre-Recovery	18.80	
12/14/93	13:15:48	29.85	47.94	0.8	Pre-Recovery	18.09	
12/14/93	13:15:49	29.82	47.94	0.81667	Pre-Recovery	18.12	
12/14/93	13:15:50	29.79	47.94	0.83333	Pre-Recovery	18.15	
12/14/93	13:15:51	29.63	47.94	0.85	Pre-Recovery	18.31	
12/14/93	13:15:52	29.48	47.94	0.86667	Pre-Recovery	18.46	
12/14/93	13:15:53	29.35	47.94	0.88333	Pre-Recovery	18.59	
12/14/93	13:15:54	29.60	47.94	0.9	Pre-Recovery	18.34	
12/14/93	13:15:55	29.14	47.94	0.91667	Pre-Recovery	18.80	
12/14/93	13:15:56	29.35	47.94	0.93333	Pre-Recovery	18.59	
12/14/93	13:15:57	29.08	47.94	0.95	Pre-Recovery	18.86	
12/14/93	13:15:58	29.14	47.94	0.96667	Pre-Recovery	18.80	
12/14/93	13:15:59	29.14	47.94	0.98333	Pre-Recovery	18.80	
12/14/93	13:16:00	28.77	47.94	1	Pre-Recovery	19.17	
12/14/93	13:16:10	29.42	47.94	1.16667	Pre-Recovery	18.52	
12/14/93	13:16:20	29.42	47.94	1.33333	Pre-Recovery	18.52	
12/14/93	13:16:30	29.48	47.94	1.5	Pre-Recovery	18.46	
12/14/93	13:16:40	29.17	47.94	1.66667	Pre-Recovery	18.77	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/14/93	13:16:50	29.23	47.94	1.83333	Pre-Recovery	18.71	
12/14/93	13:17:00	28.74	47.94	2	Pre-Recovery	19.20	
12/14/93	13:17:10	29.08	47.94	2.16667	Pre-Recovery	18.86	
12/14/93	13:17:20	28.92	47.94	2.33333	Pre-Recovery	19.02	
12/14/93	13:17:30	28.95	47.94	2.5	Pre-Recovery	18.99	
12/14/93	13:17:40	28.98	47.94	2.66667	Pre-Recovery	18.96	
12/14/93	13:17:50	28.95	47.94	2.83333	Pre-Recovery	18.99	
12/14/93	13:18:00	28.61	47.94	3	Pre-Recovery	19.33	
12/14/93	13:18:10	28.74	47.94	3.16667	Pre-Recovery	19.20	
12/14/93	13:18:20	28.58	47.94	3.33333	Pre-Recovery	19.36	
12/14/93	13:18:30	28.86	47.94	3.5	Pre-Recovery	19.08	
12/14/93	13:18:40	28.77	47.94	3.66667	Pre-Recovery	19.17	
12/14/93	13:18:50	29.54	47.94	3.83333	Pre-Recovery	18.40	
12/14/93	13:19:00	29.63	47.94	4	Pre-Recovery	18.31	
12/14/93	13:19:10	29.60	47.94	4.16667	Pre-Recovery	18.34	
12/14/93	13:19:20	29.35	47.94	4.33333	Pre-Recovery	18.59	
12/14/93	13:19:30	29.39	47.94	4.5	Pre-Recovery	18.55	
12/14/93	13:19:40	29.39	47.94	4.66667	Pre-Recovery	18.55	
12/14/93	13:19:50	29.32	47.94	4.83333	Pre-Recovery	18.62	
12/14/93	13:20:00	29.20	47.94	5	Pre-Recovery	18.74	
12/14/93	13:21:00	29.42	47.94	6	Pre-Recovery	18.52	
12/14/93	13:22:00	28.98	47.94	7	Pre-Recovery	18.96	
12/14/93	13:23:00	29.14	47.94	8	Pre-Recovery	18.80	
12/14/93	13:24:00	29.23	47.94	9	Pre-Recovery	18.71	
12/14/93	13:25:00	28.92	47.94	10	Pre-Recovery	19.02	
12/14/93	13:26:00	29.20	47.93	11	Pre-Recovery	18.73	
12/14/93	13:27:00	29.17	47.93	12	Pre-Recovery	18.76	
12/14/93	13:28:00	29.02	47.93	13	Pre-Recovery	18.91	
12/14/93	13:29:00	29.02	47.93	14	Pre-Recovery	18.91	
12/14/93	13:30:00	29.39	47.93	15	Pre-Recovery	18.54	
12/14/93	13:31:00	29.14	47.93	16	Pre-Recovery	18.79	
12/14/93	13:32:00	29.39	47.93	17	Pre-Recovery	18.54	
12/14/93	13:33:00	29.11	47.93	18	Pre-Recovery	18.82	
12/14/93	13:34:00	29.05	47.93	19	Pre-Recovery	18.88	
12/14/93	13:35:00	29.11	47.93	20	Pre-Recovery	18.82	
12/14/93	13:36:00	28.92	47.93	21	Pre-Recovery	19.01	
12/14/93	13:37:00	29.35	47.93	22	Pre-Recovery	18.58	
12/14/93	13:38:00	28.95	47.93	23	Pre-Recovery	18.98	
12/14/93	13:39:00	29.02	47.93	24	Pre-Recovery	18.91	
12/14/93	13:40:00	29.05	47.93	25	Pre-Recovery	18.88	
12/14/93	13:41:00	29.05	47.93	26	Pre-Recovery	18.88	
12/14/93	13:42:00	29.05	47.93	27	Pre-Recovery	18.88	
12/14/93	13:43:00	29.17	47.93	28	Pre-Recovery	18.76	
12/14/93	13:44:00	28.92	47.93	29	Pre-Recovery	19.01	
12/14/93	13:45:00	29.05	47.93	30	Pre-Recovery	18.88	
12/14/93	13:46:00	28.92	47.93	31	Pre-Recovery	19.01	
12/14/93	13:47:00	29.26	47.93	32	Pre-Recovery	18.67	
12/14/93	13:48:00	29.11	47.92	33	Pre-Recovery	18.81	
12/14/93	13:49:00	28.92	47.92	34	Pre-Recovery	19.00	
12/14/93	13:50:00	29.02	47.92	35	Pre-Recovery	18.90	
12/14/93	13:51:00	29.02	47.92	36	Pre-Recovery	18.90	
12/14/93	13:52:00	28.98	47.92	37	Pre-Recovery	18.94	
12/14/93	13:53:00	29.08	47.92	38	Pre-Recovery	18.84	
12/14/93	13:54:00	28.95	47.92	39	Pre-Recovery	18.97	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/14/93	14:00:00	28.86	47.92	45	Pre-Recovery	19.06	
12/14/93	14:05:00	29.02	47.92	50	Pre-Recovery	18.90	
12/14/93	14:10:00	29.05	47.92	55	Pre-Recovery	18.87	
12/14/93	14:15:00	29.26	47.91	60	Pre-Recovery	18.65	
12/14/93	14:20:00	28.95	47.91	65	Pre-Recovery	18.96	
12/14/93	14:25:00	28.68	47.91	70	Pre-Recovery	19.23	
12/14/93	14:30:00	28.74	47.91	75	Pre-Recovery	19.17	
12/14/93	14:35:00	29.02	47.90	80	Pre-Recovery	18.88	
12/14/93	14:40:00	28.89	47.90	85	Pre-Recovery	19.01	
12/14/93	14:45:00	28.71	47.90	90	Pre-Recovery	19.19	
12/14/93	14:50:00	28.77	47.90	95	Pre-Recovery	19.13	
12/14/93	14:55:00	29.20	47.90	100	Pre-Recovery	18.70	
12/14/93	15:00:00	28.92	47.89	105	Pre-Recovery	18.97	
12/14/93	15:05:00	29.08	47.89	110	Pre-Recovery	18.81	
12/14/93	15:10:00	29.05	47.89	115	Pre-Recovery	18.84	
12/14/93	15:15:00	28.92	47.89	120	Pre-Recovery	18.97	
12/14/93	15:20:00	29.02	47.88	125	Pre-Recovery	18.86	
12/14/93	15:30:00	28.83	47.88	135	Pre-Recovery	19.05	
12/14/93	15:40:00	28.86	47.88	145	Pre-Recovery	19.02	
12/14/93	15:50:00	28.98	47.87	155	Pre-Recovery	18.89	
12/14/93	16:00:00	29.17	47.87	165	Pre-Recovery	18.70	
12/14/93	16:10:00	28.89	47.86	175	Pre-Recovery	18.97	
12/14/93	16:20:00	28.74	47.86	185	Pre-Recovery	19.12	
12/14/93	16:30:00	28.89	47.85	195	Pre-Recovery	18.96	
12/14/93	16:40:00	28.83	47.85	205	Pre-Recovery	19.02	
12/14/93	16:50:00	28.61	47.84	215	Pre-Recovery	19.23	
12/14/93	17:00:00	29.05	47.84	225	Pre-Recovery	18.79	
12/14/93	17:10:00	29.20	47.84	235	Pre-Recovery	18.64	
12/14/93	17:20:00	28.80	47.83	245	Pre-Recovery	19.03	
12/14/93	17:30:00	28.61	47.83	255	Pre-Recovery	19.22	
12/14/93	17:40:00	29.02	47.82	265	Pre-Recovery	18.80	
12/14/93	17:50:00	28.89	47.82	275	Pre-Recovery	18.93	
12/14/93	18:00:00	28.92	47.81	285	Pre-Recovery	18.89	
12/14/93	18:10:00	28.89	47.81	295	Pre-Recovery	18.92	
12/14/93	18:20:00	28.83	47.81	305	Pre-Recovery	18.98	
12/14/93	18:30:00	28.55	47.80	315	Pre-Recovery	19.25	
12/14/93	18:40:00	28.80	47.80	325	Pre-Recovery	19.00	
12/14/93	18:50:00	28.80	47.79	335	Pre-Recovery	18.99	
12/14/93	19:00:00	28.95	47.79	345	Pre-Recovery	18.84	
12/14/93	19:10:00	28.74	47.78	355	Pre-Recovery	19.04	
12/14/93	19:20:00	29.02	47.78	365	Pre-Recovery	18.76	
12/14/93	19:30:00	28.68	47.78	375	Pre-Recovery	19.10	
12/14/93	19:40:00	28.83	47.77	385	Pre-Recovery	18.94	
12/14/93	19:50:00	28.64	47.77	395	Pre-Recovery	19.13	
12/14/93	20:00:00	28.64	47.76	405	Pre-Recovery	19.12	
12/14/93	20:10:00	28.71	47.76	415	Pre-Recovery	19.05	
12/14/93	20:20:00	28.83	47.75	425	Pre-Recovery	18.92	
12/14/93	20:30:00	28.34	47.75	435	Pre-Recovery	19.41	
12/14/93	20:40:00	28.55	47.75	445	Pre-Recovery	19.20	
12/14/93	20:50:00	28.55	47.74	455	Pre-Recovery	19.19	
12/14/93	21:00:00	28.86	47.74	465	Pre-Recovery	18.88	
12/14/93	21:10:00	28.83	47.73	475	Pre-Recovery	18.90	
12/14/93	21:20:00	28.77	47.73	485	Pre-Recovery	18.96	
12/14/93	21:30:00	28.83	47.72	495	Pre-Recovery	18.89	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/14/93	21:40:00	28.83	47.72	505	Pre-Recovery	18.89	
12/14/93	21:50:00	28.77	47.72	515	Pre-Recovery	18.95	
12/14/93	22:00:00	28.74	47.71	525	Pre-Recovery	18.97	
12/14/93	22:10:00	28.74	47.71	535	Pre-Recovery	18.97	
12/14/93	22:20:00	28.52	47.70	545	Pre-Recovery	19.18	
12/14/93	22:30:00	28.68	47.70	555	Pre-Recovery	19.02	
12/14/93	22:40:00	28.71	47.70	565	Pre-Recovery	18.99	
12/14/93	22:50:00	28.86	47.69	575	Pre-Recovery	18.83	
12/14/93	23:00:00	28.37	47.69	585	Pre-Recovery	19.32	
12/14/93	23:10:00	28.64	47.68	595	Pre-Recovery	19.04	
12/14/93	23:20:00	28.71	47.68	605	Pre-Recovery	18.97	
12/14/93	23:30:00	28.61	47.67	615	Pre-Recovery	19.06	
12/14/93	23:40:00	28.52	47.67	625	Pre-Recovery	19.15	
12/14/93	23:50:00	28.49	47.67	635	Pre-Recovery	19.18	
12/15/93	00:00:00	28.58	47.66	645	Pre-Recovery	19.08	
12/15/93	00:10:00	28.52	47.66	655	Pre-Recovery	19.14	
12/15/93	00:20:00	28.68	47.65	665	Pre-Recovery	18.97	
12/15/93	00:30:00	28.68	47.65	675	Pre-Recovery	18.97	
12/15/93	00:40:00	28.49	47.65	685	Pre-Recovery	19.16	
12/15/93	00:50:00	28.40	47.64	695	Pre-Recovery	19.24	
12/15/93	01:00:00	28.31	47.64	705	Pre-Recovery	19.33	
12/15/93	01:10:00	28.52	47.63	715	Pre-Recovery	19.11	
12/15/93	01:20:00	28.64	47.63	725	Pre-Recovery	18.99	
12/15/93	01:30:00	28.61	47.62	735	Pre-Recovery	19.01	
12/15/93	01:40:00	28.40	47.62	745	Pre-Recovery	19.22	
12/15/93	01:50:00	28.49	47.62	755	Pre-Recovery	19.13	
12/15/93	02:00:00	28.61	47.61	765	Pre-Recovery	19.00	
12/15/93	02:10:00	28.37	47.61	775	Pre-Recovery	19.24	
12/15/93	02:20:00	28.71	47.60	785	Pre-Recovery	18.89	
12/15/93	02:30:00	28.52	47.60	795	Pre-Recovery	19.08	
12/15/93	02:40:00	28.43	47.60	805	Pre-Recovery	19.17	
12/15/93	02:50:00	28.46	47.59	815	Pre-Recovery	19.13	
12/15/93	03:00:00	28.61	47.59	825	Pre-Recovery	18.98	
12/15/93	03:10:00	28.61	47.58	835	Pre-Recovery	18.97	
12/15/93	03:20:00	28.43	47.58	845	Pre-Recovery	19.15	
12/15/93	03:30:00	28.55	47.58	855	Pre-Recovery	19.03	
12/15/93	03:40:00	28.68	47.57	865	Pre-Recovery	18.89	
12/15/93	03:50:00	28.49	47.57	875	Pre-Recovery	19.08	
12/15/93	04:00:00	28.24	47.56	885	Pre-Recovery	19.32	
12/15/93	04:10:00	28.55	47.56	895	Pre-Recovery	19.01	
12/15/93	04:20:00	28.61	47.56	905	Pre-Recovery	18.95	
12/15/93	04:30:00	28.40	47.55	915	Pre-Recovery	19.15	
12/15/93	04:40:00	28.27	47.55	925	Pre-Recovery	19.28	
12/15/93	04:50:00	28.43	47.54	935	Pre-Recovery	19.11	
12/15/93	05:00:00	28.71	47.54	945	Pre-Recovery	18.83	
12/15/93	05:10:00	28.64	47.54	955	Pre-Recovery	18.90	
12/15/93	05:20:00	28.61	47.53	965	Pre-Recovery	18.92	
12/15/93	05:30:00	28.31	47.53	975	Pre-Recovery	19.22	
12/15/93	05:40:00	28.49	47.52	985	Pre-Recovery	19.03	
12/15/93	05:50:00	28.64	47.52	995	Pre-Recovery	18.88	
12/15/93	06:00:00	28.40	47.52	1005	Pre-Recovery	19.12	
12/15/93	06:10:00	28.68	47.51	1015	Pre-Recovery	18.83	
12/15/93	06:20:00	28.43	47.51	1025	Pre-Recovery	19.08	
12/15/93	06:30:00	28.68	47.50	1035	Pre-Recovery	18.82	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/15/93	06:40:00	28.43	47.50	1045	Pre-Recovery	19.07	
12/15/93	06:50:00	28.34	47.50	1055	Pre-Recovery	19.16	
12/15/93	07:00:00	28.74	47.49	1065	Pre-Recovery	18.75	
12/15/93	07:10:00	28.58	47.49	1075	Pre-Recovery	18.91	
12/15/93	07:20:00	28.34	47.48	1085	Pre-Recovery	19.14	
12/15/93	07:30:00	28.40	47.48	1095	Pre-Recovery	19.08	
12/15/93	07:40:00	28.24	47.48	1105	Pre-Recovery	19.24	
12/15/93	07:50:00	28.49	47.47	1115	Pre-Recovery	18.98	
12/15/93	08:00:00	28.40	47.47	1125	Pre-Recovery	19.07	
12/15/93	08:10:00	28.52	47.46	1135	Pre-Recovery	18.94	
12/15/93	08:20:00	28.40	47.46	1145	Pre-Recovery	19.06	
12/15/93	08:30:00	28.71	47.46	1155	Pre-Recovery	18.75	
12/15/93	08:40:00	28.18	47.45	1165	Pre-Recovery	19.27	
12/15/93	08:50:00	28.40	47.45	1175	Pre-Recovery	19.05	
12/15/93	09:00:00	28.27	47.45	1185	Pre-Recovery	19.18	
12/15/93	09:10:00	28.49	47.44	1195	Pre-Recovery	18.95	
12/15/93	09:20:00	28.46	47.44	1205	Pre-Recovery	18.98	
12/15/93	09:30:00	28.43	47.43	1215	Pre-Recovery	19.00	
12/15/93	09:40:00	28.46	47.43	1225	Pre-Recovery	18.97	
12/15/93	09:50:00	28.21	47.43	1235	Pre-Recovery	19.22	
12/15/93	10:00:00	28.21	47.42	1245	Pre-Recovery	19.21	
12/15/93	10:10:00	28.58	47.42	1255	Pre-Recovery	18.84	
12/15/93	10:20:00	28.03	47.41	1265	Pre-Recovery	19.38	
12/15/93	10:30:00	28.58	47.41	1275	Pre-Recovery	18.83	
12/15/93	10:40:00	28.21	47.41	1285	Pre-Recovery	19.20	
12/15/93	10:50:00	28.58	47.40	1295	Pre-Recovery	18.82	
12/15/93	11:00:00	28.15	47.40	1305	Pre-Recovery	19.25	
12/15/93	11:10:00	28.37	47.40	1315	Pre-Recovery	19.03	
12/15/93	11:20:00	28.24	47.39	1325	Pre-Recovery	19.15	
12/15/93	11:30:00	28.24	47.39	1335	Pre-Recovery	19.15	
12/15/93	11:40:00	28.21	47.38	1345	Pre-Recovery	19.17	
12/15/93	11:50:00	28.18	47.38	1355	Pre-Recovery	19.20	
12/15/93	12:00:00	28.09	47.38	1365	Pre-Recovery	19.29	
12/15/93	12:10:00	27.94	47.37	1375	Pre-Recovery	19.43	
12/15/93	12:20:00	28.27	47.37	1385	Pre-Recovery	19.10	
12/15/93	12:30:00	28.34	47.37	1395	Pre-Recovery	19.03	
12/15/93	12:40:00	28.03	47.36	1405	Pre-Recovery	19.33	
12/15/93	12:50:00	28.34	47.36	1415	Pre-Recovery	19.02	
12/15/93	13:00:00	28.18	47.35	1425	Pre-Recovery	19.17	
12/15/93	13:10:00	28.12	47.35	1435	Pre-Recovery	19.23	
12/15/93	13:20:00	28.46	47.35	1445	Pre-Recovery	18.89	
12/15/93	13:30:00	28.37	47.34	1455	Pre-Recovery	18.97	
12/15/93	13:40:00	28.21	47.34	1465	Pre-Recovery	19.13	
12/15/93	13:50:00	28.31	47.34	1475	Pre-Recovery	19.03	
12/15/93	14:00:00	28.52	47.33	1485	Pre-Recovery	18.81	
12/15/93	14:10:00	28.06	47.33	1495	Pre-Recovery	19.27	
12/15/93	14:20:00	28.18	47.32	1505	Pre-Recovery	19.14	
12/15/93	14:30:00	28.15	47.32	1515	Pre-Recovery	19.17	
12/15/93	14:40:00	28.37	47.32	1525	Pre-Recovery	18.95	
12/15/93	14:50:00	28.37	47.31	1535	Pre-Recovery	18.94	
12/15/93	15:00:00	28.27	47.31	1545	Pre-Recovery	19.04	
12/15/93	15:10:00	28.12	47.31	1555	Pre-Recovery	19.19	
12/15/93	15:20:00	28.49	47.30	1565	Pre-Recovery	18.81	
12/15/93	15:30:00	28.58	47.30	1575	Pre-Recovery	18.72	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/15/93	15:40:00	28.03	47.29	1585	Pre-Recovery	19.26	
12/15/93	15:50:00	28.18	47.29	1595	Pre-Recovery	19.11	
12/15/93	16:00:00	28.24	47.29	1605	Pre-Recovery	19.05	
12/15/93	16:10:00	28.58	47.28	1615	Pre-Recovery	18.70	
12/15/93	16:20:00	28.12	47.28	1625	Pre-Recovery	19.16	
12/15/93	16:30:00	28.15	47.28	1635	Pre-Recovery	19.13	
12/15/93	16:40:00	28.40	47.27	1645	Pre-Recovery	18.87	
12/15/93	16:50:00	28.18	47.27	1655	Pre-Recovery	19.09	
12/15/93	17:00:00	28.15	47.27	1665	Pre-Recovery	19.12	
12/15/93	17:10:00	28.43	47.26	1675	Pre-Recovery	18.83	
12/15/93	17:20:00	28.61	47.26	1685	Pre-Recovery	18.65	
12/15/93	17:30:00	28.12	47.25	1695	Pre-Recovery	19.13	
12/15/93	17:40:00	28.12	47.25	1705	Pre-Recovery	19.13	
12/15/93	17:50:00	28.24	47.25	1715	Pre-Recovery	19.01	
12/15/93	18:00:00	28.37	47.24	1725	Pre-Recovery	18.87	
12/15/93	18:10:00	28.27	47.24	1735	Pre-Recovery	18.97	
12/15/93	18:20:00	28.40	47.24	1745	Pre-Recovery	18.84	
12/15/93	18:30:00	28.06	47.23	1755	Pre-Recovery	19.17	
12/15/93	18:40:00	28.43	47.23	1765	Pre-Recovery	18.80	
12/15/93	18:50:00	28.12	47.23	1775	Pre-Recovery	19.11	
12/15/93	19:00:00	27.94	47.22	1785	Pre-Recovery	19.28	
12/15/93	19:10:00	28.18	47.22	1795	Pre-Recovery	19.04	
12/15/93	19:20:00	27.94	47.21	1805	Pre-Recovery	19.27	
12/15/93	19:30:00	27.90	47.21	1815	Pre-Recovery	19.31	
12/15/93	19:40:00	28.31	47.21	1825	Pre-Recovery	18.90	
12/15/93	19:50:00	28.40	47.20	1835	Pre-Recovery	18.80	
12/15/93	20:00:00	28.09	47.20	1845	Pre-Recovery	19.11	
12/15/93	20:10:00	28.15	47.20	1855	Pre-Recovery	19.05	
12/15/93	20:20:00	28.21	47.19	1865	Pre-Recovery	18.98	
12/15/93	20:30:00	28.09	47.19	1875	Pre-Recovery	19.10	
12/15/93	20:40:00	28.21	47.19	1885	Pre-Recovery	18.98	
12/15/93	20:50:00	28.31	47.18	1895	Pre-Recovery	18.87	
12/15/93	21:00:00	27.84	47.18	1905	Pre-Recovery	19.34	
12/15/93	21:10:00	27.87	47.18	1915	Pre-Recovery	19.31	
12/15/93	21:20:00	27.81	47.17	1925	Pre-Recovery	19.36	
12/15/93	21:30:00	28.15	47.17	1935	Pre-Recovery	19.02	
12/15/93	21:40:00	28.09	47.17	1945	Pre-Recovery	19.08	
12/15/93	21:50:00	28.24	47.16	1955	Pre-Recovery	18.92	
12/15/93	22:00:00	28.00	47.16	1965	Pre-Recovery	19.16	
12/15/93	22:10:00	28.03	47.16	1975	Pre-Recovery	19.13	
12/15/93	22:20:00	28.12	47.15	1985	Pre-Recovery	19.03	
12/15/93	22:30:00	28.21	47.15	1995	Pre-Recovery	18.94	
12/15/93	22:40:00	27.94	47.14	2005	Pre-Recovery	19.20	
12/15/93	22:50:00	28.27	47.14	2015	Pre-Recovery	18.87	
12/15/93	23:00:00	28.24	47.14	2025	Pre-Recovery	18.90	
12/15/93	23:10:00	28.09	47.13	2035	Pre-Recovery	19.04	
12/15/93	23:20:00	28.27	47.13	2045	Pre-Recovery	18.86	
12/15/93	23:30:00	28.27	47.13	2055	Pre-Recovery	18.86	
12/15/93	23:40:00	27.87	47.12	2065	Pre-Recovery	19.25	
12/15/93	23:50:00	28.06	47.12	2075	Pre-Recovery	19.06	
12/16/93	00:00:00	27.97	47.12	2085	Pre-Recovery	19.15	
12/16/93	00:10:00	28.09	47.11	2095	Pre-Recovery	19.02	
12/16/93	00:20:00	28.21	47.11	2105	Pre-Recovery	18.90	
12/16/93	00:30:00	28.06	47.11	2115	Pre-Recovery	19.05	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/93	00:40:00	27.90	47.10	2125	Pre-Recovery	19.20	
12/16/93	00:50:00	28.00	47.10	2135	Pre-Recovery	19.10	
12/16/93	01:00:00	27.69	47.10	2145	Pre-Recovery	19.41	
12/16/93	01:10:00	27.78	47.09	2155	Pre-Recovery	19.31	
12/16/93	01:20:00	27.78	47.09	2165	Pre-Recovery	19.31	
12/16/93	01:30:00	27.69	47.09	2175	Pre-Recovery	19.40	
12/16/93	01:40:00	27.53	47.08	2185	Pre-Recovery	19.55	
12/16/93	01:50:00	27.87	47.08	2195	Pre-Recovery	19.21	
12/16/93	02:00:00	27.38	47.08	2205	Pre-Recovery	19.70	
12/16/93	02:10:00	27.60	47.07	2215	Pre-Recovery	19.47	
12/16/93	02:20:00	27.57	47.07	2225	Pre-Recovery	19.50	
12/16/93	02:30:00	27.60	47.07	2235	Pre-Recovery	19.47	
12/16/93	02:40:00	27.63	47.06	2245	Pre-Recovery	19.43	
12/16/93	02:50:00	27.69	47.06	2255	Pre-Recovery	19.37	
12/16/93	03:00:00	27.90	47.06	2265	Pre-Recovery	19.16	
12/16/93	03:10:00	27.87	47.05	2275	Pre-Recovery	19.18	
12/16/93	03:20:00	28.03	47.05	2285	Pre-Recovery	19.02	
12/16/93	03:30:00	27.72	47.05	2295	Pre-Recovery	19.33	
12/16/93	03:40:00	27.72	47.04	2305	Pre-Recovery	19.32	
12/16/93	03:50:00	27.69	47.04	2315	Pre-Recovery	19.35	
12/16/93	04:00:00	27.94	47.04	2325	Pre-Recovery	19.10	
12/16/93	04:10:00	27.90	47.03	2335	Pre-Recovery	19.13	
12/16/93	04:20:00	27.81	47.03	2345	Pre-Recovery	19.22	
12/16/93	04:30:00	27.47	47.03	2355	Pre-Recovery	19.56	
12/16/93	04:40:00	27.90	47.02	2365	Pre-Recovery	19.12	
12/16/93	04:50:00	27.97	47.02	2375	Pre-Recovery	19.05	
12/16/93	05:00:00	27.50	47.02	2385	Pre-Recovery	19.52	
12/16/93	05:10:00	27.50	47.01	2395	Pre-Recovery	19.51	
12/16/93	05:20:00	27.81	47.01	2405	Pre-Recovery	19.20	
12/16/93	05:30:00	27.60	47.01	2415	Pre-Recovery	19.41	
12/16/93	05:40:00	27.75	47.00	2425	Pre-Recovery	19.25	
12/16/93	05:50:00	27.69	47.00	2435	Pre-Recovery	19.31	
12/16/93	06:00:00	27.94	47.00	2445	Pre-Recovery	19.06	
12/16/93	06:10:00	27.57	46.99	2455	Pre-Recovery	19.42	
12/16/93	06:20:00	27.50	46.99	2465	Pre-Recovery	19.49	
12/16/93	06:30:00	28.12	46.99	2475	Pre-Recovery	18.87	
12/16/93	06:40:00	27.78	46.98	2485	Pre-Recovery	19.20	
12/16/93	06:50:00	27.60	46.98	2495	Pre-Recovery	19.38	
12/16/93	07:00:00	27.75	46.98	2505	Pre-Recovery	19.23	
12/16/93	07:10:00	27.44	46.98	2515	Pre-Recovery	19.54	
12/16/93	07:20:00	27.23	46.97	2525	Pre-Recovery	19.74	
12/16/93	07:30:00	27.63	46.97	2535	Pre-Recovery	19.34	
12/16/93	07:40:00	27.29	46.97	2545	Pre-Recovery	19.68	
12/16/93	07:50:00	27.26	46.96	2555	Pre-Recovery	19.70	
12/16/93	08:00:00	27.01	46.96	2565	Pre-Recovery	19.95	
12/16/93	08:10:00	27.53	46.96	2575	Pre-Recovery	19.43	
12/16/93	08:20:00	27.10	46.95	2585	Pre-Recovery	19.85	
12/16/93	08:30:00	27.60	46.95	2595	Pre-Recovery	19.35	
12/16/93	08:40:00	27.69	46.95	2605	Pre-Recovery	19.26	
12/16/93	08:50:00	27.38	46.94	2615	Pre-Recovery	19.56	
12/16/93	09:00:00	27.44	46.94	2625	Pre-Recovery	19.50	
12/16/93	09:10:00	27.60	46.94	2635	Pre-Recovery	19.34	
12/16/24	09:15:00	27.63	46.94	2640	0	19.31	Shut Off Pum
12/16/24	09:15:01	41.82	46.94	2640.0166	0.01667	5.12	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water—Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/24	09:15:02	26.24	46.94	2640.0333	0.03333	20.70	
12/16/24	09:15:03	5.00	46.94	2640.05	0.05	41.94	
12/16/24	09:15:04	42.44	46.94	2640.0666	0.06667	4.50	
12/16/24	09:15:05	17.85	46.94	2640.0833	0.08333	29.09	
12/16/24	09:15:06	15.66	46.94	2640.1	0.1	31.28	
12/16/24	09:15:07	18.28	46.94	2640.1166	0.11667	28.66	
12/16/24	09:15:08	19.11	46.94	2640.1333	0.13333	27.83	
12/16/24	09:15:09	32.35	46.94	2640.15	0.15	14.59	
12/16/24	09:15:10	35.93	46.94	2640.1666	0.16667	11.01	
12/16/24	09:15:11	36.94	46.94	2640.1833	0.18333	10.00	
12/16/24	09:15:12	38.73	46.94	2640.2	0.2	8.21	
12/16/24	09:15:13	42.96	46.94	2640.2166	0.21667	3.98	
12/16/24	09:15:14	45.43	46.94	2640.2333	0.23333	1.51	
12/16/24	09:15:15	50.08	46.94	2640.25	0.25	-3.14	
12/16/24	09:15:16	52.61	46.94	2640.2666	0.26667	-5.67	
12/16/24	09:15:17	52.64	46.94	2640.2833	0.28333	-5.70	
12/16/24	09:15:18	50.54	46.94	2640.3	0.3	-3.60	
12/16/24	09:15:19	49.15	46.94	2640.3166	0.31667	-2.21	
12/16/24	09:15:20	46.54	46.94	2640.3333	0.33333	0.40	
12/16/24	09:15:21	45.49	46.94	2640.35	0.35	1.45	
12/16/24	09:15:22	44.44	46.94	2640.3666	0.36667	2.50	
12/16/24	09:15:23	44.29	46.94	2640.3833	0.38333	2.65	
12/16/24	09:15:24	44.26	46.94	2640.4	0.4	2.68	
12/16/24	09:15:25	44.59	46.94	2640.4166	0.41667	2.35	
12/16/24	09:15:26	45.24	46.94	2640.4333	0.43333	1.70	
12/16/24	09:15:27	45.95	46.94	2640.45	0.45	0.99	
12/16/24	09:15:28	46.42	46.94	2640.4666	0.46667	0.52	
12/16/24	09:15:29	46.97	46.94	2640.4833	0.48333	-0.03	
12/16/24	09:15:30	47.19	46.94	2640.5	0.5	-0.25	
12/16/24	09:15:31	47.31	46.94	2640.5166	0.51667	-0.37	
12/16/24	09:15:32	47.16	46.94	2640.5333	0.53333	-0.22	
12/16/24	09:15:33	47.09	46.94	2640.55	0.55	-0.15	
12/16/24	09:15:34	47.00	46.94	2640.5666	0.56667	-0.06	
12/16/24	09:15:35	46.94	46.94	2640.5833	0.58333	-0.00	
12/16/24	09:15:36	46.42	46.94	2640.6	0.6	0.52	
12/16/24	09:15:37	46.08	46.94	2640.6166	0.61667	0.86	
12/16/24	09:15:38	45.52	46.94	2640.6333	0.63333	1.42	
12/16/24	09:15:39	45.46	46.94	2640.65	0.65	1.48	
12/16/24	09:15:40	45.77	46.94	2640.6666	0.66667	1.17	
12/16/24	09:15:41	46.01	46.94	2640.6833	0.68333	0.93	
12/16/24	09:15:42	46.42	46.94	2640.7	0.7	0.52	
12/16/24	09:15:43	46.51	46.94	2640.7166	0.71667	0.43	
12/16/24	09:15:44	46.69	46.94	2640.7333	0.73333	0.25	
12/16/24	09:15:45	46.82	46.94	2640.75	0.75	0.12	
12/16/24	09:15:46	47.00	46.94	2640.7666	0.76667	-0.06	
12/16/24	09:15:47	46.94	46.94	2640.7833	0.78333	-0.00	
12/16/24	09:15:48	46.79	46.94	2640.8	0.8	0.15	
12/16/24	09:15:49	46.45	46.94	2640.8166	0.81667	0.49	
12/16/24	09:15:50	46.35	46.94	2640.8333	0.83333	0.59	
12/16/24	09:15:51	46.20	46.94	2640.85	0.85	0.74	
12/16/24	09:15:52	46.14	46.94	2640.8666	0.86667	0.80	
12/16/24	09:15:53	46.04	46.94	2640.8833	0.88333	0.90	
12/16/24	09:15:54	46.04	46.94	2640.9	0.9	0.90	
12/16/24	09:15:55	46.26	46.94	2640.9166	0.91667	0.68	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/24	09:15:56	46.38	46.94	2640.9333	0.93333	0.56	
12/16/24	09:15:57	46.66	46.94	2640.95	0.95	0.28	
12/16/24	09:15:58	46.79	46.94	2640.9666	0.96667	0.15	
12/16/24	09:15:59	46.75	46.94	2640.9833	0.98333	0.19	
12/16/24	09:16:00	46.72	46.94	2641	1	0.22	
12/16/24	09:16:10	46.60	46.94	2641.1666	1.16667	0.34	
12/16/24	09:16:20	45.92	46.94	2641.3333	1.33333	1.02	
12/16/24	09:16:30	46.08	46.94	2641.5	1.5	0.86	
12/16/24	09:16:40	46.66	46.94	2641.6666	1.66667	0.28	
12/16/24	09:16:50	46.88	46.94	2641.8333	1.83333	0.06	
12/16/24	09:17:00	46.82	46.93	2642	2	0.11	
12/16/24	09:17:10	46.69	46.93	2642.1666	2.16667	0.24	
12/16/24	09:17:20	46.51	46.93	2642.3333	2.33333	0.42	
12/16/24	09:17:30	46.48	46.93	2642.5	2.5	0.45	
12/16/24	09:17:40	46.54	46.93	2642.6666	2.66667	0.39	
12/16/24	09:17:50	46.63	46.93	2642.8333	2.83333	0.30	
12/16/24	09:18:00	46.72	46.93	2643	3	0.21	
12/16/24	09:18:10	46.72	46.93	2643.1666	3.16667	0.21	
12/16/24	09:18:20	46.66	46.93	2643.3333	3.33333	0.27	
12/16/24	09:18:30	46.63	46.93	2643.5	3.5	0.30	
12/16/24	09:18:40	46.63	46.93	2643.6666	3.66667	0.30	
12/16/24	09:18:50	46.66	46.93	2643.8333	3.83333	0.27	
12/16/24	09:19:00	46.69	46.93	2644	4	0.24	
12/16/24	09:19:10	46.72	46.93	2644.1666	4.16667	0.21	
12/16/24	09:19:20	46.72	46.93	2644.3333	4.33333	0.21	
12/16/24	09:19:30	46.69	46.93	2644.5	4.5	0.24	
12/16/24	09:19:40	46.69	46.93	2644.6666	4.66667	0.24	
12/16/24	09:19:50	46.69	46.93	2644.8333	4.83333	0.24	
12/16/93	09:21:00	46.72	46.93	2646	6	0.21	
12/16/93	09:22:00	46.75	46.93	2647	7	0.18	
12/16/93	09:23:00	46.75	46.93	2648	8	0.18	
12/16/93	09:24:00	46.79	46.93	2649	9	0.14	
12/16/93	09:25:00	46.79	46.93	2650	10	0.14	
12/16/93	09:26:00	46.79	46.93	2651	11	0.14	
12/16/93	09:27:00	46.79	46.93	2652	12	0.14	
12/16/93	09:28:00	46.82	46.93	2653	13	0.11	
12/16/93	09:29:00	46.88	46.93	2654	14	0.05	
12/16/93	09:30:00	46.91	46.93	2655	15	0.02	
12/16/93	09:31:00	46.91	46.93	2656	16	0.02	
12/16/93	09:32:00	46.91	46.93	2657	17	0.02	
12/16/93	09:33:00	46.88	46.93	2658	18	0.05	
12/16/93	09:34:00	46.88	46.93	2659	19	0.05	
12/16/93	09:35:00	46.88	46.93	2660	20	0.05	
12/16/93	09:36:00	46.85	46.93	2661	21	0.08	
12/16/93	09:37:00	46.85	46.93	2662	22	0.08	
12/16/93	09:38:00	46.85	46.93	2663	23	0.08	
12/16/93	09:39:00	46.85	46.93	2664	24	0.08	
12/16/93	09:40:00	46.85	46.93	2665	25	0.08	
12/16/93	09:41:00	46.85	46.93	2666	26	0.08	
12/16/93	09:42:00	46.85	46.93	2667	27	0.08	
12/16/93	09:43:00	46.85	46.93	2668	28	0.08	
12/16/93	09:44:00	46.85	46.93	2669	29	0.08	
12/16/93	09:45:00	46.85	46.93	2670	30	0.08	
12/16/93	09:46:00	46.85	46.93	2671	31	0.08	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/93	09:47:00	46.85	46.93	2672	32	0.08	
12/16/93	09:48:00	46.85	46.93	2673	33	0.08	
12/16/93	09:49:00	46.85	46.92	2674	34	0.07	
12/16/93	09:50:00	46.85	46.92	2675	35	0.07	
12/16/93	09:51:00	46.85	46.92	2676	36	0.07	
12/16/93	09:52:00	46.85	46.92	2677	37	0.07	
12/16/93	09:53:00	46.85	46.92	2678	38	0.07	
12/16/93	09:54:00	46.88	46.92	2679	39	0.04	
12/16/93	09:55:00	46.82	46.92	2680	40	0.10	
12/16/93	09:56:00	46.79	46.92	2681	41	0.13	
12/16/93	09:57:00	46.75	46.92	2682	42	0.17	
12/16/93	09:58:00	46.79	46.92	2683	43	0.13	
12/16/93	09:59:00	46.79	46.92	2684	44	0.13	
12/16/93	10:00:00	46.79	46.92	2685	45	0.13	
12/16/93	10:05:00	46.82	46.92	2690	50	0.10	
12/16/93	10:10:00	46.94	46.92	2695	55	-0.02	
12/16/93	10:15:00	46.91	46.92	2700	60	0.01	
12/16/93	10:20:00	46.79	46.92	2705	65	0.13	
12/16/93	10:25:00	46.88	46.91	2710	70	0.03	
12/16/93	10:30:00	46.91	46.91	2715	75	0.00	
12/16/93	10:35:00	46.88	46.91	2720	80	0.03	
12/16/93	10:40:00	46.88	46.91	2725	85	0.03	
12/16/93	10:45:00	46.88	46.91	2730	90	0.03	
12/16/93	10:50:00	46.88	46.91	2735	95	0.03	
12/16/93	10:55:00	46.88	46.90	2740	100	0.02	
12/16/93	11:00:00	46.88	46.90	2745	105	0.02	
12/16/93	11:05:00	46.88	46.90	2750	110	0.02	
12/16/93	11:10:00	46.88	46.90	2755	115	0.02	
12/16/93	11:15:00	46.88	46.90	2760	120	0.02	
12/16/93	11:20:00	46.85	46.90	2765	125	0.05	
12/16/93	11:25:00	46.85	46.90	2770	130	0.05	
12/16/93	11:30:00	46.85	46.89	2775	135	0.04	
12/16/93	11:35:00	46.79	46.89	2780	140	0.10	
12/16/93	11:40:00	46.91	46.89	2785	145	-0.02	
12/16/93	11:45:00	46.88	46.89	2790	150	0.01	
12/16/93	11:50:00	46.88	46.89	2795	155	0.01	
12/16/93	11:55:00	46.88	46.89	2800	160	0.01	
12/16/93	12:00:00	46.85	46.88	2805	165	0.03	
12/16/93	12:05:00	46.85	46.88	2810	170	0.03	
12/16/93	12:10:00	46.88	46.88	2815	175	0.00	
12/16/93	12:15:00	46.88	46.88	2820	180	-0.00	
12/16/93	12:20:00	46.85	46.88	2825	185	0.03	
12/16/93	12:30:00	46.88	46.88	2835	195	-0.00	
12/16/93	12:40:00	46.88	46.87	2845	205	-0.01	
12/16/93	12:50:00	46.88	46.87	2855	215	-0.01	
12/16/93	13:00:00	46.88	46.87	2865	225	-0.01	
12/16/93	13:10:00	46.88	46.86	2875	235	-0.02	
12/16/93	13:20:00	46.88	46.86	2885	245	-0.02	
12/16/93	13:30:00	46.85	46.86	2895	255	0.01	
12/16/93	13:40:00	46.85	46.85	2905	265	0.00	
12/16/93	13:50:00	46.88	46.85	2915	275	-0.03	
12/16/93	14:00:00	46.85	46.85	2925	285	-0.00	
12/16/93	14:10:00	46.85	46.85	2935	295	-0.00	
12/16/93	14:20:00	46.85	46.84	2945	305	-0.01	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/93	14:30:00	46.85	46.84	2955	315	-0.01	
12/16/93	14:40:00	46.85	46.84	2965	325	-0.01	
12/16/93	14:50:00	46.85	46.83	2975	335	-0.02	
12/16/93	15:00:00	46.85	46.83	2985	345	-0.02	
12/16/93	15:10:00	46.85	46.83	2995	355	-0.02	
12/16/93	15:20:00	46.85	46.82	3005	365	-0.03	
12/16/93	15:30:00	46.85	46.82	3015	375	-0.03	
12/16/93	15:40:00	46.85	46.82	3025	385	-0.03	
12/16/93	15:50:00	46.85	46.82	3035	395	-0.03	
12/16/93	16:00:00	46.85	46.81	3045	405	-0.04	
12/16/93	16:10:00	46.85	46.81	3055	415	-0.04	
12/16/93	16:20:00	46.82	46.81	3065	425	-0.01	
12/16/93	16:30:00	46.82	46.80	3075	435	-0.02	
12/16/93	16:40:00	46.82	46.80	3085	445	-0.02	
12/16/93	16:50:00	46.82	46.80	3095	455	-0.02	
12/16/93	17:00:00	46.82	46.80	3105	465	-0.02	
12/16/93	17:10:00	46.82	46.79	3115	475	-0.03	
12/16/93	17:20:00	46.82	46.79	3125	485	-0.03	
12/16/93	17:30:00	46.82	46.79	3135	495	-0.03	
12/16/93	17:40:00	46.82	46.78	3145	505	-0.04	
12/16/93	17:50:00	46.82	46.78	3155	515	-0.04	
12/16/93	18:00:00	46.82	46.78	3165	525	-0.04	
12/16/93	18:10:00	46.79	46.78	3175	535	-0.01	
12/16/93	18:20:00	46.79	46.77	3185	545	-0.02	
12/16/93	18:30:00	46.72	46.77	3195	555	0.05	
12/16/93	18:40:00	46.82	46.77	3205	565	-0.05	
12/16/93	18:50:00	46.79	46.76	3215	575	-0.03	
12/16/93	19:00:00	46.79	46.76	3225	585	-0.03	
12/16/93	19:10:00	46.79	46.76	3235	595	-0.03	
12/16/93	19:20:00	46.79	46.76	3245	605	-0.03	
12/16/93	19:30:00	46.75	46.75	3255	615	0.00	
12/16/93	19:40:00	46.75	46.75	3265	625	-0.00	
12/16/93	19:50:00	46.75	46.75	3275	635	-0.00	
12/16/93	20:00:00	46.75	46.74	3285	645	-0.01	
12/16/93	20:10:00	46.75	46.74	3295	655	-0.01	
12/16/93	20:20:00	46.72	46.74	3305	665	0.02	
12/16/93	20:30:00	46.72	46.74	3315	675	0.02	
12/16/93	20:40:00	46.72	46.73	3325	685	0.01	
12/16/93	20:50:00	46.72	46.73	3335	695	0.01	
12/16/93	21:00:00	46.72	46.73	3345	705	0.01	
12/16/93	21:10:00	46.69	46.72	3355	715	0.03	
12/16/93	21:20:00	46.69	46.72	3365	725	0.03	
12/16/93	21:30:00	46.69	46.72	3375	735	0.03	
12/16/93	21:40:00	46.69	46.72	3385	745	0.03	
12/16/93	21:50:00	46.69	46.71	3395	755	0.02	
12/16/93	22:00:00	46.69	46.71	3405	765	0.02	
12/16/93	22:10:00	46.69	46.71	3415	775	0.02	
12/16/93	22:20:00	46.66	46.71	3425	785	0.05	
12/16/93	22:30:00	46.66	46.70	3435	795	0.04	
12/16/93	22:40:00	46.66	46.70	3445	805	0.04	
12/16/93	22:50:00	46.66	46.70	3455	815	0.04	
12/16/93	23:00:00	46.63	46.69	3465	825	0.06	
12/16/93	23:10:00	46.63	46.69	3475	835	0.06	
12/16/93	23:20:00	46.63	46.69	3485	845	0.06	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water--Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/16/93	23:30:00	46.63	46.69	3495	855	0.06	
12/16/93	23:40:00	46.63	46.68	3505	865	0.05	
12/16/93	23:50:00	46.63	46.68	3515	875	0.05	
12/17/93	00:00:00	46.63	46.68	3525	885	0.05	
12/17/93	00:10:00	46.63	46.68	3535	895	0.05	
12/17/93	00:20:00	46.63	46.67	3545	905	0.04	
12/17/93	00:30:00	46.63	46.67	3555	915	0.04	
12/17/93	00:40:00	46.63	46.67	3565	925	0.04	
12/17/93	00:50:00	46.63	46.66	3575	935	0.03	
12/17/93	01:00:00	46.63	46.66	3585	945	0.03	
12/17/93	01:10:00	46.63	46.66	3595	955	0.03	
12/17/93	01:20:00	46.63	46.66	3605	965	0.03	
12/17/93	01:30:00	46.63	46.65	3615	975	0.02	
12/17/93	01:40:00	46.63	46.65	3625	985	0.02	
12/17/93	01:50:00	46.63	46.65	3635	995	0.02	
12/17/93	02:00:00	46.63	46.65	3645	1005	0.02	
12/17/93	02:10:00	46.63	46.64	3655	1015	0.01	
12/17/93	02:20:00	46.63	46.64	3665	1025	0.01	
12/17/93	02:30:00	46.63	46.64	3675	1035	0.01	
12/17/93	02:40:00	46.60	46.64	3685	1045	0.04	
12/17/93	02:50:00	46.60	46.63	3695	1055	0.03	
12/17/93	03:00:00	46.63	46.63	3705	1065	0.00	
12/17/93	03:10:00	46.60	46.63	3715	1075	0.03	
12/17/93	03:20:00	46.60	46.63	3725	1085	0.03	
12/17/93	03:30:00	46.60	46.62	3735	1095	0.02	
12/17/93	03:40:00	46.60	46.62	3745	1105	0.02	
12/17/93	03:50:00	46.60	46.62	3755	1115	0.02	
12/17/93	04:00:00	46.60	46.62	3765	1125	0.02	
12/17/93	04:10:00	46.60	46.61	3775	1135	0.01	
12/17/93	04:20:00	46.60	46.61	3785	1145	0.01	
12/17/93	04:30:00	46.60	46.61	3795	1155	0.01	
12/17/93	04:40:00	46.60	46.60	3805	1165	0.00	
12/17/93	04:50:00	46.60	46.60	3815	1175	0.00	
12/17/93	05:00:00	46.60	46.60	3825	1185	-0.00	
12/17/93	05:10:00	46.60	46.60	3835	1195	-0.00	
12/17/93	05:20:00	46.60	46.59	3845	1205	-0.01	
12/17/93	05:30:00	46.60	46.59	3855	1215	-0.01	
12/17/93	05:40:00	46.60	46.59	3865	1225	-0.01	
12/17/93	05:50:00	46.60	46.59	3875	1235	-0.01	
12/17/93	06:00:00	46.60	46.58	3885	1245	-0.02	
12/17/93	06:10:00	46.60	46.58	3895	1255	-0.02	
12/17/93	06:20:00	46.60	46.58	3905	1265	-0.02	
12/17/93	06:30:00	46.60	46.58	3915	1275	-0.02	
12/17/93	06:40:00	46.60	46.57	3925	1285	-0.03	
12/17/93	06:50:00	46.60	46.57	3935	1295	-0.03	
12/17/93	07:00:00	46.60	46.57	3945	1305	-0.03	
12/17/93	07:10:00	46.60	46.57	3955	1315	-0.03	
12/17/93	07:20:00	46.60	46.56	3965	1325	-0.04	
12/17/93	07:30:00	46.60	46.56	3975	1335	-0.04	
12/17/93	07:40:00	46.60	46.56	3985	1345	-0.04	
12/17/93	07:50:00	46.60	46.56	3995	1355	-0.04	
12/17/93	08:00:00	46.60	46.56	4005	1365	-0.04	
12/17/93	08:10:00	46.57	46.55	4015	1375	-0.02	
12/17/93	08:20:00	46.60	46.55	4025	1385	-0.05	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water Level Elevation		Time Since Start of Pumping (min)	Time Since End of Pumping (min)	Drawdown (ft)	Comments
		Measured (feet)	Corrected for ⁽¹⁾ External Influences (feet)				
12/17/93	08:30:00	46.60	46.55	4035	1395	-0.05	
12/17/93	08:40:00	46.60	46.55	4045	1405	-0.05	
12/17/93	08:50:00	46.60	46.54	4055	1415	-0.06	
12/17/93	09:00:00	46.60	46.54	4065	1425	-0.06	
12/17/93	09:10:00	46.48	46.54	4075	1435	0.06	
12/17/93	09:20:00	46.51	46.54	4085	1445	0.03	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/09/93	08:34:00	42.56	
12/10/93	14:26:00	42.44	
12/10/93	18:04:00	42.47	
12/11/93	12:38:00	42.47	
12/13/93	09:10:00	42.25	
12/13/93	14:38:00	42.31	
12/13/93	17:12:00	42.34	
12/14/93	08:34:00	42.37	
12/14/93	10:40:00	47.23	
12/14/93	10:44:00	47.28	
12/14/93	10:46:00	42.98	
12/14/93	10:46:30	42.88	
12/14/93	10:46:15	42.90	
12/14/93	10:47:15	42.26	
12/14/93	10:47:45	39.02	
12/14/93	10:48:30	38.40	
12/14/93	10:49:00	38.98	
12/14/93	10:49:15	38.98	
12/14/93	10:49:45	39.08	
12/14/93	10:50:15	38.90	
12/14/93	10:51:30	39.16	
12/14/93	10:52:30	29.94	
12/14/93	10:53:00	28.98	
12/14/93	10:53:15	29.91	
12/14/93	10:53:45	29.45	
12/14/93	10:54:00	29.50	
12/14/93	10:55:00	29.40	
12/14/93	10:56:00	49.00	
12/14/93	10:56:45	47.80	
12/14/93	10:57:00	47.90	
12/14/93	10:57:15	48.00	
12/14/93	10:57:30	47.92	
12/14/93	10:57:45	47.96	
12/14/93	10:58:00	47.95	
12/14/93	10:58:15	47.94	
12/14/93	10:58:30	47.95	
12/14/93	10:58:45	47.96	
12/14/93	10:59:00	47.96	
12/14/93	10:59:30	47.96	
12/14/93	11:00:00	47.96	
12/14/93	11:03:00	47.96	
12/14/93	11:05:00	49.98	
12/14/93	11:06:00	47.97	
12/14/93	11:07:00	47.97	
12/14/93	11:08:00	47.96	
12/14/93	11:09:00	47.96	
12/14/93	11:10:00	47.97	
12/14/93	11:11:00	47.98	
12/14/93	13:15:00	47.84	Begin Pumping @ ICW-2
12/14/93	13:15:40	39.07	
12/14/93	13:16:00	28.82	
12/14/93	13:16:30	28.70	
12/14/93	13:17:00	28.78	
12/14/93	13:17:30	28.66	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/14/93	13:17:45	28.39	
12/14/93	13:18:00	28.53	
12/14/93	13:18:15	28.43	
12/14/93	13:18:30	28.14	
12/14/93	13:18:45	28.36	
12/14/93	13:19:00	28.38	
12/14/93	13:19:30	28.85	
12/14/93	13:20:00	29.21	
12/14/93	13:20:30	29.15	
12/14/93	13:21:00	29.10	
12/14/93	13:21:30	29.10	
12/14/93	13:22:00	29.04	
12/14/93	13:22:30	28.99	
12/14/93	13:23:00	29.04	
12/14/93	13:23:30	29.09	
12/14/93	13:24:00	29.03	
12/14/93	13:24:30	29.00	
12/14/93	13:25:00	29.03	
12/14/93	13:26:00	29.08	
12/14/93	13:27:00	29.04	
12/14/93	13:28:00	29.06	
12/14/93	13:29:00	29.12	
12/14/93	13:30:00	29.03	
12/14/93	13:31:00	29.06	
12/14/93	13:32:00	29.05	
12/14/93	13:33:00	29.05	
12/14/93	13:34:00	28.98	
12/14/93	13:35:00	28.98	
12/14/93	13:36:00	28.98	
12/14/93	13:37:00	28.98	
12/14/93	13:38:00	28.98	
12/14/93	13:39:00	28.98	
12/14/93	13:40:00	28.96	
12/14/93	13:41:00	28.96	
12/14/93	13:42:00	28.96	
12/14/93	13:43:00	28.96	
12/14/93	13:44:00	28.94	
12/14/93	13:45:00	28.95	
12/14/93	13:46:00	28.94	
12/14/93	13:47:00	28.88	
12/14/93	13:48:00	28.98	
12/14/93	13:49:00	28.94	
12/14/93	13:50:00	28.92	
12/14/93	13:51:00	28.96	
12/14/93	13:52:00	28.93	
12/14/93	13:55:00	28.89	
12/14/93	13:56:00	28.91	
12/14/93	13:58:00	28.78	
12/14/93	14:00:00	28.85	
12/14/93	14:02:00	28.89	
12/14/93	14:03:00	28.83	
12/14/93	14:05:00	28.89	
12/14/93	14:07:00	28.78	
12/14/93	14:09:00	28.91	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW--2

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/14/93	14:11:00	28.83	
12/14/93	14:13:00	28.78	
12/14/93	14:15:00	28.78	
12/14/93	14:20:00	28.83	
12/14/93	14:25:00	28.88	
12/14/93	14:30:00	28.81	
12/14/93	14:35:00	28.84	
12/14/93	14:40:00	28.93	
12/14/93	14:45:00	28.95	
12/14/93	14:50:00	29.01	
12/14/93	14:55:00	28.96	
12/14/93	15:00:00	28.99	
12/14/93	15:05:00	28.96	
12/14/93	15:10:00	28.99	
12/14/93	15:15:00	28.93	
12/14/93	15:25:00	28.94	
12/14/93	15:35:00	28.93	
12/14/93	15:45:00	28.92	
12/14/93	15:55:00	28.9	
12/14/93	16:05:00	28.89	
12/14/93	16:15:00	28.89	
12/14/93	16:25:00	28.9	
12/14/93	16:35:00	28.88	
12/14/93	16:45:00	28.92	
12/14/93	16:55:00	28.9	
12/14/93	17:05:00	28.88	
12/14/93	17:15:00	28.86	
12/14/93	17:30:00	28.78	
12/14/93	17:45:00	28.88	
12/14/93	18:00:00	28.82	
12/14/93	18:15:00	28.64	
12/14/93	18:30:00	28.8	
12/14/93	18:45:00	28.76	
12/14/93	19:00:00	28.7	
12/14/93	19:15:00	28.76	
12/14/93	19:30:00	28.78	
12/14/93	19:45:00	28.72	
12/14/93	20:00:00	28.74	
12/14/93	20:15:00	28.7	
12/14/93	20:30:00	28.7	
12/14/93	20:45:00	28.7	
12/14/93	21:00:00	28.74	
12/14/93	21:15:00	28.74	
12/14/93	21:30:00	28.72	
12/14/93	21:45:00	28.72	
12/14/93	22:00:00	28.68	
12/14/93	22:15:00	28.62	
12/14/93	22:30:00	28.64	
12/14/93	22:45:00	28.62	
12/14/93	23:00:00	28.66	
12/14/93	23:15:00	28.6	
12/14/93	23:45:00	28.6	
12/15/93	00:15:00	28.58	
12/15/93	00:45:00	28.54	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/15/93	01:15:00	28.58	
12/15/93	01:45:00	28.56	
12/15/93	02:15:00	28.56	
12/15/93	02:45:00	28.58	
12/15/93	03:15:00	28.58	
12/15/93	03:45:00	28.54	
12/15/93	04:15:00	28.5	
12/15/93	04:45:00	28.52	
12/15/93	05:25:00	28.5	
12/15/93	05:45:00	28.52	
12/15/93	06:10:00	28.52	
12/15/93	06:15:00	28.52	
12/15/93	07:15:00	28.4	
12/15/93	07:45:00	28.39	
12/15/93	08:15:00	28.34	
12/15/93	08:45:00	28.34	
12/15/93	09:15:00	28.36	
12/15/93	09:45:00	28.4	
12/15/93	10:15:00	28.4	
12/15/93	10:45:00	28.38	
12/15/93	11:15:00	28.36	
12/15/93	11:45:00	28.26	
12/15/93	12:16:00	28.22	
12/15/93	12:45:00	28.24	
12/15/93	13:15:00	28.28	
12/15/93	13:45:00	28.32	
12/15/93	14:15:00	28.26	
12/15/93	14:45:00	28.34	
12/15/93	15:15:00	28.28	
12/15/93	15:45:00	28.32	
12/15/93	16:15:00	28.28	
12/15/93	16:45:00	28.28	
12/15/93	17:15:00	28.24	
12/15/93	17:45:00	28.16	
12/15/93	18:15:00	28.18	
12/15/93	18:45:00	28.14	
12/15/93	19:15:00	28.12	
12/15/93	19:45:00	28.14	
12/15/93	20:15:00	28.1	
12/15/93	20:45:00	28.1	
12/15/93	21:15:00	28.1	
12/15/93	21:45:00	28.1	
12/15/93	22:15:00	28.08	
12/15/93	22:45:00	28.08	
12/15/93	23:15:00	28.04	
12/15/93	23:45:00	28.04	
12/16/93	00:15:00	28.04	
12/16/93	00:49:00	28.02	
12/16/93	01:20:00	27.74	
12/16/93	01:45:00	27.74	
12/16/93	02:15:00	27.74	
12/16/93	02:45:00	27.76	
12/16/93	03:15:00	27.76	
12/16/93	03:47:00	27.74	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/16/93	04:15:00	27.76	
12/16/93	04:45:00	27.72	
12/16/93	05:52:00	27.76	
12/16/93	06:29:00	27.72	
12/16/93	06:45:00	27.56	
12/16/93	07:15:00	27.44	
12/16/93	07:45:00	27.41	
12/16/93	08:15:00	27.49	
12/16/93	08:46:00	27.52	
12/16/93	09:11:00	27.64	
12/16/93	09:15:00	27.44	End Pumping
12/16/93	09:15:40	46.38	
12/16/93	09:16:05	46.78	
12/16/93	09:16:30	46.77	
12/16/93	09:16:40	46.53	
12/16/93	09:16:50	46.48	
12/16/93	09:17:00	46.77	
12/16/93	09:17:10	46.53	
12/16/93	09:17:20	46.48	
12/16/93	09:17:30	46.45	
12/16/93	09:17:50	46.58	
12/16/93	09:18:00	46.64	
12/16/93	09:18:20	46.66	
12/16/93	09:18:20	46.62	
12/16/93	09:18:30	46.56	
12/16/93	09:18:40	46.56	
12/16/93	09:18:50	46.58	
12/16/93	09:19:00	46.60	
12/16/93	09:19:10	46.62	
12/16/93	09:19:20	46.62	
12/16/93	09:19:30	46.61	
12/16/93	09:19:40	46.60	
12/16/93	09:19:50	46.60	
12/16/93	09:20:00	46.60	
12/16/93	09:20:20	46.61	
12/16/93	09:20:30	46.61	
12/16/93	09:20:40	46.61	
12/16/93	09:20:50	46.61	
12/16/93	09:21:00	46.61	
12/16/93	09:21:30	46.61	
12/16/93	09:22:00	46.61	
12/16/93	09:22:30	46.62	
12/16/93	09:23:00	46.62	
12/16/93	09:23:30	46.62	
12/16/93	09:24:00	46.61	
12/16/93	09:24:30	46.62	
12/16/93	09:25:00	46.62	
12/16/93	09:25:30	46.62	
12/16/93	09:26:00	46.62	
12/16/93	09:26:30	46.62	
12/16/93	09:27:00	46.62	
12/16/93	09:27:30	46.63	
12/16/93	09:28:00	46.62	
12/16/93	09:28:03	46.63	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water Level Elevation Measured (feet)	Comments
12/16/93	09:29:00	46.63	
12/16/93	09:29:30	46.62	
12/16/93	09:30:00	46.63	
12/16/93	09:31:00	46.63	
12/16/93	09:32:00	46.63	
12/16/93	09:33:00	46.63	
12/16/93	09:34:00	46.63	
12/16/93	09:35:00	46.63	
12/16/93	09:35:30	46.63	
12/16/93	09:36:00	46.63	
12/16/93	09:37:00	46.63	
12/16/93	09:38:00	46.64	
12/16/93	09:39:00	46.63	
12/16/93	09:40:00	46.64	
12/16/93	09:41:00	46.64	
12/16/93	09:42:00	46.64	
12/16/93	09:43:00	46.64	
12/16/93	09:44:00	46.64	
12/16/93	09:45:00	46.64	
12/16/93	09:46:00	46.64	
12/16/93	09:47:00	46.64	
12/16/93	09:48:00	46.64	
12/16/93	09:49:00	46.64	
12/16/93	09:50:00	46.64	
12/16/93	09:52:00	46.64	
12/16/93	09:54:00	46.64	
12/16/93	09:56:00	46.64	
12/16/93	09:58:00	46.64	
12/16/93	10:00:00	46.64	
12/16/93	10:05:00	46.64	
12/16/93	10:10:00	46.64	
12/16/93	10:15:00	46.64	
12/16/93	10:25:00	46.63	
12/16/93	10:35:00	46.63	
12/16/93	10:45:00	46.63	
12/16/93	10:55:00	46.63	
12/16/93	11:05:00	46.62	
12/16/93	11:15:00	46.62	
12/16/93	11:30:00	46.62	
12/16/93	11:45:00	46.62	
12/16/93	12:00:00	46.61	
12/16/93	12:15:00	46.61	
12/16/93	12:30:00	46.62	
12/16/93	12:45:00	46.61	
12/16/93	13:00:00	46.61	
12/16/93	13:15:00	46.60	
12/16/93	13:35:00	46.59	
12/16/93	13:55:00	46.58	
12/16/93	14:15:00	46.58	
12/16/93	14:35:00	46.57	
12/16/93	14:55:00	46.56	
12/16/93	15:15:00	46.56	
12/16/93	15:35:00	46.56	
12/16/93	15:55:00	46.55	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
ICW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	16:15:00	46.55	
12/16/93	16:35:00	46.54	
12/16/93	16:55:00	46.53	
12/16/93	17:15:00	46.52	
12/16/93	18:21:00	46.49	
12/17/93	09:06:00	46.15	
12/17/93	09:15:00	46.16	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/09/93	00:17:00	50.16	
12/09/93	00:47:00	50.21	
12/09/93	01:17:00	50.25	
12/09/93	01:47:00	50.22	
12/09/93	02:17:00	50.29	
12/09/93	02:47:00	50.24	
12/09/93	03:17:00	50.28	
12/09/93	03:47:00	50.27	
12/09/93	04:17:00	50.23	
12/09/93	04:47:00	50.24	
12/09/93	05:17:00	50.25	
12/09/93	05:47:00	50.19	
12/09/93	06:17:00	50.11	
12/09/93	06:47:00	50.18	
12/09/93	07:17:00	50.16	
12/09/93	07:47:00	50.16	
12/09/93	08:17:00	50.15	
12/09/93	08:47:00	50.15	
12/09/93	09:17:00	50.22	
12/09/93	09:47:00	50.21	
12/09/93	10:17:00	50.25	
12/09/93	10:47:00	50.25	
12/09/93	11:17:00	50.23	
12/09/93	11:47:00	50.19	
12/09/93	12:17:00	50.29	
12/09/93	12:47:00	50.30	
12/09/93	13:17:00	50.32	
12/09/93	13:47:00	50.40	
12/09/93	14:17:00	50.37	
12/09/93	14:47:00	50.44	
12/09/93	15:17:00	50.40	
12/09/93	15:47:00	50.37	
12/09/93	16:17:00	50.38	
12/09/93	16:47:00	50.32	
12/09/93	17:17:00	50.35	
12/09/93	17:47:00	50.29	
12/09/93	18:17:00	50.29	
12/09/93	18:47:00	50.15	
12/09/93	19:17:00	50.14	
12/09/93	19:47:00	50.16	
12/09/93	20:17:00	50.21	
12/09/93	20:47:00	50.12	
12/09/93	21:17:00	50.21	
12/09/93	21:47:00	50.16	
12/09/93	22:17:00	50.20	
12/09/93	22:47:00	50.20	
12/09/93	23:17:00	50.22	
12/09/93	23:47:00	50.26	
12/10/93	00:17:00	50.29	
12/10/93	00:47:00	50.28	
12/10/93	01:17:00	50.29	
12/10/93	01:47:00	50.31	
12/10/93	02:17:00	50.26	
12/10/93	02:47:00	50.32	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/10/93	03:17:00	50.30	
12/10/93	03:47:00	50.29	
12/10/93	04:17:00	50.32	
12/10/93	04:47:00	50.29	
12/10/93	05:17:00	50.33	
12/10/93	05:47:00	50.26	
12/10/93	06:17:00	50.29	
12/10/93	06:47:00	50.26	
12/10/93	07:17:00	50.26	
12/10/93	07:47:00	50.25	
12/10/93	08:17:00	50.24	
12/10/93	08:47:00	50.30	
12/10/93	09:17:00	50.27	
12/10/93	09:47:00	50.33	
12/10/93	10:17:00	50.28	
12/10/93	10:47:00	50.28	
12/10/93	11:17:00	50.33	
12/10/93	11:47:00	50.29	
12/10/93	12:17:00	50.27	
12/10/93	12:47:00	50.33	
12/10/93	13:17:00	50.40	
12/10/93	13:47:00	50.36	
12/10/93	14:17:00	50.42	
12/10/93	14:47:00	50.38	
12/10/93	15:17:00	50.44	
12/10/93	15:47:00	50.42	
12/10/93	16:17:00	50.43	
12/10/93	16:47:00	50.46	
12/10/93	17:17:00	50.43	
12/10/93	17:47:00	50.48	
12/10/93	18:17:00	50.45	
12/10/93	18:47:00	50.42	
12/10/93	19:17:00	50.41	
12/10/93	19:47:00	50.39	
12/10/93	20:17:00	50.42	
12/10/93	20:47:00	50.37	
12/10/93	21:17:00	50.40	
12/10/93	21:47:00	50.37	
12/10/93	22:17:00	50.38	
12/10/93	22:47:00	50.27	
12/10/93	23:17:00	50.31	
12/10/93	23:47:00	50.30	
12/11/93	00:17:00	50.31	
12/11/93	00:47:00	50.29	
12/11/93	01:17:00	50.38	
12/11/93	01:47:00	50.38	
12/11/93	02:17:00	50.43	
12/11/93	02:47:00	50.44	
12/11/93	03:17:00	50.43	
12/11/93	03:47:00	50.48	
12/11/93	04:17:00	50.45	
12/11/93	04:47:00	50.51	
12/11/93	05:17:00	50.47	
12/11/93	05:47:00	50.45	

Hermit Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW~1

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/11/93	06:17:00	50.47	
12/11/93	06:47:00	50.38	
12/11/93	07:17:00	50.44	
12/11/93	07:47:00	50.35	
12/11/93	08:17:00	50.42	
12/11/93	08:47:00	50.39	
12/11/93	09:17:00	50.39	
12/11/93	09:47:00	50.40	
12/11/93	10:17:00	50.40	
12/11/93	10:47:00	50.42	
12/11/93	11:17:00	50.42	
12/11/93	11:47:00	50.34	
12/11/93	12:17:00	50.40	
12/11/93	12:47:00	50.43	
12/11/93	13:02:00	50.47	
12/11/93	13:32:00	50.45	
12/11/93	14:02:00	50.48	
12/11/93	14:32:00	50.50	
12/11/93	15:02:00	50.47	
12/11/93	15:32:00	50.46	
12/11/93	16:02:00	50.40	
12/11/93	16:32:00	50.40	
12/11/93	17:02:00	50.40	
12/11/93	17:32:00	50.37	
12/11/93	18:02:00	50.40	
12/11/93	18:32:00	50.30	
12/11/93	19:02:00	50.33	
12/11/93	19:32:00	50.29	
12/11/93	20:02:00	50.35	
12/11/93	20:32:00	50.31	
12/11/93	21:02:00	50.35	
12/11/93	21:32:00	50.27	
12/11/93	22:02:00	50.25	
12/11/93	22:32:00	50.23	
12/11/93	23:02:00	50.13	
12/11/93	23:32:00	50.20	
12/12/93	00:02:00	50.12	
12/12/93	00:32:00	50.12	
12/12/93	01:02:00	50.17	
12/12/93	01:32:00	50.17	
12/12/93	02:02:00	50.23	
12/12/93	02:32:00	50.26	
12/12/93	03:02:00	50.24	
12/12/93	03:32:00	50.29	
12/12/93	04:02:00	50.25	
12/12/93	04:32:00	50.31	
12/12/93	05:02:00	50.33	
12/12/93	05:32:00	50.27	
12/12/93	06:02:00	50.31	
12/12/93	06:32:00	50.31	
12/12/93	07:02:00	50.27	
12/12/93	07:32:00	50.31	
12/12/93	08:02:00	50.32	
12/12/93	08:32:00	50.25	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/12/93	09:02:00	50.32	
12/12/93	09:32:00	50.25	
12/12/93	10:02:00	50.32	
12/12/93	10:32:00	50.37	
12/12/93	11:02:00	50.36	
12/12/93	11:32:00	50.35	
12/12/93	12:02:00	50.29	
12/12/93	12:32:00	50.38	
12/12/93	13:02:00	50.32	
12/12/93	13:32:00	50.37	
12/12/93	14:02:00	50.36	
12/12/93	14:32:00	50.36	
12/12/93	15:02:00	50.41	
12/12/93	15:32:00	50.47	
12/12/93	16:02:00	50.51	
12/12/93	16:32:00	50.52	
12/12/93	17:02:00	50.52	
12/12/93	17:32:00	50.52	
12/12/93	18:02:00	50.51	
12/12/93	18:32:00	50.48	
12/12/93	19:02:00	50.46	
12/12/93	19:32:00	50.44	
12/12/93	20:02:00	50.42	
12/12/93	20:32:00	50.41	
12/12/93	21:02:00	50.39	
12/12/93	21:32:00	50.37	
12/12/93	22:02:00	50.36	
12/12/93	22:32:00	50.36	
12/12/93	23:02:00	50.35	
12/12/93	23:32:00	50.35	
12/13/93	00:02:00	50.35	
12/13/93	00:32:00	50.35	
12/13/93	01:02:00	50.36	
12/13/93	01:32:00	50.36	
12/13/93	02:02:00	50.37	
12/13/93	02:32:00	50.38	
12/13/93	03:02:00	50.40	
12/13/93	03:32:00	50.41	
12/13/93	04:02:00	50.42	
12/13/93	04:32:00	50.43	
12/13/93	05:02:00	50.43	
12/13/93	05:32:00	50.44	
12/13/93	06:02:00	50.44	
12/13/93	06:32:00	50.44	
12/13/93	07:02:00	50.44	
12/13/93	07:32:00	50.44	
12/13/93	08:02:00	50.45	
12/13/93	08:32:00	50.37	
12/13/93	09:02:00	50.41	
12/13/93	09:32:00	50.30	
12/13/93	10:02:00	50.34	
12/13/93	10:32:00	50.32	
12/13/93	11:02:00	50.32	
12/13/93	11:32:00	50.35	

Hermit Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/13/93	12:02:00	50.31	
12/13/93	12:32:00	50.38	
12/13/93	13:02:00	50.35	
12/13/93	13:32:00	50.34	
12/13/93	14:02:00	50.34	
12/13/93	14:32:00	50.33	
12/13/93	15:02:00	50.38	
12/13/93	15:32:00	50.38	
12/13/93	16:02:00	50.43	
12/13/93	16:32:00	50.32	
12/13/93	17:02:00	50.32	
12/13/93	17:32:00	50.40	
12/13/93	18:02:00	50.36	
12/13/93	18:32:00	50.43	
12/13/93	19:02:00	50.38	
12/13/93	19:32:00	50.41	
12/13/93	20:02:00	50.35	
12/13/93	20:32:00	50.36	
12/13/93	21:02:00	50.33	
12/13/93	21:32:00	50.31	
12/13/93	22:02:00	50.32	
12/13/93	22:32:00	50.29	
12/13/93	23:02:00	50.30	
12/13/93	23:32:00	50.29	
12/14/93	00:02:00	50.31	
12/14/93	00:32:00	50.24	
12/14/93	01:02:00	50.28	
12/14/93	01:32:00	50.23	
12/14/93	02:02:00	50.31	
12/14/93	02:32:00	50.28	
12/14/93	03:02:00	50.31	
12/14/93	03:32:00	50.32	
12/14/93	04:02:00	50.31	
12/14/93	04:32:00	50.37	
12/14/93	05:02:00	50.36	
12/14/93	05:32:00	50.34	
12/14/93	06:02:00	50.26	
12/14/93	06:32:00	50.32	
12/14/93	07:02:00	50.29	
12/14/93	07:32:00	50.38	
12/14/93	08:02:00	50.32	
12/14/93	08:10:00	50.35	
12/14/93	08:20:00	50.39	
12/14/93	08:30:00	50.38	
12/14/93	08:40:00	50.36	
12/14/93	08:50:00	50.35	
12/14/93	09:00:00	50.40	
12/14/93	09:10:00	50.43	
12/14/93	09:20:00	50.44	
12/14/93	09:30:00	50.42	
12/14/93	09:40:00	50.41	
12/14/93	09:50:00	50.45	
12/14/93	10:00:00	50.48	
12/14/93	10:10:00	50.48	

Hermit Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-1

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/14/93	10:20:00	50.49	
12/14/93	10:30:00	50.45	
12/14/93	10:40:00	50.48	
12/14/93	10:50:00	50.46	
12/14/93	11:00:00	50.47	
12/14/93	11:10:00	50.46	
12/14/93	11:20:00	50.45	
12/14/93	11:30:00	50.44	
12/14/93	11:40:00	50.43	
12/14/93	11:50:00	50.44	
12/14/93	12:00:00	50.49	
12/14/93	12:10:00	50.53	
12/14/93	12:20:00	50.48	
12/14/93	12:30:00	50.46	
12/14/93	12:40:00	50.49	
12/14/93	12:49:00	50.51	
12/14/93	12:51:00	50.51	
12/14/93	12:53:00	50.53	
12/14/93	12:55:00	50.52	
12/14/93	12:57:00	50.54	
12/14/93	12:59:00	50.51	
12/14/93	13:01:00	50.53	
12/14/93	13:03:00	50.49	
12/14/93	13:05:00	50.50	
12/14/93	13:07:00	50.50	
12/14/93	13:09:00	50.48	
12/14/93	13:11:00	50.47	
12/14/93	13:13:00	50.49	
12/14/93	13:15:00	50.45	Begin Pumping
12/14/93	13:17:00	50.52	at ICW-2
12/14/93	13:19:00	50.47	
12/14/93	13:21:00	50.52	
12/14/93	13:23:00	50.50	
12/14/93	13:25:00	50.52	
12/14/93	13:27:00	50.52	
12/14/93	13:29:00	50.51	
12/14/93	13:31:00	50.53	
12/14/93	13:33:00	50.55	
12/14/93	13:35:00	50.53	
12/14/93	13:37:00	50.54	
12/14/93	13:39:00	50.57	
12/14/93	13:41:00	50.57	
12/14/93	13:43:00	50.56	
12/14/93	13:45:00	50.56	
12/14/93	13:47:00	50.56	
12/14/93	13:49:00	50.55	
12/14/93	13:51:00	50.55	
12/14/93	13:53:00	50.53	
12/14/93	13:55:00	50.54	
12/14/93	13:57:00	50.52	
12/14/93	13:59:00	50.52	
12/14/93	14:01:00	50.51	
12/14/93	14:03:00	50.52	
12/14/93	14:05:00	50.53	

Hermit Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/14/93	14:07:00	50.53	
12/14/93	14:09:00	50.53	
12/14/93	14:11:00	50.54	
12/14/93	14:13:00	50.55	
12/14/93	14:15:00	50.56	
12/14/93	14:17:00	50.55	
12/14/93	14:19:00	50.57	
12/14/93	14:30:00	50.59	
12/14/93	14:40:00	50.58	
12/14/93	14:50:00	50.55	
12/14/93	15:00:00	50.52	
12/14/93	15:10:00	50.54	
12/14/93	15:20:00	50.58	
12/14/93	15:30:00	50.58	
12/14/93	15:40:00	50.57	
12/14/93	15:50:00	50.55	
12/14/93	16:00:00	50.57	
12/14/93	16:10:00	50.59	
12/14/93	16:20:00	50.58	
12/14/93	16:30:00	50.55	
12/14/93	16:40:00	50.50	
12/14/93	16:50:00	50.49	
12/14/93	17:00:00	50.47	
12/14/93	17:10:00	50.48	
12/14/93	17:20:00	50.50	
12/14/93	17:30:00	50.52	
12/14/93	17:40:00	50.53	
12/14/93	17:50:00	50.51	
12/14/93	18:00:00	50.51	
12/14/93	18:10:00	50.54	
12/14/93	18:20:00	50.55	
12/14/93	18:30:00	50.56	
12/14/93	18:40:00	50.56	
12/14/93	18:50:00	50.53	
12/14/93	19:00:00	50.52	
12/14/93	19:10:00	50.54	
12/14/93	19:20:00	50.56	
12/14/93	19:30:00	50.59	
12/14/93	19:40:00	50.59	
12/14/93	19:50:00	50.54	
12/14/93	20:00:00	50.52	
12/14/93	20:10:00	50.54	
12/14/93	20:20:00	50.55	
12/14/93	20:30:00	50.57	
12/14/93	20:40:00	50.59	
12/14/93	20:50:00	50.58	
12/14/93	21:00:00	50.53	
12/14/93	21:10:00	50.52	
12/14/93	21:20:00	50.53	
12/14/93	21:30:00	50.55	
12/14/93	21:40:00	50.55	
12/14/93	21:50:00	50.50	
12/14/93	22:00:00	50.46	
12/14/93	22:10:00	50.47	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/14/93	22:20:00	50.50	
12/14/93	22:30:00	50.48	
12/14/93	22:40:00	50.44	
12/14/93	22:50:00	50.41	
12/14/93	23:00:00	50.38	
12/14/93	23:10:00	50.37	
12/14/93	23:20:00	50.40	
12/14/93	23:30:00	50.42	
12/14/93	23:40:00	50.42	
12/14/93	23:50:00	50.40	
12/15/93	00:00:00	50.37	
12/15/93	00:10:00	50.40	
12/15/93	00:20:00	50.42	
12/15/93	00:30:00	50.42	
12/15/93	00:40:00	50.38	
12/15/93	00:50:00	50.37	
12/15/93	01:00:00	50.39	
12/15/93	01:10:00	50.42	
12/15/93	01:20:00	50.43	
12/15/93	01:30:00	50.40	
12/15/93	01:40:00	50.37	
12/15/93	01:50:00	50.39	
12/15/93	02:00:00	50.42	
12/15/93	02:10:00	50.44	
12/15/93	02:20:00	50.46	
12/15/93	02:30:00	50.42	
12/15/93	02:40:00	50.41	
12/15/93	02:50:00	50.42	
12/15/93	03:00:00	50.46	
12/15/93	03:10:00	50.47	
12/15/93	03:20:00	50.49	
12/15/93	03:30:00	50.48	
12/15/93	03:40:00	50.45	
12/15/93	03:50:00	50.43	
12/15/93	04:00:00	50.45	
12/15/93	04:10:00	50.48	
12/15/93	04:20:00	50.49	
12/15/93	04:30:00	50.51	
12/15/93	04:40:00	50.46	
12/15/93	04:50:00	50.44	
12/15/93	05:00:00	50.46	
12/15/93	05:10:00	50.49	
12/15/93	05:20:00	50.50	
12/15/93	05:30:00	50.46	
12/15/93	05:40:00	50.42	
12/15/93	05:50:00	50.39	
12/15/93	06:00:00	50.36	
12/15/93	06:10:00	50.34	
12/15/93	06:20:00	50.36	
12/15/93	06:30:00	50.40	
12/15/93	06:40:00	50.38	
12/15/93	06:50:00	50.35	
12/15/93	07:00:00	50.33	
12/15/93	07:10:00	50.36	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/15/93	07:20:00	50.39	
12/15/93	07:30:00	50.42	
12/15/93	07:40:00	50.41	
12/15/93	07:50:00	50.38	
12/15/93	08:00:00	50.37	
12/15/93	08:10:00	50.39	
12/15/93	08:20:00	50.42	
12/15/93	08:30:00	50.44	
12/15/93	08:40:00	50.40	
12/15/93	08:50:00	50.36	
12/15/93	09:00:00	50.36	
12/15/93	09:10:00	50.37	
12/15/93	09:20:00	50.40	
12/15/93	09:30:00	50.42	
12/15/93	09:40:00	50.41	
12/15/93	09:50:00	50.36	
12/15/93	10:00:00	50.39	
12/15/93	10:10:00	50.39	
12/15/93	10:20:00	50.42	
12/15/93	10:30:00	50.42	
12/15/93	10:40:00	50.39	
12/15/93	10:50:00	50.38	
12/15/93	11:00:00	50.37	
12/15/93	11:10:00	50.42	
12/15/93	11:20:00	50.41	
12/15/93	11:30:00	50.38	
12/15/93	11:40:00	50.35	
12/15/93	11:50:00	50.40	
12/15/93	12:00:00	50.41	
12/15/93	12:10:00	50.43	
12/15/93	12:20:00	50.42	
12/15/93	12:30:00	50.40	
12/15/93	12:40:00	50.36	
12/15/93	12:50:00	50.33	
12/15/93	13:00:00	50.32	
12/15/93	13:10:00	50.38	
12/15/93	13:20:00	50.35	
12/15/93	13:30:00	50.41	
12/15/93	13:40:00	50.38	
12/15/93	13:50:00	50.34	
12/15/93	14:00:00	50.34	
12/15/93	14:10:00	50.38	
12/15/93	14:20:00	50.42	
12/15/93	14:30:00	50.39	
12/15/93	14:40:00	50.35	
12/15/93	14:50:00	50.33	
12/15/93	15:00:00	50.34	
12/15/93	15:10:00	50.37	
12/15/93	15:20:00	50.36	
12/15/93	15:30:00	50.34	
12/15/93	15:40:00	50.35	
12/15/93	15:50:00	50.37	
12/15/93	16:00:00	50.42	
12/15/93	16:10:00	50.42	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/15/93	16:20:00	50.41	
12/15/93	16:30:00	50.37	
12/15/93	16:40:00	50.34	
12/15/93	16:50:00	50.30	
12/15/93	17:00:00	50.28	
12/15/93	17:10:00	50.26	
12/15/93	17:20:00	50.29	
12/15/93	17:30:00	50.32	
12/15/93	17:40:00	50.31	
12/15/93	17:50:00	50.28	
12/15/93	18:00:00	50.25	
12/15/93	18:10:00	50.27	
12/15/93	18:20:00	50.32	
12/15/93	18:30:00	50.33	
12/15/93	18:40:00	50.34	
12/15/93	18:50:00	50.30	
12/15/93	19:00:00	50.29	
12/15/93	19:10:00	50.31	
12/15/93	19:20:00	50.33	
12/15/93	19:30:00	50.34	
12/15/93	19:40:00	50.33	
12/15/93	19:50:00	50.29	
12/15/93	20:00:00	50.27	
12/15/93	20:10:00	50.29	
12/15/93	20:20:00	50.32	
12/15/93	20:30:00	50.33	
12/15/93	20:40:00	50.34	
12/15/93	20:50:00	50.32	
12/15/93	21:00:00	50.27	
12/15/93	21:10:00	50.28	
12/15/93	21:20:00	50.30	
12/15/93	21:30:00	50.31	
12/15/93	21:40:00	50.33	
12/15/93	21:50:00	50.31	
12/15/93	22:00:00	50.27	
12/15/93	22:10:00	50.25	
12/15/93	22:20:00	50.27	
12/15/93	22:30:00	50.27	
12/15/93	22:40:00	50.30	
12/15/93	22:50:00	50.25	
12/15/93	23:00:00	50.22	
12/15/93	23:10:00	50.24	
12/15/93	23:20:00	50.25	
12/15/93	23:30:00	50.27	
12/15/93	23:40:00	50.29	
12/15/93	23:50:00	50.29	
12/16/93	00:00:00	50.24	
12/16/93	00:10:00	50.22	
12/16/93	00:20:00	50.23	
12/16/93	00:30:00	50.25	
12/16/93	00:40:00	50.26	
12/16/93	00:50:00	50.27	
12/16/93	01:00:00	50.26	
12/16/93	01:10:00	50.22	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	01:20:00	50.21	
12/16/93	01:30:00	50.22	
12/16/93	01:40:00	50.25	
12/16/93	01:50:00	50.26	
12/16/93	02:00:00	50.25	
12/16/93	02:10:00	50.21	
12/16/93	02:20:00	50.20	
12/16/93	02:30:00	50.21	
12/16/93	02:40:00	50.22	
12/16/93	02:50:00	50.24	
12/16/93	03:00:00	50.22	
12/16/93	03:10:00	50.20	
12/16/93	03:20:00	50.15	
12/16/93	03:30:00	50.14	
12/16/93	03:40:00	50.16	
12/16/93	03:50:00	50.14	
12/16/93	04:00:00	50.11	
12/16/93	04:10:00	50.08	
12/16/93	04:20:00	50.10	
12/16/93	04:30:00	50.12	
12/16/93	04:40:00	50.13	
12/16/93	04:50:00	50.10	
12/16/93	05:00:00	50.08	
12/16/93	05:10:00	50.10	
12/16/93	05:20:00	50.13	
12/16/93	05:30:00	50.15	
12/16/93	05:40:00	50.15	
12/16/93	05:50:00	50.11	
12/16/93	06:00:00	50.09	
12/16/93	06:10:00	50.11	
12/16/93	06:20:00	50.12	
12/16/93	06:30:00	50.15	
12/16/93	06:40:00	50.10	
12/16/93	06:50:00	50.07	
12/16/93	07:00:00	50.03	
12/16/93	07:10:00	50.03	
12/16/93	07:20:00	50.05	
12/16/93	07:30:00	50.05	
12/16/93	07:40:00	50.01	
12/16/93	07:50:00	49.98	
12/16/93	08:00:00	50.01	
12/16/93	08:10:00	50.02	
12/16/93	08:20:00	50.04	
12/16/93	08:30:00	50.02	
12/16/93	08:40:00	50.01	
12/16/93	08:50:00	50.03	
12/16/93	09:00:00	50.07	
12/16/93	09:02:00	50.07	
12/16/93	09:04:00	50.08	
12/16/93	09:06:00	50.10	
12/16/93	09:08:00	50.09	
12/16/93	09:10:00	50.10	
12/16/93	09:12:00	50.11	
12/16/93	09:14:00	50.11	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/16/93	09:16:00	50.11	End Pumping
12/16/93	09:18:00	50.13	
12/16/93	09:20:00	50.12	
12/16/93	09:22:00	50.11	
12/16/93	09:24:00	50.11	
12/16/93	09:26:00	50.10	
12/16/93	09:28:00	50.09	
12/16/93	09:30:00	50.09	
12/16/93	09:32:00	50.08	
12/16/93	09:34:00	50.08	
12/16/93	09:36:00	50.07	
12/16/93	09:38:00	50.08	
12/16/93	09:40:00	50.08	
12/16/93	09:42:00	50.08	
12/16/93	09:44:00	50.09	
12/16/93	09:46:00	50.11	
12/16/93	09:48:00	50.10	
12/16/93	09:50:00	50.11	
12/16/93	09:52:00	50.12	
12/16/93	09:54:00	50.11	
12/16/93	09:56:00	50.13	
12/16/93	09:58:00	50.14	
12/16/93	10:00:00	50.14	
12/16/93	10:02:00	50.14	
12/16/93	10:04:00	50.14	
12/16/93	10:06:00	50.15	
12/16/93	10:08:00	50.16	
12/16/93	10:10:00	50.16	
12/16/93	10:12:00	50.18	
12/16/93	10:14:00	50.18	
12/16/93	10:16:00	50.18	
12/16/93	10:18:00	50.16	
12/16/93	10:20:00	50.17	
12/16/93	10:22:00	50.16	
12/16/93	10:24:00	50.15	
12/16/93	10:26:00	50.14	
12/16/93	10:28:00	50.14	
12/16/93	10:30:00	50.13	
12/16/93	10:32:00	50.13	
12/16/93	10:34:00	50.13	
12/16/93	10:36:00	50.11	
12/16/93	10:38:00	50.13	
12/16/93	10:40:00	50.12	
12/16/93	10:42:00	50.12	
12/16/93	10:44:00	50.14	
12/16/93	10:46:00	50.16	
12/16/93	10:48:00	50.15	
12/16/93	10:50:00	50.15	
12/16/93	10:52:00	50.16	
12/16/93	10:54:00	50.18	
12/16/93	10:56:00	50.16	
12/16/93	10:58:00	50.17	
12/16/93	11:00:00	50.18	
12/16/93	11:02:00	50.18	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	11:04:00	50.19	
12/16/93	11:06:00	50.19	
12/16/93	11:08:00	50.21	
12/16/93	11:10:00	50.19	
12/16/93	11:12:00	50.18	
12/16/93	11:14:00	50.19	
12/16/93	11:16:00	50.19	
12/16/93	11:18:00	50.17	
12/16/93	11:20:00	50.16	
12/16/93	11:22:00	50.16	
12/16/93	11:24:00	50.15	
12/16/93	11:26:00	50.13	
12/16/93	11:28:00	50.15	
12/16/93	11:30:00	50.13	
12/16/93	11:32:00	50.14	
12/16/93	11:34:00	50.14	
12/16/93	11:36:00	50.13	
12/16/93	11:38:00	50.15	
12/16/93	11:40:00	50.16	
12/16/93	11:42:00	50.16	
12/16/93	11:44:00	50.15	
12/16/93	11:50:00	50.18	
12/16/93	12:00:00	50.20	
12/16/93	12:10:00	50.18	
12/16/93	12:20:00	50.16	
12/16/93	12:30:00	50.18	
12/16/93	12:40:00	50.20	
12/16/93	12:50:00	50.22	
12/16/93	13:00:00	50.24	
12/16/93	13:10:00	50.24	
12/16/93	13:20:00	50.22	
12/16/93	13:30:00	50.21	
12/16/93	13:40:00	50.24	
12/16/93	13:50:00	50.26	
12/16/93	14:00:00	50.28	
12/16/93	14:10:00	50.25	
12/16/93	14:20:00	50.24	
12/16/93	14:30:00	50.22	
12/16/93	14:40:00	50.25	
12/16/93	14:50:00	50.27	
12/16/93	15:00:00	50.26	
12/16/93	15:10:00	50.22	
12/16/93	15:20:00	50.22	
12/16/93	15:30:00	50.24	
12/16/93	15:40:00	50.27	
12/16/93	15:50:00	50.29	
12/16/93	16:00:00	50.26	
12/16/93	16:10:00	50.22	
12/16/93	16:20:00	50.18	
12/16/93	16:30:00	50.19	
12/16/93	16:40:00	50.21	
12/16/93	16:50:00	50.18	
12/16/93	17:00:00	50.15	
12/16/93	17:10:00	50.14	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/16/93	17:20:00	50.17	
12/16/93	17:30:00	50.20	
12/16/93	17:40:00	50.19	
12/16/93	17:50:00	50.15	
12/16/93	18:00:00	50.13	
12/16/93	18:10:00	50.15	
12/16/93	18:20:00	50.17	
12/16/93	18:30:00	50.18	
12/16/93	18:40:00	50.21	
12/16/93	18:50:00	50.16	
12/16/93	19:00:00	50.13	
12/16/93	19:10:00	50.15	
12/16/93	19:20:00	50.17	
12/16/93	19:30:00	50.18	
12/16/93	19:40:00	50.18	
12/16/93	19:50:00	50.14	
12/16/93	20:00:00	50.10	
12/16/93	20:10:00	50.06	
12/16/93	20:20:00	50.02	
12/16/93	20:30:00	50.00	
12/16/93	20:40:00	50.01	
12/16/93	20:50:00	50.04	
12/16/93	21:00:00	50.06	
12/16/93	21:10:00	50.07	
12/16/93	21:20:00	50.04	
12/16/93	21:30:00	50.01	
12/16/93	21:40:00	50.04	
12/16/93	21:50:00	50.07	
12/16/93	22:00:00	50.09	
12/16/93	22:10:00	50.08	
12/16/93	22:20:00	50.03	
12/16/93	22:30:00	50.02	
12/16/93	22:40:00	50.03	
12/16/93	22:50:00	50.05	
12/16/93	23:00:00	50.07	
12/16/93	23:10:00	50.05	
12/16/93	23:20:00	50.01	
12/16/93	23:30:00	50.02	
12/16/93	23:40:00	50.05	
12/16/93	23:50:00	50.06	
12/17/93	00:00:00	50.04	
12/17/93	00:10:00	50.01	
12/17/93	00:20:00	50.01	
12/17/93	00:30:00	50.03	
12/17/93	00:40:00	50.05	
12/17/93	00:50:00	50.07	
12/17/93	01:00:00	50.04	
12/17/93	01:10:00	50.00	
12/17/93	01:20:00	50.02	
12/17/93	01:30:00	50.04	
12/17/93	01:40:00	50.06	
12/17/93	01:50:00	50.04	
12/17/93	02:00:00	50.01	
12/17/93	02:10:00	50.01	

Hermit Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/17/93	02:20:00	50.02	
12/17/93	02:30:00	50.04	
12/17/93	02:40:00	50.06	
12/17/93	02:50:00	50.04	
12/17/93	03:00:00	50.00	
12/17/93	03:10:00	50.01	
12/17/93	03:20:00	50.02	
12/17/93	03:30:00	50.04	
12/17/93	03:40:00	50.06	
12/17/93	03:50:00	50.03	
12/17/93	04:00:00	50.00	
12/17/93	04:10:00	50.00	
12/17/93	04:20:00	50.02	
12/17/93	04:30:00	50.04	
12/17/93	04:40:00	50.03	
12/17/93	04:50:00	50.00	
12/17/93	05:00:00	49.97	
12/17/93	05:10:00	49.99	
12/17/93	05:20:00	50.01	
12/17/93	05:30:00	50.01	
12/17/93	05:40:00	49.97	
12/17/93	05:50:00	49.94	
12/17/93	06:00:00	49.92	
12/17/93	06:10:00	49.94	
12/17/93	06:20:00	49.98	
12/17/93	06:30:00	49.95	
12/17/93	06:40:00	49.92	
12/17/93	06:50:00	49.90	
12/17/93	07:00:00	49.87	
12/17/93	07:10:00	49.83	
12/17/93	07:20:00	49.83	
12/17/93	07:30:00	49.82	
12/17/93	07:40:00	49.85	
12/17/93	07:50:00	49.88	
12/17/93	08:00:00	49.85	
12/17/93	08:10:00	49.84	
12/17/93	08:20:00	49.82	
12/17/93	08:30:00	49.82	
12/17/93	08:40:00	49.80	
12/17/93	08:50:00	49.80	
12/17/93	09:00:00	49.80	
12/17/93	09:10:00	49.83	
12/17/93	09:20:00	49.88	
12/17/93	09:30:00	49.89	
12/17/93	09:40:00	49.86	
12/17/93	09:50:00	49.86	
12/17/93	10:00:00	49.90	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/09/93	08:13:00	50.16	
12/10/93	08:24:00	50.26	
12/10/93	14:33:00	50.35	
12/10/93	18:12:00	50.40	
12/11/93	12:43:00	50.40	
12/11/93	13:08:00	50.44	
12/11/93	08:51:00	50.46	
12/13/93	14:10:00	50.32	
12/13/93	17:42:00	50.37	
12/13/93	07:58:00	50.35	
12/14/93	08:14:00	50.39	
12/14/93	13:50:00	50.52	Begin Pumping at ICW-2 @ 13:15
12/14/93	14:00:00	50.48	
12/14/93	14:10:00	50.51	
12/14/93	14:20:00	50.54	
12/14/93	14:30:00	50.56	
12/14/93	14:40:00	50.56	
12/14/93	14:50:00	50.52	
12/14/93	15:01:00	50.50	
12/14/93	15:14:00	50.53	
12/14/93	15:29:00	50.57	
12/14/93	15:52:00	50.52	
12/14/93	16:02:00	50.55	
12/14/93	16:09:00	50.56	
12/14/93	16:20:00	50.55	
12/14/93	16:30:00	50.52	
12/14/93	16:40:00	50.48	
12/14/93	17:28:00	50.50	
12/14/93	19:06:00	50.52	
12/14/93	21:40:00	50.55	
12/15/93	00:30:00	50.42	
12/15/93	02:02:00	50.42	
12/15/93	03:57:00	50.44	
12/15/93	05:59:00	50.38	
12/15/93	07:59:00	50.37	
12/15/93	11:45:00	50.38	
12/15/93	17:39:00	50.31	
12/15/93	19:53:00	50.30	
12/15/93	21:53:00	50.34	
12/15/93	23:47:00	50.34	
12/16/93	01:09:00	50.28	
12/16/93	03:39:00	50.22	
12/16/93	06:05:00	50.19	
12/16/93	07:40:00	50.13	
12/16/93	10:00:00	50.20	
12/16/93	09:55:00	50.19	End Pumping at ICW-2 @ 09:15
12/16/93	10:05:00	50.21	
12/16/93	10:10:00	50.22	
12/16/93	10:15:00	50.23	
12/16/93	10:25:00	50.19	
12/16/93	10:35:00	50.17	
12/16/93	10:45:00	50.18	
12/16/93	10:55:00	50.22	
12/16/93	11:05:00	50.24	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-1

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	11:15:00	50.22	
12/16/93	11:30:00	50.18	
12/16/93	11:45:00	50.21	
12/16/93	12:00:00	50.24	
12/16/93	12:15:00	50.22	
12/16/93	12:30:00	50.21	
12/16/93	12:45:00	50.23	
12/16/93	13:00:00	50.27	
12/16/93	13:15:00	50.22	
12/16/93	14:52:00	50.28	
12/16/93	17:48:00	50.17	
12/17/93	10:00:00	50.20	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW--2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/09/93	20:15:00	50.80	
12/09/93	20:30:00	50.83	
12/09/93	20:45:00	50.83	
12/09/93	21:00:00	50.80	
12/09/93	21:15:00	50.80	
12/09/93	21:30:00	50.80	
12/09/93	21:45:00	50.80	
12/09/93	22:00:00	50.80	
12/09/93	22:15:00	50.77	
12/09/93	22:30:00	50.77	
12/09/93	22:45:00	50.77	
12/09/93	23:00:00	50.77	
12/09/93	23:15:00	50.77	
12/09/93	23:30:00	50.77	
12/09/93	23:45:00	50.77	
12/10/93	00:00:00	50.77	
12/10/93	00:15:00	50.77	
12/10/93	00:30:00	50.77	
12/10/93	00:45:00	50.77	
12/10/93	01:00:00	50.77	
12/10/93	01:15:00	50.77	
12/10/93	01:30:00	50.77	
12/10/93	01:45:00	50.77	
12/10/93	02:00:00	50.77	
12/10/93	02:15:00	50.77	
12/10/93	02:30:00	50.77	
12/10/93	02:45:00	50.77	
12/10/93	03:00:00	50.77	
12/10/93	03:15:00	50.77	
12/10/93	03:30:00	50.77	
12/10/93	03:45:00	50.77	
12/10/93	04:00:00	50.77	
12/10/93	04:15:00	50.77	
12/10/93	04:30:00	50.77	
12/10/93	04:45:00	50.77	
12/10/93	05:00:00	50.77	
12/10/93	05:15:00	50.74	
12/10/93	05:30:00	50.74	
12/10/93	05:45:00	50.74	
12/10/93	06:00:00	50.74	
12/10/93	06:15:00	50.74	
12/10/93	06:30:00	50.74	
12/10/93	06:45:00	50.71	
12/10/93	07:00:00	50.71	
12/10/93	07:15:00	50.71	
12/10/93	07:30:00	50.67	
12/10/93	07:45:00	50.67	
12/10/93	08:00:00	50.64	
12/10/93	08:15:00	50.64	
12/10/93	08:30:00	50.61	
12/10/93	08:45:00	50.64	
12/10/93	09:00:00	50.54	
12/10/93	14:00:00	50.56	
12/10/93	14:15:00	50.61	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water -Level Elevation Measured (feet)	Comments
12/10/93	14:30:00	50.58	
12/10/93	14:45:00	50.60	
12/10/93	15:00:00	50.61	
12/10/93	15:15:00	50.59	
12/10/93	15:30:00	50.59	
12/10/93	15:45:00	50.60	
12/10/93	16:00:00	50.59	
12/10/93	16:15:00	50.60	
12/10/93	16:30:00	50.61	
12/10/93	16:45:00	50.60	
12/10/93	17:00:00	50.60	
12/10/93	17:15:00	50.61	
12/10/93	17:30:00	50.61	
12/10/93	17:45:00	50.61	
12/10/93	18:00:00	50.58	
12/10/93	18:15:00	50.55	
12/10/93	18:30:00	50.56	
12/10/93	18:45:00	50.56	
12/10/93	19:00:00	50.57	
12/10/93	19:15:00	50.58	
12/10/93	19:30:00	50.58	
12/10/93	19:45:00	50.58	
12/10/93	20:00:00	50.58	
12/10/93	20:15:00	50.59	
12/10/93	20:30:00	50.58	
12/10/93	20:45:00	50.59	
12/10/93	21:00:00	50.60	
12/10/93	21:15:00	50.59	
12/10/93	21:30:00	50.60	
12/10/93	21:45:00	50.61	
12/10/93	22:00:00	50.61	
12/10/93	22:15:00	50.61	
12/10/93	22:30:00	50.62	
12/10/93	22:45:00	50.63	
12/10/93	23:00:00	50.63	
12/10/93	23:15:00	50.64	
12/10/93	23:30:00	50.63	
12/10/93	23:45:00	50.63	
12/11/93	00:00:00	50.62	
12/11/93	00:15:00	50.61	
12/11/93	00:30:00	50.61	
12/11/93	00:45:00	50.61	
12/11/93	01:00:00	50.61	
12/11/93	01:15:00	50.59	
12/11/93	01:30:00	50.59	
12/11/93	01:45:00	50.58	
12/11/93	02:00:00	50.58	
12/11/93	02:15:00	50.57	
12/11/93	02:30:00	50.55	
12/11/93	02:45:00	50.55	
12/11/93	03:00:00	50.53	
12/11/93	03:15:00	50.53	
12/11/93	03:30:00	50.51	
12/11/93	03:45:00	50.52	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/11/93	04:00:00	50.51	
12/11/93	04:15:00	50.51	
12/11/93	04:30:00	50.51	
12/11/93	04:45:00	50.50	
12/11/93	05:00:00	50.51	
12/11/93	05:15:00	50.52	
12/11/93	05:30:00	50.52	
12/11/93	05:45:00	50.52	
12/11/93	06:00:00	50.53	
12/11/93	06:15:00	50.53	
12/11/93	06:30:00	50.54	
12/11/93	06:45:00	50.55	
12/11/93	07:00:00	50.56	
12/11/93	07:15:00	50.57	
12/11/93	07:30:00	50.57	
12/11/93	07:45:00	50.57	
12/11/93	08:00:00	50.58	
12/11/93	08:15:00	50.58	
12/11/93	08:30:00	50.59	
12/11/93	08:45:00	50.60	
12/11/93	09:00:00	50.59	
12/11/93	09:15:00	50.59	
12/11/93	09:30:00	50.61	
12/11/93	09:45:00	50.61	
12/11/93	10:00:00	50.61	
12/11/93	10:15:00	50.61	
12/11/93	10:30:00	50.61	
12/11/93	10:45:00	50.62	
12/11/93	11:00:00	50.63	
12/11/93	11:15:00	50.61	
12/11/93	11:30:00	50.59	
12/11/93	11:45:00	50.63	
12/11/93	12:00:00	50.63	
12/11/93	12:15:00	50.62	
12/11/93	12:30:00	50.52	
12/11/93	12:45:00	50.50	
12/11/93	13:00:00	50.51	
12/11/93	13:15:00	50.50	
12/11/93	13:30:00	50.50	
12/11/93	13:45:00	50.50	
12/11/93	14:00:00	50.50	
12/11/93	14:15:00	50.50	
12/11/93	14:30:00	50.49	
12/11/93	14:45:00	50.49	
12/11/93	15:00:00	50.49	
12/11/93	15:15:00	50.49	
12/11/93	15:30:00	50.48	
12/11/93	15:45:00	50.49	
12/11/93	16:00:00	50.50	
12/11/93	16:15:00	50.50	
12/11/93	16:30:00	50.49	
12/11/93	16:45:00	50.50	
12/11/93	17:00:00	50.50	
12/11/93	17:15:00	50.50	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/11/93	17:30:00	50.50	
12/11/93	17:45:00	50.50	
12/11/93	18:00:00	50.51	
12/11/93	18:15:00	50.51	
12/11/93	18:30:00	50.53	
12/11/93	18:45:00	50.55	
12/11/93	19:00:00	50.55	
12/11/93	19:15:00	50.56	
12/11/93	19:30:00	50.56	
12/11/93	19:45:00	50.56	
12/11/93	20:00:00	50.56	
12/11/93	20:15:00	50.58	
12/11/93	20:30:00	50.58	
12/11/93	20:45:00	50.59	
12/11/93	21:00:00	50.59	
12/11/93	21:15:00	50.60	
12/11/93	21:30:00	50.61	
12/11/93	21:45:00	50.61	
12/11/93	22:00:00	50.62	
12/11/93	22:15:00	50.63	
12/11/93	22:30:00	50.63	
12/11/93	22:45:00	50.63	
12/11/93	23:00:00	50.63	
12/11/93	23:15:00	50.65	
12/11/93	23:30:00	50.65	
12/11/93	23:45:00	50.65	
12/12/93	00:00:00	50.65	
12/12/93	00:15:00	50.66	
12/12/93	00:30:00	50.66	
12/12/93	00:45:00	50.66	
12/12/93	01:00:00	50.66	
12/12/93	01:15:00	50.65	
12/12/93	01:30:00	50.64	
12/12/93	01:45:00	50.63	
12/12/93	02:00:00	50.63	
12/12/93	02:15:00	50.61	
12/12/93	02:30:00	50.60	
12/12/93	02:45:00	50.60	
12/12/93	03:00:00	50.60	
12/12/93	03:15:00	50.59	
12/12/93	03:30:00	50.58	
12/12/93	03:45:00	50.58	
12/12/93	04:00:00	50.58	
12/12/93	04:15:00	50.56	
12/12/93	04:30:00	50.56	
12/12/93	04:45:00	50.55	
12/12/93	05:00:00	50.55	
12/12/93	05:15:00	50.55	
12/12/93	05:30:00	50.55	
12/12/93	05:45:00	50.55	
12/12/93	06:00:00	50.55	
12/12/93	06:15:00	50.55	
12/12/93	06:30:00	50.55	
12/12/93	06:45:00	50.55	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/12/93	07:00:00	50.56	
12/12/93	07:15:00	50.57	
12/12/93	07:30:00	50.58	
12/12/93	07:45:00	50.58	
12/12/93	08:00:00	50.59	
12/12/93	08:15:00	50.60	
12/12/93	08:30:00	50.61	
12/12/93	08:45:00	50.62	
12/12/93	09:00:00	50.63	
12/12/93	09:15:00	50.63	
12/12/93	09:30:00	50.65	
12/12/93	09:45:00	50.66	
12/12/93	10:00:00	50.67	
12/12/93	10:15:00	50.68	
12/12/93	10:30:00	50.67	
12/12/93	10:45:00	50.66	
12/12/93	11:00:00	50.65	
12/12/93	11:15:00	50.67	
12/12/93	11:30:00	50.66	
12/12/93	11:45:00	50.65	
12/12/93	12:00:00	50.66	
12/12/93	12:15:00	50.66	
12/12/93	12:30:00	50.67	
12/12/93	12:45:00	50.67	
12/12/93	13:00:00	50.67	
12/12/93	13:15:00	50.66	
12/12/93	13:30:00	50.65	
12/12/93	13:45:00	50.66	
12/12/93	14:00:00	50.65	
12/12/93	14:15:00	50.66	
12/12/93	14:30:00	50.64	
12/12/93	14:45:00	50.66	
12/12/93	15:00:00	50.65	
12/12/93	15:15:00	50.65	
12/12/93	15:30:00	50.63	
12/12/93	15:45:00	50.63	
12/12/93	16:00:00	50.62	
12/12/93	16:15:00	50.63	
12/12/93	16:30:00	50.61	
12/12/93	16:45:00	50.61	
12/12/93	17:00:00	50.60	
12/12/93	17:15:00	50.61	
12/12/93	17:30:00	50.61	
12/12/93	17:45:00	50.61	
12/12/93	18:00:00	50.61	
12/12/93	18:15:00	50.61	
12/12/93	18:30:00	50.62	
12/12/93	18:45:00	50.62	
12/12/93	19:00:00	50.62	
12/12/93	19:15:00	50.63	
12/12/93	19:30:00	50.63	
12/12/93	19:45:00	50.63	
12/12/93	20:00:00	50.64	
12/12/93	20:15:00	50.65	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/12/93	20:30:00	50.65	
12/12/93	20:45:00	50.65	
12/12/93	21:00:00	50.66	
12/12/93	21:15:00	50.66	
12/12/93	21:30:00	50.67	
12/12/93	21:45:00	50.68	
12/12/93	22:00:00	50.68	
12/12/93	22:15:00	50.68	
12/12/93	22:30:00	50.68	
12/12/93	22:45:00	50.68	
12/12/93	23:00:00	50.68	
12/12/93	23:15:00	50.68	
12/12/93	23:30:00	50.68	
12/12/93	23:45:00	50.67	
12/13/93	00:00:00	50.66	
12/13/93	00:15:00	50.66	
12/13/93	00:30:00	50.66	
12/13/93	00:45:00	50.66	
12/13/93	01:00:00	50.66	
12/13/93	01:15:00	50.66	
12/13/93	01:30:00	50.65	
12/13/93	01:45:00	50.65	
12/13/93	02:00:00	50.65	
12/13/93	02:15:00	50.64	
12/13/93	02:30:00	50.63	
12/13/93	02:45:00	50.63	
12/13/93	03:00:00	50.62	
12/13/93	03:15:00	50.61	
12/13/93	03:30:00	50.61	
12/13/93	03:45:00	50.60	
12/13/93	04:00:00	50.60	
12/13/93	04:15:00	50.60	
12/13/93	04:30:00	50.59	
12/13/93	04:45:00	50.58	
12/13/93	05:00:00	50.58	
12/13/93	05:15:00	50.58	
12/13/93	05:30:00	50.58	
12/13/93	05:45:00	50.58	
12/13/93	06:00:00	50.58	
12/13/93	06:15:00	50.58	
12/13/93	06:30:00	50.58	
12/13/93	06:45:00	50.58	
12/13/93	07:00:00	50.58	
12/13/93	07:15:00	50.58	
12/13/93	07:30:00	50.58	
12/13/93	07:45:00	50.59	
12/13/93	08:00:00	50.59	
12/13/93	08:15:00	50.61	
12/13/93	08:30:00	50.63	
12/13/93	08:45:00	50.65	
12/13/93	09:00:00	-0.47	
12/13/93	09:15:00	-0.47	
12/13/93	09:30:00	-0.47	
12/13/93	09:45:00	-0.47	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/13/93	10:00:00	-0.47	
12/13/93	10:15:00	-0.47	
12/13/93	10:30:00	-0.47	
12/13/93	10:45:00	-0.47	
12/13/93	11:00:00	-0.47	
12/13/93	11:15:00	-0.47	
12/13/93	11:30:00	-0.47	
12/13/93	11:45:00	-0.47	
12/13/93	12:00:00	-0.47	
12/13/93	12:15:00	-0.47	
12/13/93	12:30:00	-0.47	
12/13/93	12:45:00	-0.47	
12/13/93	13:00:00	-0.47	
12/13/93	13:15:00	-0.47	
12/13/93	13:30:00	-0.47	
12/13/93	14:00:00	50.36	
12/13/93	14:15:00	50.38	
12/13/93	14:30:00	50.38	
12/13/93	14:45:00	50.38	
12/13/93	15:00:00	50.38	
12/13/93	15:15:00	50.40	
12/13/93	15:30:00	50.40	
12/13/93	15:45:00	50.43	
12/13/93	16:00:00	50.43	
12/13/93	16:15:00	50.43	
12/13/93	16:30:00	50.42	
12/13/93	16:45:00	50.41	
12/13/93	17:00:00	50.41	
12/13/93	17:15:00	50.39	
12/13/93	17:30:00	50.44	
12/13/93	17:45:00	50.43	
12/13/93	18:00:00	50.43	
12/13/93	18:15:00	50.44	
12/13/93	18:30:00	50.44	
12/13/93	18:45:00	50.44	
12/13/93	19:00:00	50.43	
12/13/93	19:15:00	50.43	
12/13/93	19:30:00	50.43	
12/13/93	19:45:00	50.43	
12/13/93	20:00:00	50.42	
12/13/93	20:15:00	50.41	
12/13/93	20:30:00	50.41	
12/13/93	20:45:00	50.40	
12/13/93	21:00:00	50.40	
12/13/93	21:15:00	50.41	
12/13/93	21:30:00	50.41	
12/13/93	21:45:00	50.39	
12/13/93	22:00:00	50.39	
12/13/93	22:15:00	50.39	
12/13/93	22:30:00	50.40	
12/13/93	22:45:00	50.39	
12/13/93	23:00:00	50.38	
12/13/93	23:15:00	50.38	
12/13/93	23:30:00	50.39	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/13/93	23:45:00	50.39	
12/14/93	00:00:00	50.39	
12/14/93	00:15:00	50.39	
12/14/93	00:30:00	50.39	
12/14/93	00:45:00	50.39	
12/14/93	01:00:00	50.40	
12/14/93	01:15:00	50.40	
12/14/93	01:30:00	50.40	
12/14/93	01:45:00	50.39	
12/14/93	02:00:00	50.40	
12/14/93	02:15:00	50.41	
12/14/93	02:30:00	50.41	
12/14/93	02:45:00	50.41	
12/14/93	03:00:00	50.43	
12/14/93	03:15:00	50.43	
12/14/93	03:30:00	50.43	
12/14/93	03:45:00	50.44	
12/14/93	04:00:00	50.45	
12/14/93	04:15:00	50.45	
12/14/93	04:30:00	50.46	
12/14/93	04:45:00	50.47	
12/14/93	05:00:00	50.48	
12/14/93	05:15:00	50.48	
12/14/93	05:30:00	50.49	
12/14/93	05:45:00	50.49	
12/14/93	06:00:00	50.49	
12/14/93	06:15:00	50.49	
12/14/93	06:30:00	50.50	
12/14/93	06:45:00	50.51	
12/14/93	07:00:00	50.51	
12/14/93	07:15:00	50.51	
12/14/93	07:30:00	50.51	
12/14/93	07:45:00	50.51	
12/14/93	08:00:00	50.51	
12/14/93	08:15:00	50.49	
12/14/93	08:30:00	50.41	
12/14/93	08:45:00	50.47	
12/14/93	09:00:00	50.48	
12/14/93	09:15:00	50.49	
12/14/93	09:30:00	50.48	
12/14/93	09:45:00	50.47	
12/14/93	10:00:00	50.47	
12/14/93	10:15:00	50.48	
12/14/93	10:30:00	50.47	
12/14/93	10:30:00	50.47	
12/14/93	11:10:00	50.48	
12/14/93	11:20:00	50.50	
12/14/93	11:30:00	50.48	
12/14/93	11:40:00	50.48	
12/14/93	11:50:00	50.49	
12/14/93	12:00:00	50.48	
12/14/93	12:10:00	50.50	
12/14/93	12:20:00	50.50	
12/14/93	12:30:00	50.51	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/14/93	12:40:00	50.50	
12/14/93	12:52:00	50.48	
12/14/93	12:53:00	50.48	
12/14/93	12:54:00	50.50	
12/14/93	12:55:00	50.50	
12/14/93	12:56:00	50.50	
12/14/93	12:57:00	50.51	
12/14/93	12:58:00	50.51	
12/14/93	12:59:00	50.50	
12/14/93	13:00:00	50.50	
12/14/93	13:01:00	50.50	
12/14/93	13:02:00	50.51	
12/14/93	13:03:00	50.51	
12/14/93	13:04:00	50.51	
12/14/93	13:05:00	50.51	
12/14/93	13:06:00	50.52	
12/14/93	13:07:00	50.56	
12/14/93	13:08:00	50.56	
12/14/93	13:09:00	50.55	
12/14/93	13:10:00	50.54	
12/14/93	13:11:00	50.54	
12/14/93	13:12:00	50.53	
12/14/93	13:13:00	50.53	
12/14/93	13:14:00	50.55	
12/14/93	13:15:00	50.52	
12/14/93	13:16:00	50.52	
12/14/93	13:17:00	50.52	
12/14/93	13:18:00	50.53	
12/14/93	13:19:00	50.51	
12/14/93	13:20:00	50.52	
12/14/93	13:21:00	50.51	
12/14/93	13:22:00	50.51	
12/14/93	13:23:00	50.52	
12/14/93	13:24:00	50.51	
12/14/93	13:25:00	50.51	
12/14/93	13:26:00	50.51	
12/14/93	13:27:00	50.50	
12/14/93	13:28:00	50.50	
12/14/93	13:29:00	50.51	
12/14/93	13:30:00	50.50	
12/14/93	13:31:00	50.51	
12/14/93	13:32:00	50.51	
12/14/93	13:33:00	50.50	
12/14/93	13:34:00	50.51	
12/14/93	13:35:00	50.50	
12/14/93	13:36:00	50.51	
12/14/93	13:37:00	50.51	
12/14/93	13:38:00	50.51	
12/14/93	13:39:00	50.51	
12/14/93	13:40:00	50.51	
12/14/93	13:41:00	50.51	
12/14/93	13:42:00	50.51	
12/14/93	13:43:00	50.52	
12/14/93	13:44:00	50.51	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/14/93	13:45:00	50.51	
12/14/93	13:46:00	50.51	
12/14/93	13:47:00	50.51	
12/14/93	13:48:00	50.51	
12/14/93	13:49:00	50.51	
12/14/93	13:50:00	50.47	
12/14/93	14:00:00	50.55	
12/14/93	14:10:00	50.53	
12/14/93	14:20:00	50.52	
12/14/93	14:30:00	50.53	
12/14/93	14:40:00	50.53	
12/14/93	14:50:00	50.53	
12/14/93	15:00:00	50.53	
12/14/93	15:10:00	50.53	
12/14/93	15:20:00	50.53	Begin Pumping at ICW-2 @ 15:15
12/14/93	15:30:00	50.53	
12/14/93	15:40:00	50.53	
12/14/93	15:50:00	50.54	
12/14/93	16:00:00	50.53	
12/14/93	16:10:00	50.54	
12/14/93	16:20:00	50.55	
12/14/93	16:30:00	50.54	
12/14/93	16:40:00	50.53	
12/14/93	16:50:00	50.53	
12/14/93	17:00:00	50.52	
12/14/93	17:10:00	50.52	
12/14/93	17:20:00	50.52	
12/14/93	17:30:00	50.53	
12/14/93	17:40:00	50.53	
12/14/93	17:50:00	50.49	
12/14/93	18:00:00	50.53	
12/14/93	18:10:00	50.52	
12/14/93	18:20:00	50.51	
12/14/93	18:30:00	50.51	
12/14/93	18:40:00	50.52	
12/14/93	18:50:00	50.52	
12/14/93	19:00:00	50.52	
12/14/93	19:10:00	50.51	
12/14/93	19:20:00	50.51	
12/14/93	19:30:00	50.51	
12/14/93	19:40:00	50.51	
12/14/93	19:50:00	50.51	
12/14/93	20:00:00	50.50	
12/14/93	20:10:00	50.50	
12/14/93	20:20:00	50.50	
12/14/93	20:30:00	50.50	
12/14/93	20:40:00	50.49	
12/14/93	20:50:00	50.50	
12/14/93	21:00:00	50.49	
12/14/93	21:10:00	50.49	
12/14/93	21:20:00	50.48	
12/14/93	21:30:00	50.48	
12/14/93	21:40:00	50.48	
12/14/93	21:50:00	50.47	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/14/93	22:00:00	50.49	
12/14/93	22:10:00	50.46	
12/14/93	22:20:00	50.45	
12/14/93	22:30:00	50.44	
12/14/93	22:40:00	50.44	
12/14/93	22:50:00	50.43	
12/14/93	23:00:00	50.42	
12/14/93	23:10:00	50.41	
12/14/93	23:20:00	50.41	
12/14/93	23:30:00	50.41	
12/14/93	23:40:00	50.41	
12/14/93	23:50:00	50.41	
12/15/93	00:00:00	50.40	
12/15/93	00:10:00	50.40	
12/15/93	00:20:00	50.40	
12/15/93	00:30:00	50.43	
12/15/93	00:40:00	50.41	
12/15/93	00:50:00	50.40	
12/15/93	01:00:00	50.40	
12/15/93	01:10:00	50.40	
12/15/93	01:20:00	50.40	
12/15/93	01:30:00	50.40	
12/15/93	01:40:00	50.40	
12/15/93	01:50:00	50.40	
12/15/93	02:00:00	50.38	
12/15/93	02:10:00	50.41	
12/15/93	02:20:00	50.40	
12/15/93	02:30:00	50.41	
12/15/93	02:40:00	50.41	
12/15/93	02:50:00	50.41	
12/15/93	03:00:00	50.41	
12/15/93	03:10:00	50.42	
12/15/93	03:20:00	50.42	
12/15/93	03:30:00	50.43	
12/15/93	03:40:00	50.43	
12/15/93	03:50:00	50.38	
12/15/93	04:00:00	50.45	
12/15/93	04:10:00	50.43	
12/15/93	04:20:00	50.43	
12/15/93	04:30:00	50.44	
12/15/93	04:40:00	50.44	
12/15/93	04:50:00	50.44	
12/15/93	05:00:00	50.44	
12/15/93	05:10:00	50.45	
12/15/93	05:20:00	50.45	
12/15/93	05:30:00	50.45	
12/15/93	05:40:00	50.45	
12/15/93	05:50:00	50.44	
12/15/93	06:00:00	50.46	
12/15/93	06:10:00	50.43	
12/15/93	06:20:00	50.42	
12/15/93	06:30:00	50.42	
12/15/93	06:40:00	50.42	
12/15/93	06:50:00	50.42	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/15/93	07:00:00	50.41	
12/15/93	07:10:00	50.41	
12/15/93	07:20:00	50.41	
12/15/93	07:30:00	50.41	
12/15/93	07:40:00	50.41	
12/15/93	07:50:00	50.41	
12/15/93	08:00:00	50.41	
12/15/93	08:10:00	50.41	
12/15/93	08:20:00	50.40	
12/15/93	08:30:00	50.39	
12/15/93	08:40:00	50.38	
12/15/93	08:50:00	50.38	
12/15/93	09:00:00	50.34	
12/15/93	09:10:00	50.38	
12/15/93	09:20:00	50.36	
12/15/93	09:30:00	50.35	
12/15/93	09:40:00	50.35	
12/15/93	09:50:00	50.35	
12/15/93	10:00:00	50.35	
12/15/93	10:10:00	50.35	
12/15/93	10:20:00	50.34	
12/15/93	10:30:00	50.35	
12/15/93	10:40:00	50.35	
12/15/93	10:50:00	50.35	
12/15/93	11:00:00	50.36	
12/15/93	11:10:00	50.35	
12/15/93	11:20:00	50.35	
12/15/93	11:30:00	50.34	
12/15/93	11:40:00	50.30	
12/15/93	11:50:00	50.35	
12/15/93	12:00:00	50.35	
12/15/93	12:10:00	50.34	
12/15/93	12:20:00	50.35	
12/15/93	12:30:00	50.35	
12/15/93	12:40:00	50.35	
12/15/93	12:50:00	50.35	
12/15/93	13:00:00	50.35	
12/15/93	13:10:00	50.35	
12/15/93	13:20:00	50.34	
12/15/93	13:30:00	50.33	
12/15/93	13:40:00	50.34	
12/15/93	13:50:00	50.34	
12/15/93	14:00:00	50.32	
12/15/93	14:10:00	50.34	
12/15/93	14:20:00	50.34	
12/15/93	14:30:00	50.32	
12/15/93	14:40:00	50.34	
12/15/93	14:50:00	50.34	
12/15/93	15:00:00	50.33	
12/15/93	15:10:00	50.33	
12/15/93	15:20:00	50.33	
12/15/93	15:30:00	50.34	
12/15/93	15:40:00	50.34	
12/15/93	15:50:00	50.33	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water - Level Elevation Measured (feet)	Comments
12/15/93	16:00:00	50.34	
12/15/93	16:10:00	50.34	
12/15/93	16:20:00	50.34	
12/15/93	16:30:00	50.35	
12/15/93	16:40:00	50.35	
12/15/93	16:50:00	50.35	
12/15/93	17:00:00	50.34	
12/15/93	17:10:00	50.34	
12/15/93	17:20:00	50.34	
12/15/93	17:30:00	50.34	
12/15/93	17:40:00	50.34	
12/15/93	17:50:00	50.32	
12/15/93	18:00:00	50.34	
12/15/93	18:10:00	50.32	
12/15/93	18:20:00	50.32	
12/15/93	18:30:00	50.32	
12/15/93	18:40:00	50.32	
12/15/93	18:50:00	50.32	
12/15/93	19:00:00	50.32	
12/15/93	19:10:00	50.32	
12/15/93	19:20:00	50.32	
12/15/93	19:30:00	50.32	
12/15/93	19:40:00	50.32	
12/15/93	19:50:00	50.31	
12/15/93	20:00:00	50.27	
12/15/93	20:10:00	50.33	
12/15/93	20:20:00	50.30	
12/15/93	20:30:00	50.30	
12/15/93	20:40:00	50.30	
12/15/93	20:50:00	50.30	
12/15/93	21:00:00	50.30	
12/15/93	21:10:00	50.29	
12/15/93	21:20:00	50.29	
12/15/93	21:30:00	50.29	
12/15/93	21:40:00	50.29	
12/15/93	21:50:00	50.29	
12/15/93	22:00:00	50.24	
12/15/93	22:10:00	50.29	
12/15/93	22:20:00	50.27	
12/15/93	22:30:00	50.27	
12/15/93	22:40:00	50.27	
12/15/93	22:50:00	50.27	
12/15/93	23:00:00	50.26	
12/15/93	23:10:00	50.26	
12/15/93	23:20:00	50.25	
12/15/93	23:30:00	50.25	
12/15/93	23:40:00	50.22	
12/15/93	23:50:00	50.28	
12/16/93	00:00:00	50.26	
12/16/93	00:10:00	50.25	
12/16/93	00:20:00	50.25	
12/16/93	00:30:00	50.25	
12/16/93	00:40:00	50.25	
12/16/93	00:50:00	50.25	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	01:00:00	50.25	
12/16/93	01:10:00	50.25	
12/16/93	01:20:00	50.25	
12/16/93	01:30:00	50.24	
12/16/93	01:40:00	50.24	
12/16/93	01:50:00	50.24	
12/16/93	02:00:00	50.24	
12/16/93	02:10:00	50.24	
12/16/93	02:20:00	50.23	
12/16/93	02:30:00	50.23	
12/16/93	02:40:00	50.23	
12/16/93	02:50:00	50.23	
12/16/93	03:00:00	50.24	
12/16/93	03:10:00	50.24	
12/16/93	03:20:00	50.23	
12/16/93	03:30:00	50.23	
12/16/93	03:40:00	50.25	
12/16/93	03:50:00	50.23	
12/16/93	04:00:00	50.22	
12/16/93	04:10:00	50.22	
12/16/93	04:20:00	50.22	
12/16/93	04:30:00	50.22	
12/16/93	04:40:00	50.22	
12/16/93	04:50:00	50.23	
12/16/93	05:00:00	50.22	
12/16/93	05:10:00	50.22	
12/16/93	05:20:00	50.22	
12/16/93	05:30:00	50.23	
12/16/93	05:40:00	50.23	
12/16/93	05:50:00	50.24	
12/16/93	06:00:00	50.19	
12/16/93	06:10:00	50.25	
12/16/93	06:20:00	50.23	
12/16/93	06:30:00	50.23	
12/16/93	06:40:00	50.23	
12/16/93	06:50:00	50.22	
12/16/93	07:00:00	50.22	
12/16/93	07:10:00	50.21	
12/16/93	07:20:00	50.21	
12/16/93	07:30:00	50.20	
12/16/93	07:40:00	50.20	
12/16/93	07:50:00	50.20	
12/16/93	08:00:00	50.21	
12/16/93	08:10:00	50.19	
12/16/93	08:20:00	50.18	
12/16/93	08:30:00	50.17	
12/16/93	08:40:00	50.16	
12/16/93	08:50:00	50.15	
12/16/93	09:00:00	50.12	
12/16/93	09:05:00	50.14	
12/16/93	09:10:00	50.14	
12/16/93	09:15:00	50.14	
12/16/93	09:16:00	50.15	
12/16/93	09:17:00	50.15	

Stevens Recorder Ground Water Level Measurements
Lower Production Zone APT
IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	09:18:00	50.15	
12/16/93	09:19:00	50.15	
12/16/93	09:20:00	50.15	
12/16/93	09:21:00	50.15	
12/16/93	09:22:00	50.15	
12/16/93	09:23:00	50.14	
12/16/93	09:24:00	50.15	
12/16/93	09:25:00	50.15	
12/16/93	09:26:00	50.15	
12/16/93	09:27:00	50.16	
12/16/93	09:28:00	50.15	
12/16/93	09:29:00	50.15	
12/16/93	09:30:00	50.15	
12/16/93	09:40:00	50.18	
12/16/93	09:50:00	50.12	
12/16/93	10:00:00	50.15	
12/16/93	10:10:00	50.17	
12/16/93	10:20:00	50.15	
12/16/93	10:30:00	50.15	
12/16/93	10:40:00	50.15	
12/16/93	10:50:00	50.16	
12/16/93	11:00:00	50.15	
12/16/93	11:10:00	50.17	
12/16/93	11:20:00	50.17	
12/16/93	11:30:00	50.17	
12/16/93	11:40:00	50.17	
12/16/93	11:50:00	50.17	
12/16/93	12:00:00	50.18	
12/16/93	12:10:00	50.19	
12/16/93	12:20:00	50.19	
12/16/93	12:30:00	50.19	
12/16/93	12:40:00	50.19	
12/16/93	12:50:00	50.19	
12/16/93	13:00:00	50.19	
12/16/93	13:10:00	50.20	
12/16/93	13:20:00	50.20	
12/16/93	13:30:00	50.19	
12/16/93	13:40:00	50.19	
12/16/93	13:50:00	50.19	
12/16/93	14:00:00	50.19	
12/16/93	14:10:00	50.20	
12/16/93	14:20:00	50.20	
12/16/93	14:30:00	50.20	
12/16/93	14:40:00	50.20	
12/16/93	14:50:00	50.20	
12/16/93	15:00:00	50.19	
12/16/93	15:10:00	50.19	
12/16/93	15:20:00	50.20	
12/16/93	15:30:00	50.16	
12/16/93	15:40:00	50.20	
12/16/93	15:50:00	50.21	
12/16/93	16:00:00	50.20	
12/16/93	16:10:00	50.22	
12/16/93	16:20:00	50.20	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/16/93	16:30:00	50.20	
12/16/93	16:40:00	50.20	
12/16/93	16:50:00	50.20	
12/16/93	17:00:00	50.20	
12/16/93	17:10:00	50.19	
12/16/93	17:20:00	50.20	
12/16/93	17:30:00	50.20	
12/16/93	17:40:00	50.20	
12/16/93	17:50:00	50.23	
12/16/93	18:00:00	50.20	
12/16/93	18:10:00	50.20	
12/16/93	18:20:00	50.19	
12/16/93	18:30:00	50.20	
12/16/93	18:40:00	50.20	
12/16/93	18:50:00	50.21	
12/16/93	19:00:00	50.20	
12/16/93	19:10:00	50.20	
12/16/93	19:20:00	50.20	
12/16/93	19:30:00	50.21	
12/16/93	19:40:00	50.21	
12/16/93	19:50:00	50.20	
12/16/93	20:00:00	50.20	
12/16/93	20:10:00	50.19	
12/16/93	20:20:00	50.18	
12/16/93	20:30:00	50.18	
12/16/93	20:40:00	50.17	
12/16/93	20:50:00	50.17	
12/16/93	21:00:00	50.17	
12/16/93	21:10:00	50.17	
12/16/93	21:20:00	50.17	
12/16/93	21:30:00	50.17	
12/16/93	21:40:00	50.17	
12/16/93	21:50:00	50.17	
12/16/93	22:00:00	50.17	
12/16/93	22:10:00	50.17	
12/16/93	22:20:00	50.17	
12/16/93	22:30:00	50.16	
12/16/93	22:40:00	50.16	
12/16/93	22:50:00	50.16	
12/16/93	23:00:00	50.15	
12/16/93	23:10:00	50.15	
12/16/93	23:20:00	50.15	
12/16/93	23:30:00	50.15	
12/16/93	23:40:00	50.15	
12/16/93	23:50:00	50.15	
12/17/93	00:00:00	50.15	
12/17/93	00:10:00	50.15	
12/17/93	00:20:00	50.15	
12/17/93	00:30:00	50.15	
12/17/93	00:40:00	50.16	
12/17/93	00:50:00	50.16	
12/17/93	01:00:00	50.17	
12/17/93	01:10:00	50.17	
12/17/93	01:20:00	50.17	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/17/93	01:30:00	50.17	
12/17/93	01:40:00	50.17	
12/17/93	01:50:00	50.17	
12/17/93	02:00:00	50.17	
12/17/93	02:10:00	50.16	
12/17/93	02:20:00	50.16	
12/17/93	02:30:00	50.16	
12/17/93	02:40:00	50.17	
12/17/93	02:50:00	50.17	
12/17/93	03:00:00	50.17	
12/17/93	03:10:00	50.16	
12/17/93	03:20:00	50.17	
12/17/93	03:30:00	50.16	
12/17/93	03:40:00	50.16	
12/17/93	03:50:00	50.16	
12/17/93	04:00:00	50.17	
12/17/93	04:10:00	50.17	
12/17/93	04:20:00	50.17	
12/17/93	04:30:00	50.17	
12/17/93	04:40:00	50.17	
12/17/93	04:50:00	50.17	
12/17/93	05:00:00	50.17	
12/17/93	05:10:00	50.16	
12/17/93	05:20:00	50.16	
12/17/93	05:30:00	50.16	
12/17/93	05:40:00	50.16	
12/17/93	05:50:00	50.15	
12/17/93	06:00:00	50.15	
12/17/93	06:10:00	50.14	
12/17/93	06:20:00	50.15	
12/17/93	06:30:00	50.15	
12/17/93	06:40:00	50.15	
12/17/93	06:50:00	50.15	
12/17/93	07:00:00	50.14	
12/17/93	07:10:00	50.14	
12/17/93	07:20:00	50.13	
12/17/93	07:30:00	50.12	
12/17/93	07:40:00	50.12	
12/17/93	07:50:00	50.11	
12/17/93	08:00:00	50.10	
12/17/93	08:10:00	50.10	
12/17/93	08:20:00	50.10	
12/17/93	08:30:00	50.10	
12/17/93	08:40:00	50.09	
12/17/93	08:50:00	50.08	
12/17/93	09:00:00	50.08	
12/17/93	09:10:00	50.07	
12/17/93	09:20:00	50.10	
12/17/93	09:30:00	50.07	
12/17/93	09:40:00	50.05	
12/17/93	09:50:00	50.07	
12/17/93	10:00:00	50.03	
12/17/93	10:10:00	50.03	
12/17/93	10:20:00	50.03	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/17/93	10:30:00	50.03	
12/17/93	10:40:00	50.03	
12/17/93	10:50:00	50.03	
12/17/93	11:00:00	50.04	
12/17/93	11:10:00	50.04	
12/17/93	11:20:00	50.03	
12/17/93	11:30:00	50.03	
12/17/93	11:40:00	50.03	
12/17/93	11:50:00	50.02	
12/17/93	12:00:00	50.02	
12/17/93	12:10:00	50.03	
12/17/93	12:20:00	50.03	
12/17/93	12:30:00	50.03	
12/17/93	12:40:00	50.02	
12/17/93	12:50:00	50.03	
12/17/93	13:00:00	50.05	
12/17/93	13:10:00	50.05	
12/17/93	13:20:00	50.07	
12/17/93	13:30:00	50.07	
12/17/93	13:40:00	50.07	
12/17/93	13:50:00	50.06	
12/17/93	14:00:00	50.05	
12/17/93	14:10:00	50.07	
12/17/93	14:20:00	50.07	
12/17/93	14:30:00	50.07	
12/17/93	14:40:00	50.07	
12/17/93	14:50:00	50.06	
12/17/93	15:00:00	50.06	
12/17/93	15:10:00	50.06	
12/17/93	15:20:00	50.05	
12/17/93	15:30:00	50.05	
12/17/93	15:40:00	50.05	
12/17/93	15:50:00	50.06	
12/17/93	16:00:00	50.01	
12/17/93	16:15:00	50.07	
12/17/93	16:30:00	50.06	
12/17/93	16:45:00	50.06	
12/17/93	17:00:00	50.07	
12/17/93	17:15:00	50.07	
12/17/93	17:30:00	50.08	
12/17/93	17:45:00	50.08	
12/17/93	18:00:00	50.07	
12/17/93	18:15:00	50.07	
12/17/93	18:30:00	50.07	
12/17/93	18:45:00	50.06	
12/17/93	19:00:00	50.07	
12/17/93	19:15:00	50.07	
12/17/93	19:30:00	50.07	
12/17/93	19:45:00	50.07	
12/17/93	20:00:00	50.07	
12/17/93	20:15:00	50.07	
12/17/93	20:30:00	50.05	
12/17/93	20:45:00	50.06	
12/17/93	21:00:00	50.07	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/17/93	21:15:00	50.06	
12/17/93	21:30:00	50.05	
12/17/93	21:45:00	50.05	
12/17/93	22:00:00	50.05	
12/17/93	22:15:00	50.04	
12/17/93	22:30:00	50.03	
12/17/93	22:45:00	50.03	
12/17/93	23:00:00	50.03	
12/17/93	23:15:00	50.03	
12/17/93	23:30:00	50.03	
12/17/93	23:45:00	50.04	
12/18/93	00:00:00	50.04	
12/18/93	00:15:00	50.04	
12/18/93	00:30:00	50.04	
12/18/93	00:45:00	50.05	
12/18/93	01:00:00	50.05	
12/18/93	01:15:00	50.05	
12/18/93	01:30:00	50.05	
12/18/93	01:45:00	50.05	
12/18/93	02:00:00	50.04	
12/18/93	02:15:00	50.04	
12/18/93	02:30:00	50.04	
12/18/93	02:45:00	50.04	
12/18/93	03:00:00	50.03	
12/18/93	03:15:00	50.04	
12/18/93	03:30:00	50.04	
12/18/93	03:45:00	50.03	
12/18/93	04:00:00	50.04	
12/18/93	04:15:00	50.05	
12/18/93	04:30:00	50.05	
12/18/93	04:45:00	50.05	
12/18/93	05:00:00	50.07	
12/18/93	05:15:00	50.07	
12/18/93	05:30:00	50.06	
12/18/93	05:45:00	50.06	
12/18/93	06:00:00	50.06	
12/18/93	06:15:00	50.05	
12/18/93	06:30:00	50.05	
12/18/93	06:45:00	50.05	
12/18/93	07:00:00	50.05	
12/18/93	07:15:00	50.05	
12/18/93	07:30:00	50.05	
12/18/93	07:45:00	50.05	
12/18/93	08:00:00	50.05	
12/18/93	08:15:00	50.05	
12/18/93	08:30:00	50.05	
12/18/93	08:45:00	50.03	
12/18/93	09:00:00	50.02	
12/18/93	09:15:00	50.02	
12/18/93	09:30:00	50.01	
12/18/93	09:45:00	50.02	
12/18/93	10:00:00	50.03	
12/18/93	10:15:00	50.03	
12/18/93	10:30:00	50.02	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/18/93	10:45:00	50.02	
12/18/93	11:00:00	50.02	
12/18/93	11:15:00	50.02	
12/18/93	11:30:00	50.01	
12/18/93	11:45:00	50.00	
12/18/93	12:00:00	50.02	
12/18/93	12:15:00	50.02	
12/18/93	12:30:00	50.03	
12/18/93	12:45:00	50.04	
12/18/93	13:00:00	50.05	
12/18/93	13:15:00	50.02	
12/18/93	13:30:00	50.03	
12/18/93	13:45:00	50.04	
12/18/93	14:00:00	50.05	
12/18/93	14:15:00	50.05	
12/18/93	14:30:00	50.05	
12/18/93	14:45:00	50.05	
12/18/93	15:00:00	50.07	
12/18/93	15:15:00	50.06	
12/18/93	15:30:00	50.06	
12/18/93	15:45:00	50.05	
12/18/93	16:00:00	50.05	
12/18/93	16:15:00	50.05	
12/18/93	16:30:00	50.06	
12/18/93	16:45:00	50.07	
12/18/93	17:00:00	50.06	
12/18/93	17:15:00	50.07	
12/18/93	17:30:00	50.07	
12/18/93	17:45:00	50.06	
12/18/93	18:00:00	50.07	
12/18/93	18:15:00	50.07	
12/18/93	18:30:00	50.07	
12/18/93	18:45:00	50.07	
12/18/93	19:00:00	50.07	
12/18/93	19:15:00	50.07	
12/18/93	19:30:00	50.07	
12/18/93	19:45:00	50.07	
12/18/93	20:00:00	50.07	
12/18/93	20:15:00	50.07	
12/18/93	20:30:00	50.07	
12/18/93	20:45:00	50.07	
12/18/93	21:00:00	50.07	
12/18/93	21:15:00	50.08	
12/18/93	21:30:00	50.08	
12/18/93	21:45:00	50.08	
12/18/93	22:00:00	50.08	
12/18/93	22:15:00	50.08	
12/18/93	22:30:00	50.08	
12/18/93	22:45:00	50.08	
12/18/93	23:00:00	50.08	
12/18/93	23:15:00	50.08	
12/18/93	23:30:00	50.09	
12/18/93	23:45:00	50.09	
12/19/93	00:00:00	50.09	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/19/93	00:15:00	50.09	
12/19/93	00:30:00	50.09	
12/19/93	00:45:00	50.09	
12/19/93	01:00:00	50.09	
12/19/93	01:15:00	50.10	
12/19/93	01:30:00	50.09	
12/19/93	01:45:00	50.08	
12/19/93	02:00:00	50.08	
12/19/93	02:15:00	50.08	
12/19/93	02:30:00	50.09	
12/19/93	02:45:00	50.09	
12/19/93	03:00:00	50.09	
12/19/93	03:15:00	50.09	
12/19/93	03:30:00	50.09	
12/19/93	03:45:00	50.09	
12/19/93	04:00:00	50.09	
12/19/93	04:15:00	50.09	
12/19/93	04:30:00	50.09	
12/19/93	04:45:00	50.09	
12/19/93	05:00:00	50.09	
12/19/93	05:15:00	50.10	
12/19/93	05:30:00	50.10	
12/19/93	05:45:00	50.10	
12/19/93	06:00:00	50.10	
12/19/93	06:15:00	50.09	
12/19/93	06:30:00	50.09	
12/19/93	06:45:00	50.09	
12/19/93	07:00:00	50.09	
12/19/93	07:15:00	50.09	
12/19/93	07:30:00	50.09	
12/19/93	07:45:00	50.09	
12/19/93	08:00:00	50.09	
12/19/93	08:15:00	50.08	
12/19/93	08:30:00	50.08	
12/19/93	08:45:00	50.08	
12/19/93	09:00:00	50.07	
12/19/93	09:15:00	50.07	
12/19/93	09:30:00	50.06	
12/19/93	09:45:00	50.05	
12/19/93	10:00:00	50.05	
12/19/93	10:15:00	50.05	
12/19/93	10:30:00	50.05	
12/19/93	10:45:00	50.05	
12/19/93	11:00:00	50.05	
12/19/93	11:15:00	50.06	
12/19/93	11:30:00	50.05	
12/19/93	11:45:00	50.03	
12/19/93	12:00:00	50.07	
12/19/93	12:15:00	50.06	
12/19/93	12:30:00	50.06	
12/19/93	12:45:00	50.08	
12/19/93	13:00:00	50.08	
12/19/93	13:15:00	50.09	
12/19/93	13:30:00	50.10	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/19/93	13:45:00	50.09	
12/19/93	14:00:00	50.10	
12/19/93	14:15:00	50.10	
12/19/93	14:30:00	50.09	
12/19/93	14:45:00	50.09	
12/19/93	15:00:00	50.10	
12/19/93	15:15:00	50.10	
12/19/93	15:30:00	50.09	
12/19/93	15:45:00	50.08	
12/19/93	16:00:00	50.10	
12/19/93	16:15:00	50.10	
12/19/93	16:30:00	50.09	
12/19/93	16:45:00	50.09	
12/19/93	17:00:00	50.09	
12/19/93	17:15:00	50.08	
12/19/93	17:30:00	50.08	
12/19/93	17:45:00	50.08	
12/19/93	18:00:00	50.08	
12/19/93	18:15:00	50.08	
12/19/93	18:30:00	50.08	
12/19/93	18:45:00	50.08	
12/19/93	19:00:00	50.09	
12/19/93	19:15:00	50.09	
12/19/93	19:30:00	50.09	
12/19/93	19:45:00	50.09	
12/19/93	20:00:00	50.09	
12/19/93	20:15:00	50.08	
12/19/93	20:30:00	50.09	
12/19/93	20:45:00	50.10	
12/19/93	21:00:00	50.09	
12/19/93	21:15:00	50.09	
12/19/93	21:30:00	50.10	
12/19/93	21:45:00	50.10	
12/19/93	22:00:00	50.10	
12/19/93	22:15:00	50.10	
12/19/93	22:30:00	50.12	
12/19/93	22:45:00	50.12	
12/19/93	23:00:00	50.12	
12/19/93	23:15:00	50.13	
12/19/93	23:30:00	50.12	
12/19/93	23:45:00	50.13	
12/20/93	00:00:00	50.13	
12/20/93	00:15:00	50.13	
12/20/93	00:30:00	50.13	
12/20/93	00:45:00	50.14	
12/20/93	01:00:00	50.14	
12/20/93	01:15:00	50.14	
12/20/93	01:30:00	50.14	
12/20/93	01:45:00	50.14	
12/20/93	02:00:00	50.14	
12/20/93	02:15:00	50.14	
12/20/93	02:30:00	50.14	
12/20/93	02:45:00	50.14	
12/20/93	03:00:00	50.14	

Stevens Recorder Ground Water Level Measurements
 Lower Production Zone APT
 IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/20/93	03:15:00	50.13	
12/20/93	03:30:00	50.13	
12/20/93	03:45:00	50.13	
12/20/93	04:00:00	50.13	
12/20/93	04:15:00	50.13	
12/20/93	04:30:00	50.14	
12/20/93	04:45:00	50.14	
12/20/93	05:00:00	50.14	
12/20/93	05:15:00	50.14	
12/20/93	05:30:00	50.14	
12/20/93	05:45:00	50.14	
12/20/93	06:00:00	50.14	
12/20/93	06:15:00	50.14	
12/20/93	06:30:00	50.14	
12/20/93	06:45:00	50.15	
12/20/93	07:00:00	50.15	
12/20/93	07:15:00	50.15	
12/20/93	07:30:00	50.15	
12/20/93	07:45:00	50.15	
12/20/93	08:00:00	50.14	
12/20/93	08:15:00	50.14	
12/20/93	08:30:00	50.12	
12/20/93	08:45:00	50.13	
12/20/93	09:00:00	50.13	
12/20/93	09:15:00	50.12	
12/20/93	09:30:00	50.09	
12/20/93	09:45:00	50.14	
12/20/93	10:00:00	50.13	
12/20/93	10:15:00	50.12	
12/20/93	10:30:00	50.12	
12/20/93	10:45:00	50.14	
12/20/93	11:00:00	50.12	
12/20/93	11:15:00	50.14	
12/20/93	11:30:00	50.14	
12/20/93	11:45:00	50.15	
12/20/93	12:00:00	50.15	
12/20/93	12:15:00	50.15	
12/20/93	12:30:00	50.15	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-2

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/09/93	08:37:00	50.19	
12/10/93	14:15:00	50.61	
12/10/93	17:59:00	50.58	
12/11/93	12:33:00	50.52	
12/13/93	08:59:00	50.34	
12/13/93	14:00:00	50.35	
12/13/93	17:16:00	50.38	
12/14/93	08:40:00	50.43	
12/14/93	12:45:00	50.51	
12/14/93	13:15:00	50.52	Begin Pumping at ICW-2
12/14/93	13:15:10	50.52	
12/14/93	13:15:20	50.52	
12/14/93	13:15:30	50.52	
12/14/93	13:15:40	50.52	
12/14/93	13:15:50	50.52	
12/14/93	13:16:00	50.52	
12/14/93	13:16:10	50.52	
12/14/93	13:16:20	50.52	
12/14/93	13:16:30	50.52	
12/14/93	13:16:40	50.52	
12/14/93	13:16:50	50.52	
12/14/93	13:17:00	50.52	
12/14/93	13:17:30	50.52	
12/14/93	13:18:00	50.52	
12/14/93	13:18:30	50.52	
12/14/93	13:19:00	50.52	
12/14/93	13:19:30	50.51	
12/14/93	13:20:00	50.51	
12/14/93	13:20:30	50.51	
12/14/93	13:21:00	50.51	
12/14/93	13:21:30	50.51	
12/14/93	13:22:00	50.51	
12/14/93	13:22:30	50.51	
12/14/93	13:23:00	50.52	
12/14/93	13:23:30	50.51	
12/14/93	13:24:00	50.52	
12/14/93	13:24:30	50.52	
12/14/93	13:25:00	50.52	
12/14/93	13:26:00	50.51	
12/14/93	13:27:00	50.51	
12/14/93	13:28:00	50.51	
12/14/93	13:29:00	50.51	
12/14/93	13:30:00	50.51	
12/14/93	13:31:00	50.51	
12/14/93	13:32:00	50.52	
12/14/93	13:33:00	50.51	
12/14/93	13:34:00	50.51	
12/14/93	13:35:00	50.51	
12/14/93	13:36:00	50.51	
12/14/93	13:37:00	50.51	
12/14/93	13:38:00	50.51	
12/14/93	13:39:00	50.51	
12/14/93	13:40:00	50.51	
12/14/93	13:41:00	50.52	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-2

Date	Time	Water-Level Elevation Measured (feet)	Comments
12/14/93	13:42:00	50.51	
12/14/93	13:43:00	50.51	
12/14/93	13:44:00	50.52	
12/14/93	13:45:00	50.51	
12/14/93	13:55:00	50.51	
12/14/93	14:05:00	50.51	
12/14/93	14:15:00	50.50	
12/14/93	14:25:00	50.51	
12/14/93	14:35:00	50.51	
12/14/93	14:45:00	50.51	
12/14/93	14:55:00	50.51	
12/14/93	15:08:00	50.50	
12/14/93	15:22:00	50.50	
12/14/93	15:40:00	50.51	
12/14/93	15:57:00	50.51	
12/14/93	16:05:00	50.50	
12/14/93	16:15:00	50.51	
12/14/93	16:25:00	50.52	
12/14/93	16:35:00	50.51	
12/14/93	19:11:00	50.48	
12/14/93	21:49:00	50.44	
12/15/93	00:22:00	50.35	
12/15/93	01:55:00	50.33	
12/15/93	03:48:00	50.37	
12/15/93	05:53:00	50.37	
12/15/93	07:53:00	50.34	
12/15/93	09:00:00	50.31	
12/15/93	11:39:00	50.31	
12/15/93	17:43:00	50.29	
12/15/93	19:59:00	50.25	
12/15/93	21:58:00	50.21	
12/15/93	23:40:00	50.16	
12/16/93	01:04:00	50.15	
12/16/93	03:32:00	50.11	
12/16/93	05:59:00	50.10	
12/16/93	07:53:00	50.07	
12/16/93	09:15:00	50.06	End Pumping
12/16/93	09:15:10	50.06	
12/16/93	09:15:20	50.06	
12/16/93	09:15:30	50.06	
12/16/93	09:15:40	50.06	
12/16/93	09:15:50	50.06	
12/16/93	09:16:00	50.06	
12/16/93	09:16:10	50.06	
12/16/93	09:16:20	50.06	
12/16/93	09:16:30	50.06	
12/16/93	09:16:40	50.06	
12/16/93	09:16:50	50.06	
12/16/93	09:17:00	50.06	
12/16/93	09:17:30	50.06	
12/16/93	09:18:00	50.06	
12/16/93	09:18:30	50.06	
12/16/93	09:19:00	50.06	
12/16/93	09:19:30	50.06	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-2

Date	Time	Water—Level Elevation Measured (feet)	Comments
12/16/93	09:20:00	50.06	
12/16/93	09:20:30	50.06	
12/16/93	09:21:00	50.06	
12/16/93	09:21:30	50.06	
12/16/93	09:22:00	50.06	
12/16/93	09:22:30	50.06	
12/16/93	09:23:00	50.06	
12/16/93	09:23:30	50.06	
12/16/93	09:24:00	50.06	
12/16/93	09:24:30	50.06	
12/16/93	09:25:00	50.06	
12/16/93	09:26:00	50.06	
12/16/93	09:27:00	50.06	
12/16/93	09:28:00	50.06	
12/16/93	09:29:00	50.06	
12/16/93	09:30:00	50.06	
12/16/93	09:31:00	50.06	
12/16/93	09:32:00	50.06	
12/16/93	09:33:00	50.06	
12/16/93	09:34:00	50.06	
12/16/93	09:35:00	50.06	
12/16/93	09:40:00	50.06	
12/16/93	09:45:00	50.06	
12/16/93	09:55:00	50.06	
12/16/93	10:00:00	50.06	
12/16/93	10:05:00	50.06	
12/16/93	10:10:00	50.06	
12/16/93	10:15:00	50.08	
12/16/93	10:25:00	50.08	
12/16/93	10:35:00	50.10	
12/16/93	10:45:00	50.10	
12/16/93	10:55:00	50.10	
12/16/93	11:05:00	50.10	
12/16/93	11:15:00	50.11	
12/16/93	11:25:00	50.11	
12/16/93	11:35:00	50.11	
12/16/93	11:45:00	50.11	
12/16/93	11:55:00	50.11	
12/16/93	12:05:00	50.11	
12/16/93	12:15:00	50.12	
12/16/93	12:25:00	50.13	
12/16/93	12:35:00	50.13	
12/16/93	12:45:00	50.14	
12/16/93	12:55:00	50.15	
12/16/93	13:05:00	50.16	
12/16/93	13:15:00	50.16	
12/16/93	13:25:00	50.17	
12/16/93	13:35:00	50.17	
12/16/93	13:45:00	50.17	
12/16/93	13:55:00	50.17	
12/16/93	14:05:00	50.17	
12/16/93	14:15:00	50.18	
12/16/93	14:25:00	50.17	
12/16/93	14:35:00	50.17	

Visual/Manual Ground Water Level Measurements
Lower Production Zone APT
IPW-2

Date	Time	Water--Level Elevation Measured (feet)	Comments
12/16/93	14:45:00	50.17	
12/16/93	14:55:00	50.17	
12/16/93	15:05:00	50.17	
12/16/93	15:15:00	50.17	
12/16/93	15:30:00	50.16	
12/16/93	17:45:00	50.16	
12/17/93	09:12:00	49.98	
12/17/93	09:34:00	49.98	

Barometric Pressure Measurements

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/09/93	00:17	29.96
12/09/93	00:47	29.97
12/09/93	01:17	29.96
12/09/93	01:47	29.96
12/09/93	02:17	29.96
12/09/93	02:47	29.93
12/09/93	03:17	29.93
12/09/93	03:47	29.93
12/09/93	04:17	29.92
12/09/93	04:47	29.91
12/09/93	05:17	29.90
12/09/93	05:47	29.89
12/09/93	06:17	29.89
12/09/93	06:47	29.89
12/09/93	07:17	29.88
12/09/93	07:47	29.89
12/09/93	08:17	29.89
12/09/93	08:47	29.90
12/09/93	09:17	29.90
12/09/93	09:47	29.90
12/09/93	10:17	29.89
12/09/93	10:47	29.89
12/09/93	11:17	29.89
12/09/93	11:47	29.89
12/09/93	12:17	29.89
12/09/93	12:47	29.88
12/09/93	13:17	29.88
12/09/93	13:47	29.87
12/09/93	14:17	29.86
12/09/93	14:47	29.85
12/09/93	15:17	29.85
12/09/93	15:47	29.84
12/09/93	16:17	29.83
12/09/93	16:47	29.82
12/09/93	17:17	29.82
12/09/93	17:47	29.82
12/09/93	18:17	29.82
12/09/93	18:47	29.81
12/09/93	19:17	29.82
12/09/93	19:47	29.82
12/09/93	20:17	29.82
12/09/93	20:47	29.82
12/09/93	21:17	29.82
12/09/93	21:47	29.82
12/09/93	22:17	29.83
12/09/93	22:47	29.84
12/09/93	23:17	29.85
12/09/93	23:47	29.87
12/10/93	00:17	29.87
12/10/93	00:47	29.88
12/10/93	01:17	29.87
12/10/93	01:47	29.86
12/10/93	02:17	29.85
12/10/93	02:47	29.83
12/10/93	03:17	29.82
12/10/93	03:47	29.80

**Barometric Pressure Measurements
Lower Production Zone APT**

Date	Time	Barometric Pressure (inches of mercury)
12/10/93	04:17	29.78
12/10/93	04:47	29.77
12/10/93	05:17	29.77
12/10/93	05:47	29.77
12/10/93	06:17	29.77
12/10/93	06:47	29.75
12/10/93	07:17	29.74
12/10/93	07:47	29.74
12/10/93	08:17	29.73
12/10/93	08:47	29.73
12/10/93	09:17	29.74
12/10/93	09:47	29.74
12/10/93	10:17	29.74
12/10/93	10:47	29.72
12/10/93	11:17	29.73
12/10/93	11:47	29.73
12/10/93	12:17	29.73
12/10/93	12:47	29.74
12/10/93	13:17	29.74
12/10/93	13:47	29.72
12/10/93	14:17	29.70
12/10/93	14:47	29.69
12/10/93	15:17	29.71
12/10/93	15:47	29.69
12/10/93	16:17	29.68
12/10/93	16:47	29.66
12/10/93	17:17	29.65
12/10/93	17:47	29.64
12/10/93	18:17	29.64
12/10/93	18:47	29.65
12/10/93	19:17	29.66
12/10/93	19:47	29.66
12/10/93	20:17	29.67
12/10/93	20:47	29.68
12/10/93	21:17	29.69
12/10/93	21:47	29.70
12/10/93	22:17	29.70
12/10/93	22:47	29.70
12/10/93	23:17	29.72
12/10/93	23:47	29.72
12/11/93	00:17	29.72
12/11/93	00:47	29.71
12/11/93	01:17	29.71
12/11/93	01:47	29.70
12/11/93	02:17	29.70
12/11/93	02:47	29.67
12/11/93	13:02	29.66
12/11/93	13:32	29.66
12/11/93	14:02	29.66
12/11/93	14:32	29.66
12/11/93	15:02	29.65
12/11/93	15:32	29.65
12/11/93	16:02	29.65
12/11/93	16:32	29.65
12/11/93	17:02	29.66
12/11/93	17:32	29.67

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/11/93	18:02	29.67
12/11/93	18:32	29.69
12/11/93	19:02	29.70
12/11/93	19:32	29.71
12/11/93	20:02	29.71
12/11/93	20:32	29.72
12/11/93	21:02	29.73
12/11/93	21:32	29.74
12/11/93	22:02	29.75
12/11/93	22:32	29.75
12/11/93	23:02	29.75
12/11/93	23:32	29.76
12/12/93	00:02	29.77
12/12/93	00:32	29.78
12/12/93	01:02	29.78
12/12/93	01:32	29.77
12/12/93	02:02	29.77
12/12/93	02:32	29.78
12/12/93	03:02	29.78
12/12/93	03:32	29.78
12/12/93	04:02	29.78
12/12/93	04:32	29.79
12/12/93	05:02	29.79
12/12/93	05:32	29.80
12/12/93	06:02	29.81
12/12/93	06:32	29.81
12/12/93	07:02	29.82
12/12/93	07:32	29.83
12/12/93	08:02	29.84
12/12/93	08:32	29.85
12/12/93	09:02	29.84
12/12/93	09:32	29.84
12/12/93	10:02	29.84
12/12/93	10:32	29.84
12/12/93	11:02	29.83
12/12/93	11:32	29.83
12/12/93	12:02	29.82
12/12/93	12:32	29.81
12/12/93	13:02	29.81
12/12/93	13:32	29.81
12/12/93	14:02	29.80
12/12/93	14:32	29.82
12/12/93	15:02	29.82
12/12/93	15:32	29.82
12/12/93	16:02	29.82
12/12/93	16:32	29.81
12/12/93	17:02	29.81
12/12/93	17:32	29.82
12/12/93	18:02	29.82
12/12/93	18:32	29.82
12/12/93	19:02	29.83
12/12/93	19:32	29.84
12/12/93	20:02	29.84
12/12/93	20:32	29.84
12/12/93	21:02	29.86
12/12/93	21:32	29.85

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/12/93	22:02	29.85
12/12/93	22:32	29.84
12/12/93	23:02	29.83
12/12/93	23:32	29.83
12/13/93	00:02	29.82
12/13/93	00:32	29.82
12/13/93	01:02	29.82
12/13/93	01:32	29.82
12/13/93	02:02	29.81
12/13/93	02:32	29.81
12/13/93	03:02	29.79
12/13/93	03:32	29.80
12/13/93	04:02	29.80
12/13/93	04:32	29.79
12/13/93	05:02	29.79
12/13/93	05:32	29.80
12/13/93	06:02	29.81
12/13/93	06:32	29.80
12/13/93	07:02	29.81
12/13/93	07:32	29.81
12/13/93	08:02	29.81
12/13/93	08:32	29.82
12/13/93	09:02	29.82
12/13/93	09:32	29.82
12/13/93	10:02	29.83
12/13/93	10:32	29.83
12/13/93	11:02	29.84
12/13/93	11:32	29.84
12/13/93	12:02	29.82
12/13/93	12:32	29.82
12/13/93	13:02	29.81
12/13/93	13:32	29.80
12/13/93	14:02	29.79
12/13/93	14:32	29.78
12/13/93	15:02	29.78
12/13/93	15:32	29.77
12/13/93	16:02	29.76
12/13/93	16:32	29.75
12/13/93	17:02	29.74
12/13/93	17:32	29.73
12/13/93	18:02	29.72
12/13/93	18:32	29.71
12/13/93	19:02	29.72
12/13/93	19:32	29.72
12/13/93	20:02	29.73
12/13/93	20:32	29.73
12/13/93	21:02	29.73
12/13/93	21:32	29.74
12/13/93	22:02	29.73
12/13/93	22:32	29.72
12/13/93	23:02	29.72
12/13/93	23:32	29.71
12/14/93	00:02	29.70
12/14/93	00:32	29.69
12/14/93	01:02	29.69
12/14/93	01:32	29.68

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/14/93	02:02	29.68
12/14/93	02:32	29.67
12/14/93	03:02	29.67
12/14/93	03:32	29.66
12/14/93	04:02	29.66
12/14/93	04:32	29.66
12/14/93	05:02	29.64
12/14/93	05:32	29.64
12/14/93	06:02	29.63
12/14/93	06:32	29.62
12/14/93	07:02	29.61
12/14/93	07:32	29.60
12/14/93	08:02	29.60
12/14/93	08:10	29.59
12/14/93	08:20	29.60
12/14/93	08:30	29.61
12/14/93	08:40	29.61
12/14/93	08:50	29.60
12/14/93	09:00	29.60
12/14/93	09:10	29.60
12/14/93	09:20	29.60
12/14/93	09:30	29.61
12/14/93	09:40	29.60
12/14/93	09:50	29.60
12/14/93	10:00	29.60
12/14/93	10:10	29.60
12/14/93	10:20	29.60
12/14/93	10:30	29.60
12/14/93	10:40	29.60
12/14/93	10:50	29.61
12/14/93	11:00	29.59
12/14/93	11:10	29.60
12/14/93	11:20	29.60
12/14/93	11:30	29.58
12/14/93	11:40	29.57
12/14/93	11:50	29.57
12/14/93	12:00	29.56
12/14/93	12:10	29.56
12/14/93	12:20	29.55
12/14/93	12:30	29.54
12/14/93	12:40	29.54
12/14/93	12:49	29.54
12/14/93	12:51	29.52
12/14/93	12:53	29.53
12/14/93	12:55	29.53
12/14/93	12:57	29.53
12/14/93	12:59	29.53
12/14/93	13:01	29.53
12/14/93	13:03	29.53
12/14/93	13:05	29.52
12/14/93	13:07	29.52
12/14/93	13:09	29.53
12/14/93	13:11	29.53
12/14/93	13:13	29.53
12/14/93	13:15	29.53
12/14/93	13:17	29.53

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/14/93	13:19	29.52
12/14/93	13:21	29.52
12/14/93	13:23	29.52
12/14/93	13:25	29.51
12/14/93	13:27	29.52
12/14/93	13:29	29.52
12/14/93	13:31	29.52
12/14/93	13:33	29.52
12/14/93	13:35	29.51
12/14/93	13:37	29.51
12/14/93	13:39	29.51
12/14/93	13:41	29.52
12/14/93	13:43	29.51
12/14/93	13:45	29.51
12/14/93	13:47	29.51
12/14/93	13:49	29.51
12/14/93	13:51	29.51
12/14/93	13:53	29.51
12/14/93	13:55	29.51
12/14/93	13:57	29.51
12/14/93	13:59	29.51
12/14/93	14:01	29.51
12/14/93	14:03	29.51
12/14/93	14:05	29.51
12/14/93	14:07	29.50
12/14/93	14:09	29.50
12/14/93	14:11	29.51
12/14/93	14:13	29.51
12/14/93	14:15	29.50
12/14/93	14:17	29.50
12/14/93	14:19	29.49
12/14/93	14:30	29.50
12/14/93	14:40	29.49
12/14/93	14:50	29.50
12/14/93	15:00	29.49
12/14/93	15:10	29.50
12/14/93	15:20	29.50
12/14/93	15:30	29.49
12/14/93	15:40	29.49
12/14/93	15:50	29.49
12/14/93	16:00	29.48
12/14/93	16:10	29.48
12/14/93	16:20	29.47
12/14/93	16:30	29.48
12/14/93	16:40	29.48
12/14/93	16:50	29.47
12/14/93	17:00	29.47
12/14/93	17:10	29.46
12/14/93	17:20	29.47
12/14/93	17:30	29.47
12/14/93	17:40	29.47
12/14/93	17:50	29.48
12/14/93	18:00	29.49
12/14/93	18:10	29.49
12/14/93	18:20	29.50
12/14/93	18:30	29.50

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/14/93	18:40	29.50
12/14/93	18:50	29.50
12/14/93	19:00	29.49
12/14/93	19:10	29.49
12/14/93	19:20	29.50
12/14/93	19:30	29.49
12/14/93	19:40	29.49
12/14/93	19:50	29.49
12/14/93	20:00	29.49
12/14/93	20:10	29.50
12/14/93	20:20	29.50
12/14/93	20:30	29.50
12/14/93	20:40	29.50
12/14/93	20:50	29.50
12/14/93	21:00	29.50
12/14/93	21:10	29.50
12/14/93	21:20	29.49
12/14/93	21:30	29.50
12/14/93	21:40	29.50
12/14/93	21:50	29.50
12/14/93	22:00	29.50
12/14/93	22:10	29.51
12/14/93	22:20	29.51
12/14/93	22:30	29.51
12/14/93	22:40	29.50
12/14/93	22:50	29.51
12/14/93	23:00	29.50
12/14/93	23:10	29.50
12/14/93	23:20	29.50
12/14/93	23:30	29.50
12/14/93	23:40	29.50
12/14/93	23:50	29.50
12/15/93	00:00	29.50
12/15/93	00:10	29.50
12/15/93	00:20	29.49
12/15/93	00:30	29.49
12/15/93	00:40	29.50
12/15/93	00:50	29.50
12/15/93	01:00	29.50
12/15/93	01:10	29.49
12/15/93	01:20	29.50
12/15/93	01:30	29.50
12/15/93	01:40	29.50
12/15/93	01:50	29.49
12/15/93	02:00	29.49
12/15/93	02:10	29.49
12/15/93	02:20	29.50
12/15/93	02:30	29.50
12/15/93	02:40	29.49
12/15/93	02:50	29.49
12/15/93	03:00	29.49
12/15/93	03:10	29.48
12/15/93	03:20	29.49
12/15/93	03:30	29.49
12/15/93	03:40	29.49
12/15/93	03:50	29.49

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/15/93	04:00	29.48
12/15/93	04:10	29.49
12/15/93	04:20	29.49
12/15/93	04:30	29.49
12/15/93	04:40	29.49
12/15/93	04:50	29.49
12/15/93	05:00	29.49
12/15/93	05:10	29.49
12/15/93	05:20	29.50
12/15/93	05:30	29.50
12/15/93	05:40	29.50
12/15/93	05:50	29.51
12/15/93	06:00	29.51
12/15/93	06:10	29.51
12/15/93	06:20	29.51
12/15/93	06:30	29.52
12/15/93	06:40	29.52
12/15/93	06:50	29.52
12/15/93	07:00	29.52
12/15/93	07:10	29.53
12/15/93	07:20	29.53
12/15/93	07:30	29.53
12/15/93	07:40	29.53
12/15/93	07:50	29.54
12/15/93	08:00	29.54
12/15/93	08:10	29.55
12/15/93	08:20	29.56
12/15/93	08:30	29.56
12/15/93	08:40	29.57
12/15/93	08:50	29.58
12/15/93	09:00	29.58
12/15/93	09:10	29.59
12/15/93	09:20	29.59
12/15/93	09:30	29.59
12/15/93	09:40	29.59
12/15/93	09:50	29.59
12/15/93	10:00	29.59
12/15/93	10:10	29.60
12/15/93	10:20	29.60
12/15/93	10:30	29.59
12/15/93	10:40	29.61
12/15/93	10:50	29.60
12/15/93	11:00	29.59
12/15/93	11:10	29.59
12/15/93	11:20	29.59
12/15/93	11:30	29.59
12/15/93	11:40	29.59
12/15/93	11:50	29.59
12/15/93	12:00	29.58
12/15/93	12:10	29.58
12/15/93	12:20	29.58
12/15/93	12:30	29.57
12/15/93	12:40	29.56
12/15/93	12:50	29.57
12/15/93	13:00	29.56
12/15/93	13:10	29.56

**Barometric Pressure Measurements
Lower Production Zone APT**

Date	Time	Barometric Pressure (inches of mercury)
12/15/93	13:20	29.56
12/15/93	13:30	29.55
12/15/93	13:40	29.55
12/15/93	13:50	29.56
12/15/93	14:00	29.55
12/15/93	14:10	29.55
12/15/93	14:20	29.55
12/15/93	14:30	29.55
12/15/93	14:40	29.55
12/15/93	14:50	29.55
12/15/93	15:00	29.55
12/15/93	15:10	29.55
12/15/93	15:20	29.55
12/15/93	15:30	29.55
12/15/93	15:40	29.55
12/15/93	15:50	29.55
12/15/93	16:00	29.55
12/15/93	16:10	29.56
12/15/93	16:20	29.56
12/15/93	16:30	29.56
12/15/93	16:40	29.56
12/15/93	16:50	29.56
12/15/93	17:00	29.56
12/15/93	17:10	29.57
12/15/93	17:20	29.57
12/15/93	17:30	29.58
12/15/93	17:40	29.58
12/15/93	17:50	29.59
12/15/93	18:00	29.59
12/15/93	18:10	29.59
12/15/93	18:20	29.59
12/15/93	18:30	29.60
12/15/93	18:40	29.60
12/15/93	18:50	29.60
12/15/93	19:00	29.61
12/15/93	19:10	29.61
12/15/93	19:20	29.61
12/15/93	19:30	29.62
12/15/93	19:40	29.62
12/15/93	19:50	29.62
12/15/93	20:00	29.63
12/15/93	20:10	29.63
12/15/93	20:20	29.64
12/15/93	20:30	29.64
12/15/93	20:40	29.63
12/15/93	20:50	29.64
12/15/93	21:00	29.64
12/15/93	21:10	29.65
12/15/93	21:20	29.65
12/15/93	21:30	29.65
12/15/93	21:40	29.65
12/15/93	21:50	29.65
12/15/93	22:00	29.65
12/15/93	22:10	29.66
12/15/93	22:20	29.66
12/15/93	22:30	29.66

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/15/93	22:40	29.66
12/15/93	22:50	29.65
12/15/93	23:00	29.66
12/15/93	23:10	29.66
12/15/93	23:20	29.66
12/15/93	23:30	29.66
12/15/93	23:40	29.65
12/15/93	23:50	29.65
12/16/93	00:00	29.65
12/16/93	00:10	29.64
12/16/93	00:20	29.64
12/16/93	00:30	29.65
12/16/93	00:40	29.64
12/16/93	00:50	29.65
12/16/93	01:00	29.65
12/16/93	01:10	29.65
12/16/93	01:20	29.65
12/16/93	01:30	29.65
12/16/93	01:40	29.66
12/16/93	01:50	29.66
12/16/93	02:00	29.66
12/16/93	02:10	29.66
12/16/93	02:20	29.66
12/16/93	02:30	29.67
12/16/93	02:40	29.67
12/16/93	02:50	29.67
12/16/93	03:00	29.67
12/16/93	03:10	29.68
12/16/93	03:20	29.67
12/16/93	03:30	29.68
12/16/93	03:40	29.68
12/16/93	03:50	29.68
12/16/93	04:00	29.69
12/16/93	04:10	29.69
12/16/93	04:20	29.69
12/16/93	04:30	29.70
12/16/93	04:40	29.70
12/16/93	04:50	29.70
12/16/93	05:00	29.71
12/16/93	05:10	29.71
12/16/93	05:20	29.71
12/16/93	05:30	29.72
12/16/93	05:40	29.73
12/16/93	05:50	29.73
12/16/93	06:00	29.73
12/16/93	06:10	29.74
12/16/93	06:20	29.74
12/16/93	06:30	29.74
12/16/93	06:40	29.75
12/16/93	06:50	29.75
12/16/93	07:00	29.75
12/16/93	07:10	29.76
12/16/93	07:20	29.76
12/16/93	07:30	29.76
12/16/93	07:40	29.76
12/16/93	07:50	29.77

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/16/93	08:00	29.77
12/16/93	08:10	29.78
12/16/93	08:20	29.78
12/16/93	08:30	29.78
12/16/93	08:40	29.78
12/16/93	08:50	29.78
12/16/93	09:00:00	29.78
12/16/93	09:02:00	29.78
12/16/93	09:04:00	29.78
12/16/93	09:06:00	29.78
12/16/93	09:08:00	29.79
12/16/93	09:10:00	29.79
12/16/93	09:12:00	29.79
12/16/93	09:14:00	29.79
12/16/93	09:16:00	29.79
12/16/93	09:18:00	29.79
12/16/93	09:20:00	29.78
12/16/93	09:22:00	29.79
12/16/93	09:24:00	29.79
12/16/93	09:26:00	29.79
12/16/93	09:28:00	29.79
12/16/93	09:30:00	29.79
12/16/93	09:32:00	29.79
12/16/93	09:34:00	29.79
12/16/93	09:36:00	29.79
12/16/93	09:38:00	29.79
12/16/93	09:40:00	29.79
12/16/93	09:42:00	29.79
12/16/93	09:44:00	29.79
12/16/93	09:46:00	29.79
12/16/93	09:48:00	29.79
12/16/93	09:50:00	29.79
12/16/93	09:52:00	29.79
12/16/93	09:54:00	29.78
12/16/93	09:56:00	29.79
12/16/93	09:58:00	29.79
12/16/93	10:00:00	29.79
12/16/93	10:02:00	29.79
12/16/93	10:04:00	29.79
12/16/93	10:06:00	29.80
12/16/93	10:08:00	29.78
12/16/93	10:10:00	29.79
12/16/93	10:12:00	29.78
12/16/93	10:14:00	29.79
12/16/93	10:16:00	29.78
12/16/93	10:18:00	29.78
12/16/93	10:20:00	29.79
12/16/93	10:22:00	29.78
12/16/93	10:24:00	29.78
12/16/93	10:26:00	29.79
12/16/93	10:28:00	29.79
12/16/93	10:30:00	29.79
12/16/93	10:32:00	29.78
12/16/93	10:34:00	29.78
12/16/93	10:36:00	29.79
12/16/93	10:38:00	29.79

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/16/93	10:40:00	29.78
12/16/93	10:42:00	29.78
12/16/93	10:44:00	29.78
12/16/93	10:46:00	29.78
12/16/93	10:48:00	29.78
12/16/93	10:50:00	29.78
12/16/93	10:52:00	29.78
12/16/93	10:54:00	29.78
12/16/93	10:56:00	29.78
12/16/93	10:58:00	29.78
12/16/93	11:00:00	29.78
12/16/93	11:02:00	29.78
12/16/93	11:04:00	29.78
12/16/93	11:06:00	29.78
12/16/93	11:08:00	29.78
12/16/93	11:10:00	29.78
12/16/93	11:12:00	29.77
12/16/93	11:14:00	29.78
12/16/93	11:16:00	29.78
12/16/93	11:18:00	29.78
12/16/93	11:20:00	29.77
12/16/93	11:22:00	29.77
12/16/93	11:24:00	29.77
12/16/93	11:26:00	29.77
12/16/93	11:28:00	29.77
12/16/93	11:30:00	29.77
12/16/93	11:32:00	29.77
12/16/93	11:34:00	29.77
12/16/93	11:36:00	29.77
12/16/93	11:38:00	29.76
12/16/93	11:40:00	29.77
12/16/93	11:42:00	29.77
12/16/93	11:44:00	29.77
12/16/93	11:50	29.77
12/16/93	12:00	29.77
12/16/93	12:10	29.75
12/16/93	12:20	29.75
12/16/93	12:30	29.74
12/16/93	12:40	29.74
12/16/93	12:50	29.75
12/16/93	13:00	29.74
12/16/93	13:10	29.73
12/16/93	13:20	29.74
12/16/93	13:30	29.73
12/16/93	13:40	29.74
12/16/93	13:50	29.74
12/16/93	14:00	29.74
12/16/93	14:10	29.74
12/16/93	14:20	29.74
12/16/93	14:30	29.74
12/16/93	14:40	29.74
12/16/93	14:50	29.74
12/16/93	15:00	29.74
12/16/93	15:10	29.74
12/16/93	15:20	29.73
12/16/93	15:30	29.74

Barometric Pressure Measurements
Lower Production Zone APT

Date	Time	Barometric Pressure (inches of mercury)
12/16/93	15:40	29.74
12/16/93	15:50	29.74
12/16/93	16:00	29.74
12/16/93	16:10	29.74
12/16/93	16:20	29.74
12/16/93	16:30	29.74
12/16/93	16:40	29.74
12/16/93	16:50	29.74
12/16/93	17:00	29.74
12/16/93	17:10	29.75
12/16/93	17:20	29.75
12/16/93	17:30	29.75
12/16/93	17:40	29.74
12/16/93	17:50	29.76
12/16/93	18:00	29.75
12/16/93	18:10	29.76
12/16/93	18:20	29.77
12/16/93	18:30	29.78
12/16/93	18:40	29.78
12/16/93	18:50	29.78
12/16/93	19:00	29.79
12/16/93	19:10	29.79
12/16/93	19:20	29.78
12/16/93	19:30	29.79
12/16/93	19:40	29.80
12/16/93	19:50	29.80
12/16/93	20:00	29.81
12/16/93	20:10	29.81
12/16/93	20:20	29.82
12/16/93	20:30	29.82
12/16/93	20:40	29.82
12/16/93	20:50	29.82
12/16/93	21:00	29.83
12/16/93	21:10	29.83
12/16/93	21:20	29.84
12/16/93	21:30	29.84
12/16/93	21:40	29.84
12/16/93	21:50	29.84
12/16/93	22:00	29.84
12/16/93	22:10	29.84
12/16/93	22:20	29.85
12/16/93	22:30	29.84
12/16/93	22:40	29.84
12/16/93	22:50	29.84
12/16/93	23:00	29.85
12/16/93	23:10	29.84
12/16/93	23:20	29.84
12/16/93	23:30	29.84
12/16/93	23:40	29.84
12/16/93	23:50	29.84
12/17/93	00:00	29.84
12/17/93	00:10	29.83
12/17/93	00:20	29.83
12/17/93	00:30	29.83
12/17/93	00:40	29.83
12/17/93	00:50	29.83

**Barometric Pressure Measurements
Lower Production Zone APT**

Date	Time	Barometric Pressure (inches of mercury)
12/17/93	01:00	29.82
12/17/93	01:10	29.82
12/17/93	01:20	29.82
12/17/93	01:30	29.82
12/17/93	01:40	29.82
12/17/93	01:50	29.82
12/17/93	02:00	29.82
12/17/93	02:10	29.82
12/17/93	02:20	29.82
12/17/93	02:30	29.82
12/17/93	02:40	29.82
12/17/93	02:50	29.83
12/17/93	03:00	29.82
12/17/93	03:10	29.82
12/17/93	03:20	29.82
12/17/93	03:30	29.83
12/17/93	03:40	29.84
12/17/93	03:50	29.84
12/17/93	04:00	29.84
12/17/93	04:10	29.84
12/17/93	04:20	29.84
12/17/93	04:30	29.84
12/17/93	04:40	29.85
12/17/93	04:50	29.85
12/17/93	05:00	29.85
12/17/93	05:10	29.85
12/17/93	05:20	29.86
12/17/93	05:30	29.86
12/17/93	05:40	29.86
12/17/93	05:50	29.87
12/17/93	06:00	29.88
12/17/93	06:10	29.88
12/17/93	06:20	29.88
12/17/93	06:30	29.88
12/17/93	06:40	29.88
12/17/93	06:50	29.88
12/17/93	07:00	29.89
12/17/93	07:10	29.89
12/17/93	07:20	29.89
12/17/93	07:30	29.90
12/17/93	07:40	29.90
12/17/93	07:50	29.90
12/17/93	08:00	29.91
12/17/93	08:10	29.90
12/17/93	08:20	29.90
12/17/93	08:30	29.90
12/17/93	08:40	29.90
12/17/93	08:50	29.90
12/17/93	09:00	29.90
12/17/93	09:10	29.91
12/17/93	09:20	29.91
12/17/93	09:30	29.91
12/17/93	09:40	29.92
12/17/93	09:50	29.93
12/17/93	10:00	29.92

APPENDIX F
COMPUTER MODEL OUTPUT FILES

1 U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER MODEL
 1Indiantown Cogeneration Project; Floridan Aquifer Well Impact Analysis Calculation Geol-004; Case 01
 3 LAYERS 86 ROWS 86 COLUMNS

1 STRESS PERIOD(S) IN SIMULATION
 MODEL TIME UNIT IS DAYS

0I/O UNITS:

ELEMENT OF IUNIT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 I/O UNIT: 11 12 0 0 0 0 0 0 0 20 0 22 0 0 0 0 0 0 0 0 0 0 0

0BAS1 -- BASIC MODEL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 1
 ARRAYS RHS AND BUFF WILL SHARE MEMORY.

START HEAD WILL NOT BE SAVED -- DRAWDOWN CANNOT BE CALCULATED
 192480 ELEMENTS IN X ARRAY ARE USED BY BAS

192480 ELEMENTS OF X ARRAY USED OUT OF 700000

0BCF2 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 2, 7/1/91 INPUT READ FROM UNIT 11
 TRANSIENT SIMULATION

HEAD AT CELLS THAT CONVERT TO DRY= 999.99

WETTING CAPABILITY IS NOT ACTIVE

LAYER AQUIFER TYPE

```

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1      0
2      0
3      0
  
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22191 ELEMENTS IN X ARRAY ARE USED BY BCF

214671 ELEMENTS OF X ARRAY USED OUT OF 700000

0WELL -- WELL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM 12
 MAXIMUM OF 6 WELLS

24 ELEMENTS IN X ARRAY ARE USED FOR WELLS

214695 ELEMENTS OF X ARRAY USED OUT OF 700000

0PCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2, 5/1/88

MAXIMUM OF 100 CALLS OF SOLUTION ROUTINE

MAXIMUM OF 99 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE

MATRIX PRECONDITIONING TYPE : 2

145764 ELEMENTS IN X ARRAY ARE USED BY PCG

360459 ELEMENTS OF X ARRAY USED OUT OF 700000

1Indiantown Cogeneration Project; Floridan Aquifer Well Impact Analysis Calculation Geol-004; Case 01

0 BOUNDARY ARRAY = 1 FOR LAYER 1
 0 BOUNDARY ARRAY = 1 FOR LAYER 2
 0 BOUNDARY ARRAY = 1 FOR LAYER 3

0AQUIFER HEAD WILL BE SET TO 0.00000 AT ALL NO-FLOW NODES (IBOUND=0).
 0 INITIAL HEAD = 0.0000000 FOR LAYER 1
 0 INITIAL HEAD = 0.0000000 FOR LAYER 2
 0 INITIAL HEAD = 0.0000000 FOR LAYER 3

0HEAD PRINT FORMAT IS FORMAT NUMBER 4 DRAWDOWN PRINT FORMAT IS FORMAT NUMBER 4

0HEADS WILL BE SAVED ON UNIT 30 DRAWDOWNS WILL BE SAVED ON UNIT 0

0OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP

0 COLUMN TO ROW ANISOTROPY = 1.000000

 DELR WILL BE READ ON UNIT 11 USING FORMAT: (10E12.4)

90000.	60000.	40000.	30000.	20000.	15000.	10000.	8000.0	6000.0	4000.0
3000.0	2000.0	1500.0	1000.0	800.00	600.00	400.00	300.00	200.00	150.00

100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
600.00	800.00	1000.0	1500.0	2000.0	3000.0	4000.0	6000.0	8000.0	10000.0	15000.0
15000.	20000.	30000.	40000.	60000.	90000.					

0

 DELC WILL BE READ ON UNIT 11 USING FORMAT: (10E12.4)

90000.	60000.	40000.	30000.	20000.	15000.	10000.	8000.0	6000.0	4000.0
3000.0	2000.0	1500.0	1000.0	800.00	600.00	400.00	300.00	200.00	150.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	150.00	200.00	300.00	400.00
600.00	800.00	1000.0	1500.0	2000.0	3000.0	4000.0	6000.0	8000.0	10000.
15000.	20000.	30000.	40000.	60000.	90000.				

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0

PRIMARY STORAGE COEF = 0.3200000 FOR LAYER 1
 TRANSMIS. ALONG ROWS = 750.0000 FOR LAYER 1
 VERT HYD COND /THICKNESS = 0.1000000E-04 FOR LAYER 1
 PRIMARY STORAGE COEF = 0.3000000E-03 FOR LAYER 2
 TRANSMIS. ALONG ROWS = 27360.00 FOR LAYER 2
 VERT HYD COND /THICKNESS = 0.3200000E-02 FOR LAYER 2
 PRIMARY STORAGE COEF = 0.1300000E-03 FOR LAYER 3
 TRANSMIS. ALONG ROWS = 309600.0 FOR LAYER 3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

0

1

MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 100
 MAXIMUM ITERATIONS PER CALL TO PCG = 99
 MATRIX PRECONDITIONING TYPE = 2
 THE MATRIX WILL BE SCALED
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.50000E-02
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.50000E-02
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 999
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 2
 STRESS PERIOD NO. 1, LENGTH = 75.00000

 NUMBER OF TIME STEPS = 50

MULTIPLIER FOR DELT = 1.100

INITIAL TIME STEP SIZE = 0.6443800E-01

0

6 WELLS

LAYER	ROW	COL	STRESS RATE	WELL NO.
3	57	45	-0.14904E+06	1
3	32	58	-0.14904E+06	2
3	60	43	-0.14904E+06	3
2	56	41	-28875.	4
2	38	60	-28875.	5
3	45	54	-0.14904E+06	6

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

 0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0
 OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE


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-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0  TOTAL BUDGET PRINTOUT FLAG = 0  CELL-BY-CELL FLOW TERM FLAG = 0  
OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
HEAD   DRAWDOWN HEAD DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE
```


	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.06	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07
	-1.07	-1.07	-1.07	-1.07	-1.07	-1.06	-1.06	-1.06	-1.06	-1.05	-1.05	-1.05	-1.03	-1.02	-0.99	-0.95
0 14	-0.89	-0.82	-0.74	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.47	-0.56	-0.64	-0.73	-0.81	-0.88	-0.94	-0.98	-1.01	-1.04	
	-1.06	-1.07	-1.08	-1.08	-1.09	-1.09	-1.09	-1.10	-1.10	-1.10	-1.10	-1.11	-1.11	-1.11	-1.11	
	-1.11	-1.11	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	
	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	-1.14	-1.14	-1.14	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	
	-1.13	-1.13	-1.13	-1.13	-1.13	-1.13	-1.12	-1.12	-1.12	-1.11	-1.10	-1.10	-1.08	-1.06	-1.02	-0.97
0 15	-0.91	-0.84	-0.75	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.47	-0.56	-0.65	-0.73	-0.82	-0.89	-0.95	-1.00	-1.04	-1.07	
	-1.09	-1.10	-1.11	-1.12	-1.13	-1.13	-1.13	-1.14	-1.14	-1.14	-1.14	-1.15	-1.15	-1.15	-1.15	-1.16
	-1.16	-1.16	-1.16	-1.17	-1.17	-1.17	-1.17	-1.17	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.19
	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19	-1.19
	-1.19	-1.19	-1.18	-1.18	-1.18	-1.18	-1.18	-1.17	-1.17	-1.16	-1.14	-1.12	-1.09	-1.05	-0.99	
0 16	-0.92	-0.84	-0.75	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.89	-0.96	-1.01	-1.05	-1.09	
	-1.11	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.19	-1.19	-1.20
	-1.20	-1.20	-1.20	-1.21	-1.21	-1.21	-1.22	-1.22	-1.22	-1.22	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
	-1.24	-1.24	-1.23	-1.23	-1.23	-1.23	-1.23	-1.22	-1.21	-1.20	-1.18	-1.15	-1.12	-1.07	-1.00	
0 17	-0.93	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.97	-1.02	-1.07	-1.10	
	-1.13	-1.15	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.20	-1.21	-1.21	-1.21	-1.22	-1.22	-1.22	-1.23
	-1.23	-1.23	-1.24	-1.24	-1.24	-1.25	-1.25	-1.25	-1.26	-1.26	-1.26	-1.27	-1.27	-1.27	-1.27	-1.27
	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.28	-1.28
	-1.28	-1.28	-1.28	-1.27	-1.27	-1.27	-1.27	-1.26	-1.25	-1.23	-1.21	-1.18	-1.13	-1.08	-1.01	
0 18	-0.93	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.97	-1.03	-1.07	-1.11	
	-1.14	-1.16	-1.18	-1.19	-1.20	-1.21	-1.21	-1.22	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25
	-1.25	-1.26	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.28	-1.29	-1.29	-1.29	-1.30	-1.30	-1.30	-1.30
	-1.31	-1.31	-1.31	-1.31	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
	-1.32	-1.31	-1.31	-1.31	-1.30	-1.30	-1.30	-1.29	-1.28	-1.26	-1.23	-1.19	-1.15	-1.09	-1.02	
0 19	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.97	-1.03	-1.08	-1.12	
	-1.15	-1.17	-1.19	-1.20	-1.21	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.26	-1.26
	-1.27	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.32	-1.33	-1.33
	-1.33	-1.33	-1.34	-1.34	-1.34	-1.34	-1.34	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35	-1.35
	-1.34	-1.34	-1.34	-1.33	-1.33	-1.33	-1.32	-1.31	-1.30	-1.28	-1.25	-1.20	-1.15	-1.09	-1.02	
0 20	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.90	-0.97	-1.03	-1.08	-1.12	
	-1.16	-1.18	-1.20	-1.21	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.27
	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.34	-1.34
	-1.35	-1.35	-1.36	-1.36	-1.36	-1.36	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37	-1.37
	-1.36	-1.36	-1.36	-1.35	-1.35	-1.35	-1.34	-1.33	-1.31	-1.29	-1.26	-1.21	-1.16	-1.10	-1.02	
0 21	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.90	-0.98	-1.04	-1.09	-1.13	
	-1.16	-1.19	-1.20	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.28
	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36
	-1.36	-1.36	-1.37	-1.37	-1.38	-1.38	-1.38	-1.38	-1.38	-1.39	-1.39	-1.39	-1.39	-1.39	-1.38	-1.38
	-1.38	-1.38	-1.37	-1.37	-1.36	-1.36	-1.35	-1.34	-1.32	-1.30	-1.26	-1.22	-1.16	-1.10	-1.02	
0 22	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11					
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13	
	-1.16	-1.19	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.29

	-1.29	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37
	-1.37	-1.38	-1.38	-1.38	-1.39	-1.39	-1.39	-1.40	-1.40	-1.40	-1.40	-1.40	-1.40	-1.40	-1.40
	-1.39	-1.39	-1.39	-1.38	-1.38	-1.37	-1.36	-1.35	-1.33	-1.31	-1.27	-1.22	-1.17	-1.10	-1.03
0 23	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.17	-1.19	-1.21	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30
	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37	-1.37	-1.38
	-1.38	-1.39	-1.39	-1.40	-1.40	-1.40	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41
	-1.41	-1.40	-1.40	-1.40	-1.39	-1.38	-1.38	-1.36	-1.34	-1.32	-1.28	-1.23	-1.17	-1.10	-1.03
0 24	-0.94	-0.85	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.17	-1.20	-1.22	-1.23	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30
	-1.31	-1.31	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38	-1.39
	-1.39	-1.40	-1.40	-1.41	-1.41	-1.42	-1.42	-1.42	-1.42	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43
	-1.42	-1.42	-1.41	-1.41	-1.40	-1.40	-1.39	-1.37	-1.35	-1.32	-1.28	-1.23	-1.17	-1.10	-1.03
0 25	-0.94	-0.86	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.14
	-1.17	-1.20	-1.22	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31
	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37	-1.38	-1.38	-1.39	-1.39	-1.40
	-1.40	-1.41	-1.41	-1.42	-1.42	-1.43	-1.43	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44
	-1.44	-1.43	-1.43	-1.42	-1.42	-1.41	-1.40	-1.38	-1.36	-1.33	-1.29	-1.23	-1.17	-1.11	-1.03
0 26	-0.94	-0.86	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.10	-1.14
	-1.18	-1.20	-1.22	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32
	-1.32	-1.33	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38	-1.39	-1.40	-1.40	-1.41
	-1.41	-1.42	-1.43	-1.43	-1.44	-1.44	-1.45	-1.45	-1.45	-1.46	-1.46	-1.46	-1.46	-1.46	-1.46
	-1.46	-1.45	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.37	-1.34	-1.29	-1.24	-1.18	-1.11	-1.03
0 27	-0.95	-0.86	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.10	-1.14
	-1.18	-1.21	-1.23	-1.24	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.32
	-1.33	-1.34	-1.34	-1.35	-1.36	-1.36	-1.37	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.41	-1.42
	-1.43	-1.43	-1.44	-1.44	-1.45	-1.46	-1.46	-1.47	-1.47	-1.47	-1.48	-1.48	-1.48	-1.48	-1.48
	-1.47	-1.47	-1.46	-1.45	-1.45	-1.44	-1.43	-1.41	-1.38	-1.35	-1.30	-1.24	-1.18	-1.11	-1.03
0 28	-0.95	-0.86	-0.76	-0.66	-0.57	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.14
	-1.18	-1.21	-1.23	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.33
	-1.34	-1.34	-1.35	-1.36	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.40	-1.41	-1.42	-1.42	-1.43
	-1.44	-1.44	-1.45	-1.46	-1.46	-1.47	-1.48	-1.48	-1.49	-1.49	-1.50	-1.50	-1.50	-1.50	-1.50
	-1.49	-1.49	-1.48	-1.47	-1.46	-1.45	-1.44	-1.42	-1.39	-1.35	-1.30	-1.25	-1.18	-1.11	-1.03
0 29	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.15
	-1.18	-1.21	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.33	-1.34
	-1.34	-1.35	-1.36	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.43	-1.44
	-1.45	-1.46	-1.46	-1.47	-1.48	-1.48	-1.49	-1.50	-1.50	-1.51	-1.52	-1.52	-1.52	-1.52	-1.52
	-1.51	-1.51	-1.50	-1.49	-1.48	-1.47	-1.45	-1.43	-1.40	-1.36	-1.31	-1.25	-1.18	-1.11	-1.03
0 30	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.15
	-1.19	-1.22	-1.24	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34
	-1.35	-1.36	-1.36	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.42	-1.43	-1.44	-1.44	-1.45
	-1.46	-1.47	-1.48	-1.48	-1.49	-1.50	-1.51	-1.52	-1.52	-1.53	-1.54	-1.54	-1.54	-1.54	-1.54
	-1.54	-1.53	-1.52	-1.51	-1.50	-1.48	-1.47	-1.44	-1.41	-1.37	-1.31	-1.25	-1.19	-1.11	-1.03
0 31	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.15
	-1.19	-1.22	-1.24	-1.26	-1.27	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35

	-1.36	-1.36	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.42	-1.43	-1.44	-1.45	-1.46	-1.46
	-1.47	-1.48	-1.49	-1.50	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.56	-1.57	-1.57	-1.57
	-1.56	-1.55	-1.54	-1.53	-1.52	-1.50	-1.48	-1.46	-1.42	-1.37	-1.32	-1.25	-1.19	-1.11	-1.04
	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 32	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.15
	-1.19	-1.22	-1.25	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.34	-1.35	-1.36
	-1.36	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.43	-1.43	-1.44	-1.45	-1.46	-1.47	-1.47
	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58	-1.59	-1.60	-1.60	-1.60
	-1.59	-1.58	-1.57	-1.55	-1.54	-1.52	-1.50	-1.47	-1.43	-1.38	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 33	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.15
	-1.20	-1.23	-1.25	-1.27	-1.28	-1.29	-1.30	-1.31	-1.31	-1.32	-1.33	-1.34	-1.35	-1.35	-1.36
	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.43	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.48
	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.57	-1.58	-1.59	-1.61	-1.62	-1.63	-1.63	-1.63
	-1.63	-1.61	-1.59	-1.58	-1.56	-1.53	-1.51	-1.48	-1.44	-1.39	-1.33	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 34	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.23	-1.25	-1.27	-1.29	-1.30	-1.30	-1.31	-1.32	-1.33	-1.34	-1.34	-1.35	-1.36	-1.37
	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.49
	-1.50	-1.51	-1.52	-1.53	-1.54	-1.56	-1.57	-1.58	-1.60	-1.61	-1.63	-1.65	-1.66	-1.67	-1.67
	-1.66	-1.65	-1.62	-1.60	-1.57	-1.55	-1.52	-1.49	-1.44	-1.39	-1.33	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 35	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.23	-1.26	-1.28	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38
	-1.38	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.50
	-1.51	-1.52	-1.53	-1.54	-1.56	-1.57	-1.58	-1.60	-1.62	-1.64	-1.66	-1.68	-1.70	-1.72	-1.73
	-1.71	-1.69	-1.65	-1.62	-1.59	-1.57	-1.54	-1.50	-1.45	-1.40	-1.33	-1.26	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 36	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.24	-1.26	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.36	-1.37	-1.38
	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.50	-1.51
	-1.52	-1.53	-1.54	-1.55	-1.57	-1.58	-1.60	-1.61	-1.63	-1.65	-1.68	-1.71	-1.75	-1.78	-1.80
	-1.77	-1.73	-1.69	-1.65	-1.61	-1.58	-1.55	-1.51	-1.46	-1.40	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 37	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.24	-1.26	-1.28	-1.30	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39
	-1.40	-1.41	-1.42	-1.43	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.51	-1.52
	-1.53	-1.54	-1.55	-1.56	-1.58	-1.59	-1.61	-1.62	-1.64	-1.67	-1.70	-1.74	-1.79	-1.86	-1.93
	-1.85	-1.77	-1.71	-1.66	-1.62	-1.59	-1.55	-1.51	-1.46	-1.40	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 38	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40
	-1.41	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.51	-1.52	-1.53
	-1.54	-1.55	-1.56	-1.57	-1.58	-1.60	-1.61	-1.63	-1.65	-1.68	-1.71	-1.76	-1.82	-1.94	-2.19
	-1.93	-1.80	-1.73	-1.67	-1.63	-1.60	-1.56	-1.51	-1.46	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 39	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40
	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.52	-1.53	-1.54
	-1.55	-1.56	-1.57	-1.58	-1.59	-1.60	-1.62	-1.64	-1.66	-1.68	-1.71	-1.75	-1.80	-1.87	-1.93
	-1.86	-1.78	-1.72	-1.67	-1.63	-1.60	-1.56	-1.52	-1.47	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 40	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41

	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.52	-1.53	-1.54	-1.55
	-1.56	-1.57	-1.58	-1.59	-1.60	-1.61	-1.62	-1.64	-1.66	-1.68	-1.70	-1.73	-1.77	-1.80	-1.82
	-1.79	-1.75	-1.70	-1.66	-1.62	-1.59	-1.56	-1.52	-1.47	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 41	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.31	-1.33	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42
	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.53	-1.54	-1.55	-1.56
	-1.57	-1.57	-1.58	-1.59	-1.60	-1.61	-1.62	-1.64	-1.65	-1.67	-1.69	-1.71	-1.73	-1.75	-1.75
	-1.74	-1.71	-1.68	-1.64	-1.61	-1.59	-1.55	-1.51	-1.47	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 42	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42
	-1.43	-1.44	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.54	-1.55	-1.56	-1.57
	-1.57	-1.58	-1.59	-1.60	-1.60	-1.61	-1.62	-1.64	-1.65	-1.66	-1.68	-1.69	-1.70	-1.71	-1.71
	-1.70	-1.68	-1.65	-1.63	-1.60	-1.58	-1.55	-1.51	-1.46	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 43	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.43
	-1.44	-1.45	-1.46	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.55	-1.56	-1.57	-1.58
	-1.58	-1.59	-1.59	-1.60	-1.61	-1.62	-1.62	-1.63	-1.64	-1.65	-1.66	-1.67	-1.68	-1.68	-1.68
	-1.67	-1.65	-1.63	-1.61	-1.59	-1.57	-1.54	-1.51	-1.46	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 44	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.25	-1.28	-1.31	-1.32	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.46	-1.47	-1.48	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.57	-1.58	-1.58
	-1.59	-1.59	-1.60	-1.60	-1.61	-1.62	-1.62	-1.63	-1.63	-1.64	-1.65	-1.65	-1.66	-1.66	-1.65
	-1.64	-1.63	-1.61	-1.59	-1.58	-1.56	-1.53	-1.50	-1.46	-1.41	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 45	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43	-1.44
	-1.45	-1.47	-1.48	-1.49	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58	-1.58	-1.59	-1.59
	-1.60	-1.60	-1.60	-1.61	-1.61	-1.62	-1.62	-1.62	-1.63	-1.63	-1.63	-1.64	-1.64	-1.63	-1.63
	-1.62	-1.61	-1.60	-1.58	-1.56	-1.55	-1.52	-1.49	-1.45	-1.40	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 46	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.42	-1.44	-1.45
	-1.46	-1.48	-1.49	-1.50	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58	-1.59	-1.59	-1.60	-1.60
	-1.61	-1.61	-1.61	-1.61	-1.61	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-1.62	-1.61
	-1.60	-1.59	-1.58	-1.57	-1.55	-1.53	-1.51	-1.49	-1.45	-1.40	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 47	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.41	-1.43	-1.44	-1.45
	-1.47	-1.48	-1.50	-1.51	-1.53	-1.54	-1.55	-1.57	-1.58	-1.59	-1.60	-1.60	-1.61	-1.61	-1.61
	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.60	-1.60
	-1.59	-1.58	-1.57	-1.55	-1.54	-1.52	-1.51	-1.48	-1.44	-1.40	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 48	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43	-1.45	-1.46
	-1.48	-1.49	-1.51	-1.52	-1.54	-1.55	-1.57	-1.58	-1.59	-1.61	-1.61	-1.62	-1.62	-1.62	-1.62
	-1.62	-1.62	-1.62	-1.62	-1.62	-1.61	-1.61	-1.61	-1.61	-1.61	-1.61	-1.60	-1.60	-1.59	-1.58
	-1.57	-1.56	-1.55	-1.54	-1.53	-1.51	-1.50	-1.47	-1.44	-1.39	-1.34	-1.27	-1.20	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 49	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.33	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44	-1.45	-1.47

	-1.48	-1.50	-1.51	-1.53	-1.55	-1.57	-1.58	-1.60	-1.61	-1.62	-1.63	-1.64	-1.64	-1.64	-1.64
	-1.63	-1.63	-1.63	-1.62	-1.62	-1.61	-1.61	-1.61	-1.61	-1.60	-1.59	-1.59	-1.58	-1.58	-1.57
	-1.56	-1.55	-1.54	-1.53	-1.52	-1.50	-1.49	-1.47	-1.43	-1.39	-1.34	-1.27	-1.20	-1.12	-1.04
0 50	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.33	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44	-1.45	-1.47
	-1.49	-1.50	-1.52	-1.54	-1.56	-1.58	-1.60	-1.62	-1.63	-1.65	-1.65	-1.66	-1.66	-1.66	-1.65
	-1.64	-1.64	-1.63	-1.62	-1.62	-1.61	-1.61	-1.60	-1.60	-1.59	-1.59	-1.58	-1.57	-1.57	-1.56
	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.48	-1.46	-1.43	-1.39	-1.33	-1.27	-1.20	-1.12	-1.04
0 51	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.44	-1.46	-1.47
	-1.49	-1.51	-1.53	-1.55	-1.57	-1.59	-1.62	-1.64	-1.66	-1.67	-1.68	-1.68	-1.68	-1.67	-1.67
	-1.66	-1.65	-1.64	-1.63	-1.62	-1.61	-1.60	-1.60	-1.59	-1.58	-1.58	-1.57	-1.56	-1.56	-1.55
	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.47	-1.45	-1.42	-1.38	-1.33	-1.27	-1.20	-1.12	-1.04
0 52	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.44	-1.46	-1.48
	-1.50	-1.52	-1.54	-1.56	-1.58	-1.61	-1.63	-1.66	-1.68	-1.70	-1.72	-1.72	-1.71	-1.70	-1.68
	-1.67	-1.65	-1.64	-1.63	-1.62	-1.61	-1.60	-1.59	-1.58	-1.58	-1.57	-1.56	-1.55	-1.55	-1.54
	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.46	-1.44	-1.42	-1.38	-1.33	-1.26	-1.20	-1.12	-1.04
0 53	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.42	-1.43	-1.45	-1.46	-1.48
	-1.50	-1.52	-1.54	-1.57	-1.59	-1.62	-1.65	-1.68	-1.72	-1.74	-1.76	-1.76	-1.74	-1.72	-1.70
	-1.68	-1.66	-1.64	-1.63	-1.62	-1.61	-1.60	-1.59	-1.58	-1.57	-1.56	-1.55	-1.55	-1.54	-1.53
	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.20	-1.12	-1.04
0 54	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.42	-1.43	-1.45	-1.46	-1.48
	-1.50	-1.52	-1.55	-1.57	-1.60	-1.63	-1.67	-1.71	-1.75	-1.80	-1.83	-1.81	-1.77	-1.74	-1.71
	-1.68	-1.66	-1.65	-1.63	-1.62	-1.60	-1.59	-1.58	-1.57	-1.56	-1.55	-1.55	-1.54	-1.53	-1.52
	-1.51	-1.50	-1.49	-1.48	-1.47	-1.46	-1.45	-1.43	-1.40	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
0 55	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.42	-1.43	-1.45	-1.46	-1.48
	-1.50	-1.52	-1.55	-1.57	-1.60	-1.64	-1.68	-1.73	-1.79	-1.87	-1.94	-1.88	-1.81	-1.76	-1.72
	-1.69	-1.66	-1.64	-1.63	-1.61	-1.60	-1.59	-1.58	-1.57	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51
	-1.50	-1.49	-1.48	-1.47	-1.46	-1.45	-1.44	-1.42	-1.40	-1.36	-1.32	-1.26	-1.19	-1.12	-1.04
0 56	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.32	-1.33	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.45	-1.46	-1.48
	-1.50	-1.52	-1.55	-1.57	-1.60	-1.64	-1.68	-1.73	-1.81	-1.93	-2.20	-1.94	-1.83	-1.76	-1.72
	-1.69	-1.66	-1.64	-1.62	-1.61	-1.59	-1.58	-1.57	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50
	-1.49	-1.48	-1.47	-1.47	-1.46	-1.45	-1.43	-1.42	-1.39	-1.36	-1.31	-1.26	-1.19	-1.12	-1.04
0 57	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.43	-1.44	-1.46	-1.48
	-1.50	-1.52	-1.54	-1.57	-1.60	-1.63	-1.67	-1.72	-1.78	-1.86	-1.94	-1.87	-1.80	-1.75	-1.71
	-1.68	-1.65	-1.63	-1.61	-1.60	-1.58	-1.57	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49
	-1.48	-1.48	-1.47	-1.46	-1.45	-1.44	-1.43	-1.41	-1.39	-1.35	-1.31	-1.25	-1.19	-1.12	-1.04
0 58	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.34	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.44	-1.46	-1.47

	-1.49	-1.51	-1.54	-1.56	-1.59	-1.62	-1.66	-1.69	-1.74	-1.78	-1.81	-1.79	-1.76	-1.72	-1.69
	-1.66	-1.64	-1.62	-1.60	-1.59	-1.58	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48
	-1.48	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.40	-1.38	-1.35	-1.31	-1.25	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 59	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.22	-1.26	-1.29	-1.31	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.41	-1.42	-1.44	-1.45	-1.47
	-1.49	-1.51	-1.53	-1.55	-1.58	-1.60	-1.63	-1.66	-1.70	-1.72	-1.74	-1.73	-1.71	-1.69	-1.67
	-1.65	-1.63	-1.61	-1.59	-1.58	-1.57	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.48
	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.37	-1.34	-1.30	-1.25	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 60	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.31	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.42	-1.43	-1.45	-1.46
	-1.48	-1.50	-1.52	-1.54	-1.56	-1.58	-1.61	-1.63	-1.66	-1.68	-1.69	-1.68	-1.67	-1.66	-1.64
	-1.63	-1.61	-1.59	-1.58	-1.57	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.48	-1.47
	-1.46	-1.45	-1.44	-1.43	-1.42	-1.42	-1.40	-1.39	-1.37	-1.34	-1.30	-1.24	-1.18	-1.11	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 61	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.31	-1.32	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44	-1.45
	-1.47	-1.49	-1.51	-1.53	-1.55	-1.57	-1.59	-1.61	-1.62	-1.64	-1.64	-1.64	-1.64	-1.63	-1.62
	-1.60	-1.59	-1.58	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.47	-1.46
	-1.45	-1.44	-1.43	-1.42	-1.42	-1.41	-1.40	-1.38	-1.36	-1.33	-1.29	-1.24	-1.18	-1.11	-1.04
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 62	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43	-1.45
	-1.46	-1.48	-1.49	-1.51	-1.53	-1.55	-1.56	-1.58	-1.59	-1.60	-1.61	-1.61	-1.61	-1.60	-1.59
	-1.58	-1.57	-1.56	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.47	-1.46	-1.45
	-1.44	-1.43	-1.42	-1.42	-1.41	-1.40	-1.39	-1.38	-1.36	-1.33	-1.29	-1.24	-1.18	-1.11	-1.03
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 63	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.47	-1.48	-1.50	-1.51	-1.53	-1.54	-1.55	-1.57	-1.57	-1.58	-1.58	-1.58	-1.58	-1.57
	-1.56	-1.55	-1.54	-1.53	-1.52	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.46	-1.46	-1.45	-1.44
	-1.43	-1.42	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.35	-1.32	-1.28	-1.24	-1.18	-1.11	-1.03
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 64	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.30	-1.31	-1.32	-1.33	-1.34	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.43
	-1.44	-1.45	-1.47	-1.48	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.55	-1.56	-1.56	-1.55	-1.55
	-1.54	-1.53	-1.53	-1.52	-1.51	-1.50	-1.49	-1.49	-1.48	-1.47	-1.46	-1.45	-1.45	-1.44	-1.43
	-1.42	-1.42	-1.41	-1.40	-1.39	-1.38	-1.38	-1.36	-1.34	-1.32	-1.28	-1.23	-1.18	-1.11	-1.03
	-0.95	-0.86	-0.76	-0.67	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 65	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42
	-1.43	-1.44	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.53	-1.53	-1.53	-1.53	-1.53
	-1.52	-1.52	-1.51	-1.50	-1.50	-1.49	-1.48	-1.47	-1.47	-1.46	-1.45	-1.44	-1.44	-1.43	-1.42
	-1.41	-1.41	-1.40	-1.39	-1.38	-1.38	-1.37	-1.36	-1.34	-1.31	-1.28	-1.23	-1.17	-1.11	-1.03
	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 66	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.24	-1.27	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.38	-1.39	-1.40	-1.41
	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.51	-1.51	-1.51	-1.51	-1.51
	-1.50	-1.50	-1.49	-1.49	-1.48	-1.48	-1.47	-1.46	-1.45	-1.45	-1.44	-1.43	-1.43	-1.42	-1.41
	-1.41	-1.40	-1.39	-1.38	-1.38	-1.37	-1.36	-1.35	-1.33	-1.31	-1.27	-1.23	-1.17	-1.11	-1.03
	-0.95	-0.86	-0.76	-0.66	-0.58	-0.48	-0.39	-0.31	-0.23	-0.16	-0.11				
0 67	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.23	-1.26	-1.28	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40

	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.17	-1.17	-1.17	-1.16	-1.14	-1.12	-1.09	-1.05	-0.99
0 16	-0.92	-0.84	-0.76	-0.66	-0.57	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.96	-1.01	-1.06	-1.09
	-1.11	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.17	-1.18	-1.18	-1.18	-1.19	-1.19	-1.19
	-1.20	-1.20	-1.20	-1.21	-1.21	-1.21	-1.21	-1.22	-1.22	-1.22	-1.22	-1.23	-1.23	-1.23	-1.23
	-1.23	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
	-1.23	-1.23	-1.23	-1.23	-1.23	-1.22	-1.22	-1.22	-1.21	-1.20	-1.18	-1.15	-1.11	-1.06	-1.00
0 17	-0.93	-0.85	-0.76	-0.66	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.97	-1.02	-1.07	-1.10
	-1.13	-1.15	-1.16	-1.17	-1.18	-1.19	-1.19	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.22
	-1.23	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.25	-1.26	-1.26	-1.26	-1.26	-1.27	-1.27	-1.27
	-1.27	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
	-1.28	-1.27	-1.27	-1.27	-1.27	-1.26	-1.26	-1.25	-1.24	-1.23	-1.20	-1.17	-1.13	-1.08	-1.01
0 18	-0.94	-0.85	-0.76	-0.66	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.90	-0.97	-1.03	-1.07	-1.11
	-1.14	-1.16	-1.18	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.23	-1.23	-1.24	-1.24
	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.27	-1.28	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30
	-1.30	-1.31	-1.31	-1.31	-1.31	-1.31	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.31	-1.31
	-1.31	-1.31	-1.30	-1.30	-1.30	-1.29	-1.29	-1.28	-1.27	-1.25	-1.22	-1.18	-1.14	-1.08	-1.02
0 19	-0.94	-0.85	-0.76	-0.67	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.97	-1.03	-1.08	-1.12
	-1.15	-1.17	-1.19	-1.20	-1.21	-1.22	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26
	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.32
	-1.33	-1.33	-1.33	-1.34	-1.34	-1.34	-1.34	-1.34	-1.35	-1.35	-1.35	-1.34	-1.34	-1.34	-1.34
	-1.34	-1.33	-1.33	-1.32	-1.32	-1.31	-1.31	-1.30	-1.28	-1.26	-1.23	-1.19	-1.15	-1.09	-1.02
0 20	-0.94	-0.86	-0.76	-0.67	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.08	-1.12
	-1.15	-1.18	-1.20	-1.21	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27
	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34
	-1.34	-1.35	-1.35	-1.36	-1.36	-1.36	-1.36	-1.36	-1.37	-1.37	-1.37	-1.37	-1.36	-1.36	-1.36
	-1.36	-1.35	-1.35	-1.34	-1.34	-1.33	-1.32	-1.31	-1.30	-1.28	-1.24	-1.20	-1.15	-1.09	-1.02
0 21	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.18	-1.20	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28
	-1.28	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35
	-1.36	-1.36	-1.37	-1.37	-1.37	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38
	-1.37	-1.37	-1.36	-1.36	-1.35	-1.34	-1.34	-1.32	-1.31	-1.28	-1.25	-1.21	-1.16	-1.10	-1.03
0 22	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.19	-1.20	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28
	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36
	-1.37	-1.37	-1.38	-1.38	-1.38	-1.39	-1.39	-1.39	-1.40	-1.40	-1.40	-1.40	-1.40	-1.39	-1.39
	-1.39	-1.38	-1.37	-1.37	-1.36	-1.35	-1.35	-1.33	-1.31	-1.29	-1.25	-1.21	-1.16	-1.10	-1.03
0 23	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.19	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29
	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37	-1.37
	-1.38	-1.38	-1.39	-1.39	-1.40	-1.40	-1.40	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40
	-1.40	-1.39	-1.39	-1.38	-1.37	-1.37	-1.36	-1.34	-1.32	-1.30	-1.26	-1.21	-1.16	-1.10	-1.03
0 24	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.17	-1.19	-1.21	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30
	-1.30	-1.31	-1.31	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38
	-1.39	-1.39	-1.40	-1.40	-1.41	-1.41	-1.42	-1.42	-1.42	-1.43	-1.43	-1.43	-1.43	-1.42	-1.42

	-1.41	-1.41	-1.40	-1.39	-1.38	-1.38	-1.37	-1.35	-1.33	-1.30	-1.26	-1.22	-1.16	-1.10	-1.03
0 25	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.17	-1.20	-1.22	-1.23	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30
	-1.31	-1.31	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.36	-1.36	-1.37	-1.38	-1.38	-1.39	-1.39
	-1.40	-1.41	-1.41	-1.42	-1.42	-1.43	-1.43	-1.44	-1.44	-1.44	-1.45	-1.45	-1.44	-1.44	-1.44
	-1.43	-1.42	-1.41	-1.41	-1.40	-1.39	-1.38	-1.36	-1.34	-1.31	-1.27	-1.22	-1.17	-1.10	-1.03
0 26	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.10	-1.14
	-1.17	-1.20	-1.22	-1.23	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31
	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38	-1.39	-1.40	-1.40
	-1.41	-1.42	-1.42	-1.43	-1.43	-1.44	-1.45	-1.45	-1.46	-1.46	-1.46	-1.47	-1.46	-1.46	-1.45
	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.39	-1.37	-1.34	-1.31	-1.27	-1.22	-1.17	-1.10	-1.03
0 27	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.14
	-1.18	-1.20	-1.22	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31
	-1.32	-1.33	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.39	-1.39	-1.40	-1.41	-1.41
	-1.42	-1.43	-1.43	-1.44	-1.45	-1.45	-1.46	-1.47	-1.48	-1.48	-1.49	-1.49	-1.49	-1.48	-1.47
	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.39	-1.38	-1.35	-1.32	-1.28	-1.23	-1.17	-1.11	-1.03
0 28	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.14
	-1.18	-1.21	-1.23	-1.24	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32
	-1.33	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.40	-1.41	-1.42	-1.42
	-1.43	-1.44	-1.45	-1.45	-1.46	-1.47	-1.48	-1.49	-1.49	-1.50	-1.51	-1.51	-1.51	-1.51	-1.50
	-1.48	-1.47	-1.46	-1.44	-1.43	-1.42	-1.40	-1.38	-1.36	-1.32	-1.28	-1.23	-1.17	-1.11	-1.03
0 29	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.14
	-1.18	-1.21	-1.23	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.33
	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.40	-1.41	-1.42	-1.43	-1.43
	-1.44	-1.45	-1.46	-1.47	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.54	-1.53	-1.52
	-1.50	-1.49	-1.47	-1.46	-1.44	-1.43	-1.41	-1.39	-1.36	-1.33	-1.29	-1.23	-1.18	-1.11	-1.03
0 30	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.10	-1.15
	-1.18	-1.21	-1.23	-1.25	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.33	-1.33
	-1.34	-1.35	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.44	-1.44
	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.56	-1.58	-1.58	-1.57	-1.55
	-1.52	-1.50	-1.49	-1.47	-1.45	-1.44	-1.42	-1.40	-1.37	-1.33	-1.29	-1.24	-1.18	-1.11	-1.03
0 31	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.10	-1.15
	-1.19	-1.22	-1.24	-1.25	-1.27	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.34
	-1.35	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.44	-1.45	-1.45
	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.55	-1.57	-1.59	-1.62	-1.65	-1.61	-1.57
	-1.54	-1.52	-1.50	-1.48	-1.46	-1.45	-1.43	-1.41	-1.38	-1.34	-1.29	-1.24	-1.18	-1.11	-1.04
0 32	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.10	-1.15
	-1.19	-1.22	-1.24	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.33	-1.34	-1.34
	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.46
	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.56	-1.58	-1.61	-1.66	-1.78	-1.65	-1.59
	-1.56	-1.53	-1.51	-1.49	-1.47	-1.45	-1.44	-1.41	-1.38	-1.34	-1.30	-1.24	-1.18	-1.11	-1.04
0 33	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.15
	-1.19	-1.22	-1.24	-1.26	-1.27	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35
	-1.36	-1.37	-1.37	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.47
	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.57	-1.59	-1.61	-1.64	-1.67	-1.63	-1.59

	-1.56	-1.54	-1.52	-1.51	-1.49	-1.48	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 43	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.24	-1.27	-1.29	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40
	-1.41	-1.42	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.55	-1.56	-1.57
	-1.58	-1.59	-1.60	-1.62	-1.63	-1.65	-1.66	-1.68	-1.69	-1.68	-1.65	-1.63	-1.61	-1.59	-1.57
	-1.56	-1.54	-1.52	-1.51	-1.49	-1.48	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 44	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41
	-1.42	-1.43	-1.44	-1.45	-1.46	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.57	-1.58
	-1.59	-1.60	-1.61	-1.63	-1.64	-1.66	-1.68	-1.71	-1.75	-1.71	-1.67	-1.64	-1.62	-1.59	-1.58
	-1.56	-1.54	-1.52	-1.51	-1.49	-1.48	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 45	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41
	-1.42	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58
	-1.60	-1.61	-1.62	-1.63	-1.65	-1.67	-1.70	-1.75	-1.87	-1.74	-1.68	-1.65	-1.62	-1.60	-1.57
	-1.56	-1.54	-1.52	-1.51	-1.49	-1.48	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 46	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42
	-1.43	-1.44	-1.45	-1.46	-1.48	-1.49	-1.50	-1.51	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58	-1.59
	-1.60	-1.61	-1.63	-1.64	-1.65	-1.67	-1.69	-1.72	-1.75	-1.71	-1.67	-1.64	-1.62	-1.59	-1.57
	-1.55	-1.54	-1.52	-1.51	-1.49	-1.48	-1.46	-1.44	-1.41	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 47	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.31	-1.33	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42
	-1.43	-1.44	-1.46	-1.47	-1.48	-1.50	-1.51	-1.52	-1.53	-1.55	-1.56	-1.57	-1.58	-1.59	-1.60
	-1.61	-1.62	-1.63	-1.64	-1.65	-1.66	-1.68	-1.69	-1.70	-1.68	-1.66	-1.63	-1.61	-1.59	-1.57
	-1.55	-1.53	-1.52	-1.50	-1.49	-1.47	-1.46	-1.44	-1.40	-1.37	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 48	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42
	-1.44	-1.45	-1.46	-1.48	-1.49	-1.50	-1.52	-1.53	-1.54	-1.56	-1.57	-1.58	-1.59	-1.60	-1.61
	-1.62	-1.63	-1.63	-1.64	-1.65	-1.66	-1.66	-1.67	-1.67	-1.66	-1.64	-1.62	-1.60	-1.58	-1.56
	-1.55	-1.53	-1.52	-1.50	-1.49	-1.47	-1.46	-1.43	-1.40	-1.36	-1.32	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 49	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43
	-1.44	-1.45	-1.47	-1.48	-1.49	-1.51	-1.52	-1.54	-1.55	-1.57	-1.58	-1.59	-1.60	-1.61	-1.62
	-1.63	-1.63	-1.64	-1.64	-1.65	-1.65	-1.65	-1.65	-1.65	-1.64	-1.62	-1.61	-1.59	-1.57	-1.56
	-1.54	-1.53	-1.51	-1.50	-1.48	-1.47	-1.45	-1.43	-1.40	-1.36	-1.31	-1.26	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 50	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.43
	-1.44	-1.46	-1.47	-1.49	-1.50	-1.52	-1.53	-1.55	-1.56	-1.58	-1.59	-1.60	-1.61	-1.62	-1.63
	-1.64	-1.64	-1.64	-1.65	-1.65	-1.65	-1.65	-1.64	-1.63	-1.63	-1.61	-1.60	-1.58	-1.57	-1.55
	-1.54	-1.52	-1.51	-1.49	-1.48	-1.47	-1.45	-1.43	-1.40	-1.36	-1.31	-1.25	-1.19	-1.12	-1.04
	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
0 51	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.43
	-1.45	-1.46	-1.48	-1.49	-1.51	-1.52	-1.54	-1.55	-1.57	-1.59	-1.60	-1.61	-1.63	-1.64	-1.64
	-1.65	-1.65	-1.65	-1.65	-1.65	-1.64	-1.64	-1.63	-1.62	-1.61	-1.60	-1.59	-1.57	-1.56	-1.55

	-1.53	-1.52	-1.50	-1.49	-1.48	-1.46	-1.45	-1.43	-1.40	-1.36	-1.31	-1.25	-1.19	-1.12	-1.04
0 52	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.46	-1.48	-1.50	-1.51	-1.53	-1.54	-1.56	-1.58	-1.60	-1.61	-1.63	-1.64	-1.65	-1.66
	-1.66	-1.66	-1.66	-1.65	-1.65	-1.64	-1.63	-1.63	-1.62	-1.60	-1.59	-1.58	-1.57	-1.55	-1.54
	-1.52	-1.51	-1.50	-1.48	-1.47	-1.46	-1.44	-1.42	-1.39	-1.36	-1.31	-1.25	-1.19	-1.12	-1.04
0 53	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.47	-1.48	-1.50	-1.52	-1.53	-1.55	-1.57	-1.59	-1.61	-1.63	-1.65	-1.66	-1.67	-1.68
	-1.68	-1.68	-1.67	-1.66	-1.65	-1.64	-1.63	-1.62	-1.61	-1.60	-1.58	-1.57	-1.56	-1.54	-1.53
	-1.52	-1.50	-1.49	-1.48	-1.47	-1.45	-1.44	-1.42	-1.39	-1.35	-1.31	-1.25	-1.19	-1.12	-1.04
0 54	-0.95	-0.86	-0.77	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.44
	-1.45	-1.47	-1.49	-1.50	-1.52	-1.54	-1.56	-1.58	-1.60	-1.62	-1.64	-1.66	-1.68	-1.70	-1.71
	-1.70	-1.69	-1.68	-1.67	-1.65	-1.64	-1.63	-1.61	-1.60	-1.62	-1.64	-1.66	-1.68	-1.70	-1.71
	-1.51	-1.50	-1.49	-1.47	-1.46	-1.45	-1.43	-1.41	-1.39	-1.35	-1.31	-1.25	-1.19	-1.12	-1.04
0 55	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.44
	-1.45	-1.47	-1.49	-1.50	-1.52	-1.54	-1.56	-1.59	-1.61	-1.63	-1.66	-1.69	-1.71	-1.73	-1.74
	-1.73	-1.71	-1.69	-1.67	-1.65	-1.64	-1.62	-1.61	-1.60	-1.58	-1.57	-1.56	-1.54	-1.53	-1.52
	-1.50	-1.49	-1.48	-1.47	-1.46	-1.44	-1.43	-1.41	-1.38	-1.35	-1.30	-1.25	-1.19	-1.12	-1.04
0 56	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.47	-1.49	-1.51	-1.52	-1.55	-1.57	-1.59	-1.62	-1.65	-1.68	-1.71	-1.74	-1.78	-1.81
	-1.77	-1.73	-1.70	-1.68	-1.65	-1.64	-1.62	-1.60	-1.59	-1.58	-1.56	-1.55	-1.54	-1.52	-1.51
	-1.50	-1.49	-1.47	-1.46	-1.45	-1.44	-1.42	-1.41	-1.38	-1.35	-1.30	-1.25	-1.19	-1.12	-1.04
0 57	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.47	-1.49	-1.51	-1.53	-1.55	-1.57	-1.60	-1.62	-1.65	-1.69	-1.73	-1.77	-1.82	-1.94
	-1.81	-1.74	-1.70	-1.67	-1.65	-1.63	-1.61	-1.60	-1.58	-1.57	-1.55	-1.54	-1.53	-1.52	-1.50
	-1.49	-1.48	-1.47	-1.46	-1.44	-1.43	-1.42	-1.40	-1.38	-1.34	-1.30	-1.24	-1.19	-1.12	-1.04
0 58	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42	-1.44
	-1.45	-1.47	-1.49	-1.50	-1.52	-1.55	-1.57	-1.60	-1.63	-1.66	-1.70	-1.74	-1.78	-1.81	-1.83
	-1.78	-1.73	-1.70	-1.67	-1.64	-1.62	-1.61	-1.59	-1.57	-1.56	-1.55	-1.53	-1.52	-1.51	-1.50
	-1.48	-1.47	-1.46	-1.45	-1.44	-1.43	-1.41	-1.40	-1.37	-1.34	-1.30	-1.24	-1.18	-1.12	-1.04
0 59	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.92	-0.99	-1.06	-1.12	-1.17
	-1.21	-1.25	-1.28	-1.30	-1.31	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.43
	-1.45	-1.47	-1.48	-1.50	-1.52	-1.54	-1.57	-1.59	-1.63	-1.66	-1.71	-1.76	-1.81	-1.80	-1.79
	-1.75	-1.72	-1.68	-1.66	-1.63	-1.61	-1.60	-1.58	-1.56	-1.55	-1.54	-1.52	-1.51	-1.50	-1.49
	-1.48	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.39	-1.37	-1.33	-1.29	-1.24	-1.18	-1.11	-1.04
0 60	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.12	-1.16
	-1.21	-1.25	-1.27	-1.30	-1.31	-1.32	-1.33	-1.34	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43
	-1.45	-1.46	-1.48	-1.50	-1.52	-1.54	-1.56	-1.59	-1.62	-1.66	-1.70	-1.77	-1.91	-1.80	-1.76
	-1.72	-1.69	-1.67	-1.64	-1.62	-1.60	-1.59	-1.57	-1.55	-1.54	-1.53	-1.52	-1.50	-1.49	-1.48

	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.40	-1.39	-1.36	-1.33	-1.29	-1.24	-1.18	-1.11	-1.04
0 61	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43
	-1.44	-1.46	-1.47	-1.49	-1.51	-1.53	-1.55	-1.58	-1.61	-1.64	-1.68	-1.72	-1.77	-1.75	-1.72
	-1.69	-1.67	-1.65	-1.63	-1.61	-1.59	-1.57	-1.56	-1.54	-1.53	-1.52	-1.51	-1.49	-1.48	-1.47
	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.38	-1.36	-1.33	-1.29	-1.24	-1.18	-1.11	-1.04
0 62	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.21	-1.24	-1.27	-1.29	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41	-1.42
	-1.44	-1.45	-1.47	-1.48	-1.50	-1.52	-1.54	-1.56	-1.59	-1.62	-1.65	-1.69	-1.69	-1.69	-1.68
	-1.66	-1.64	-1.62	-1.61	-1.59	-1.57	-1.56	-1.55	-1.53	-1.52	-1.51	-1.50	-1.48	-1.47	-1.46
	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.39	-1.37	-1.35	-1.32	-1.28	-1.23	-1.18	-1.11	-1.04
0 63	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.06	-1.11	-1.16
	-1.20	-1.24	-1.27	-1.29	-1.30	-1.32	-1.32	-1.33	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42
	-1.43	-1.44	-1.46	-1.47	-1.49	-1.51	-1.53	-1.55	-1.57	-1.59	-1.61	-1.63	-1.65	-1.65	-1.64
	-1.63	-1.61	-1.60	-1.59	-1.57	-1.56	-1.55	-1.53	-1.52	-1.51	-1.50	-1.49	-1.47	-1.46	-1.45
	-1.44	-1.43	-1.42	-1.41	-1.41	-1.40	-1.38	-1.37	-1.35	-1.32	-1.28	-1.23	-1.18	-1.11	-1.03
0 64	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.24	-1.26	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40	-1.41
	-1.42	-1.44	-1.45	-1.47	-1.48	-1.50	-1.51	-1.53	-1.55	-1.57	-1.58	-1.60	-1.61	-1.61	-1.61
	-1.60	-1.59	-1.58	-1.57	-1.55	-1.54	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.46	-1.45	-1.44
	-1.44	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.36	-1.34	-1.31	-1.28	-1.23	-1.17	-1.11	-1.03
0 65	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.24	-1.26	-1.28	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40
	-1.41	-1.43	-1.44	-1.46	-1.47	-1.48	-1.50	-1.51	-1.53	-1.54	-1.56	-1.57	-1.58	-1.58	-1.58
	-1.57	-1.56	-1.56	-1.55	-1.54	-1.53	-1.52	-1.50	-1.49	-1.48	-1.47	-1.46	-1.45	-1.45	-1.44
	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.34	-1.31	-1.27	-1.22	-1.17	-1.11	-1.03
0 66	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.16
	-1.20	-1.23	-1.26	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.40
	-1.41	-1.42	-1.43	-1.44	-1.46	-1.47	-1.48	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.55	-1.55
	-1.55	-1.54	-1.53	-1.53	-1.52	-1.51	-1.50	-1.49	-1.48	-1.47	-1.46	-1.45	-1.44	-1.44	-1.43
	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.33	-1.30	-1.27	-1.22	-1.17	-1.11	-1.03
0 67	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.15
	-1.20	-1.23	-1.25	-1.27	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.34	-1.35	-1.36	-1.38	-1.39
	-1.40	-1.41	-1.42	-1.43	-1.44	-1.45	-1.47	-1.48	-1.49	-1.50	-1.51	-1.51	-1.52	-1.52	-1.52
	-1.52	-1.51	-1.51	-1.50	-1.50	-1.49	-1.48	-1.47	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41
	-1.41	-1.40	-1.39	-1.38	-1.37	-1.37	-1.36	-1.34	-1.32	-1.30	-1.26	-1.22	-1.17	-1.10	-1.03
0 68	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.99	-1.05	-1.11	-1.15
	-1.19	-1.22	-1.25	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35	-1.36	-1.37
	-1.38	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.47	-1.48	-1.48	-1.48	-1.48
	-1.48	-1.48	-1.48	-1.47	-1.47	-1.46	-1.46	-1.45	-1.44	-1.44	-1.43	-1.42	-1.41	-1.41	-1.40
	-1.39	-1.38	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.31	-1.29	-1.26	-1.21	-1.16	-1.10	-1.03
0 69	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.05	-1.10	-1.15
	-1.19	-1.22	-1.24	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.33	-1.34	-1.35
	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40	-1.41	-1.41	-1.42	-1.43	-1.43	-1.43	-1.44	-1.44	-1.44
	-1.44	-1.44	-1.44	-1.43	-1.43	-1.43	-1.42	-1.42	-1.41	-1.41	-1.40	-1.39	-1.39	-1.38	-1.37

	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.17	-1.17	-1.17	-1.16	-1.14	-1.12	-1.09	-1.05	-0.99
0 16	-0.92	-0.84	-0.76	-0.66	-0.57	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.96	-1.01	-1.06	-1.09
	-1.11	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.17	-1.18	-1.18	-1.18	-1.19	-1.19	-1.19
	-1.20	-1.20	-1.20	-1.21	-1.21	-1.21	-1.21	-1.22	-1.22	-1.22	-1.22	-1.23	-1.23	-1.23	-1.23
	-1.23	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
	-1.23	-1.23	-1.23	-1.23	-1.23	-1.22	-1.22	-1.22	-1.22	-1.21	-1.20	-1.18	-1.15	-1.11	-1.06
0 17	-0.93	-0.85	-0.76	-0.66	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.82	-0.90	-0.97	-1.02	-1.07	-1.10
	-1.13	-1.15	-1.16	-1.17	-1.18	-1.19	-1.19	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.22
	-1.23	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.25	-1.26	-1.26	-1.26	-1.26	-1.27	-1.27	-1.27
	-1.27	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28	-1.28
	-1.28	-1.27	-1.27	-1.27	-1.27	-1.26	-1.26	-1.25	-1.24	-1.23	-1.20	-1.17	-1.13	-1.08	-1.01
0 18	-0.94	-0.85	-0.76	-0.66	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.90	-0.97	-1.03	-1.07	-1.11
	-1.14	-1.16	-1.18	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.23	-1.23	-1.24	-1.24
	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.27	-1.28	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30
	-1.30	-1.31	-1.31	-1.31	-1.31	-1.31	-1.31	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32	-1.31	-1.31
	-1.31	-1.31	-1.30	-1.30	-1.30	-1.29	-1.29	-1.28	-1.27	-1.25	-1.22	-1.18	-1.14	-1.08	-1.02
0 19	-0.94	-0.85	-0.76	-0.67	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.56	-0.65	-0.74	-0.83	-0.91	-0.97	-1.03	-1.08	-1.12
	-1.15	-1.17	-1.19	-1.20	-1.21	-1.22	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26
	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.32
	-1.33	-1.33	-1.33	-1.34	-1.34	-1.34	-1.34	-1.34	-1.35	-1.35	-1.35	-1.34	-1.34	-1.34	-1.34
	-1.34	-1.33	-1.33	-1.32	-1.32	-1.31	-1.31	-1.30	-1.28	-1.26	-1.23	-1.19	-1.15	-1.09	-1.02
0 20	-0.94	-0.86	-0.76	-0.67	-0.58	-0.48	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.08	-1.12
	-1.15	-1.18	-1.20	-1.21	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27
	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34
	-1.34	-1.35	-1.35	-1.36	-1.36	-1.36	-1.36	-1.36	-1.37	-1.37	-1.37	-1.37	-1.36	-1.36	-1.36
	-1.36	-1.35	-1.35	-1.34	-1.34	-1.33	-1.32	-1.31	-1.30	-1.28	-1.24	-1.20	-1.15	-1.09	-1.02
0 21	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.18	-1.20	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28
	-1.28	-1.29	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35
	-1.36	-1.36	-1.37	-1.37	-1.37	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38	-1.38
	-1.37	-1.37	-1.36	-1.36	-1.35	-1.34	-1.34	-1.32	-1.31	-1.28	-1.25	-1.21	-1.16	-1.10	-1.03
0 22	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.19	-1.20	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28
	-1.29	-1.29	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36
	-1.37	-1.37	-1.38	-1.38	-1.38	-1.39	-1.39	-1.39	-1.40	-1.40	-1.40	-1.40	-1.40	-1.39	-1.39
	-1.39	-1.38	-1.37	-1.37	-1.36	-1.35	-1.35	-1.33	-1.31	-1.29	-1.25	-1.21	-1.16	-1.10	-1.03
0 23	-0.94	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.16	-1.19	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29
	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37	-1.37
	-1.38	-1.38	-1.39	-1.39	-1.40	-1.40	-1.40	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40
	-1.40	-1.39	-1.39	-1.38	-1.37	-1.37	-1.36	-1.34	-1.32	-1.30	-1.26	-1.21	-1.16	-1.10	-1.03
0 24	-0.95	-0.86	-0.76	-0.67	-0.58	-0.49	-0.40	-0.31	-0.23	-0.16	-0.11				
	-0.11	-0.16	-0.23	-0.30	-0.39	-0.48	-0.57	-0.65	-0.74	-0.83	-0.91	-0.98	-1.04	-1.09	-1.13
	-1.17	-1.19	-1.21	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.27	-1.27	-1.28	-1.28	-1.29	-1.30
	-1.30	-1.31	-1.31	-1.32	-1.33	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38
	-1.39	-1.39	-1.40	-1.40	-1.41	-1.41	-1.42	-1.42	-1.42	-1.43	-1.43	-1.43	-1.43	-1.42	-1.42

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 50 IN STRESS PERIOD 1

	CUMULATIVE VOLUMES	L**3		RATES FOR THIS TIME STEP	L**3/T
0	IN:			IN:	
	---			---	
	STORAGE =	0.49042E+08		STORAGE =	0.65389E+06
	CONSTANT HEAD =	0.00000		CONSTANT HEAD =	0.00000
	WELLS =	0.00000		WELLS =	0.00000
0	TOTAL IN =	0.49042E+08		TOTAL IN =	0.65389E+06
0	OUT:			OUT:	
	---			---	
	STORAGE =	0.30896E-01		STORAGE =	0.00000
	CONSTANT HEAD =	0.00000		CONSTANT HEAD =	0.00000
	WELLS =	0.49044E+08		WELLS =	0.65392E+06
0	TOTAL OUT =	0.49044E+08		TOTAL OUT =	0.65392E+06
0	IN - OUT =	-1824.0		IN - OUT =	-28.188
0	PERCENT DISCREPANCY =	0.00		PERCENT DISCREPANCY =	0.00

TIME SUMMARY AT END OF TIME STEP 50 IN STRESS PERIOD 1

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	594152.	9902.54	165.042	6.87676	0.188276E-01
STRESS PERIOD TIME	0.648000E+07	108000.	1800.00	75.0000	0.205339
TOTAL SIMULATION TIME	0.648000E+07	108000.	1800.00	75.0000	0.205339

1 U.S. GEOLOGICAL SURVEY MODULAR FINITE-DIFFERENCE GROUND-WATER MODEL
 0Indiantown Cogeneration Project; Floridan Aquifer Well Impact Analysis Calculation Geol-004; Case 02
 3 LAYERS 86 ROWS 86 COLUMNS

1 STRESS PERIOD(S) IN SIMULATION
 MODEL TIME UNIT IS DAYS

OI/O UNITS:
 ELEMENT OF IUNIT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
 I/O UNIT: 11 12 0 0 0 0 0 0 0 20 0 22 0 0 0 0 0 0 0 0 0 0 0 0

OBAS1 -- BASIC MODEL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM UNIT 1
 ARRAYS RHS AND BUFF WILL SHARE MEMORY.
 START HEAD WILL NOT BE SAVED -- DRAWDOWN CANNOT BE CALCULATED

192480 ELEMENTS IN X ARRAY ARE USED BY BAS
 192480 ELEMENTS OF X ARRAY USED OUT OF 700000

OBFCF2 -- BLOCK-CENTERED FLOW PACKAGE, VERSION 2, 7/1/91 INPUT READ FROM UNIT 11
 TRANSIENT SIMULATION

HEAD AT CELLS THAT CONVERT TO DRY= 999.99
 WETTING CAPABILITY IS NOT ACTIVE

LAYER AQUIFER TYPE

```

-----
1      0
2      0
3      0
  
```

22191 ELEMENTS IN X ARRAY ARE USED BY BCF
 214671 ELEMENTS OF X ARRAY USED OUT OF 700000

OWEL1 -- WELL PACKAGE, VERSION 1, 9/1/87 INPUT READ FROM 12
 MAXIMUM OF 6 WELLS

24 ELEMENTS IN X ARRAY ARE USED FOR WELLS
 214695 ELEMENTS OF X ARRAY USED OUT OF 700000

OPCG2 -- CONJUGATE GRADIENT SOLUTION PACKAGE, VERSION 2, 5/1/88
 MAXIMUM OF 100 CALLS OF SOLUTION ROUTINE
 MAXIMUM OF 99 INTERNAL ITERATIONS PER CALL TO SOLUTION ROUTINE
 MATRIX PRECONDITIONING TYPE : 2

145764 ELEMENTS IN X ARRAY ARE USED BY PCG
 360459 ELEMENTS OF X ARRAY USED OUT OF 700000

1Indiantown Cogeneration Project; Floridan Aquifer Well Impact Analysis Calculation Geol-004; Case 02

0 BOUNDARY ARRAY = 1 FOR LAYER 1
 0 BOUNDARY ARRAY = 1 FOR LAYER 2
 0 BOUNDARY ARRAY = 1 FOR LAYER 3

0AQUIFER HEAD WILL BE SET TO 0.00000 AT ALL NO-FLOW NODES (IBOUND=0).

0 INITIAL HEAD = 0.0000000 FOR LAYER 1
 0 INITIAL HEAD = 0.0000000 FOR LAYER 2
 0 INITIAL HEAD = 0.0000000 FOR LAYER 3

0HEAD PRINT FORMAT IS FORMAT NUMBER 4 DRAWDOWN PRINT FORMAT IS FORMAT NUMBER 4

0HEADS WILL BE SAVED ON UNIT 30 DRAWDOWNS WILL BE SAVED ON UNIT 0

0OUTPUT CONTROL IS SPECIFIED EVERY TIME STEP

0 COLUMN TO ROW ANISOTROPY = 1.000000

0

DELTA WILL BE READ ON UNIT 11 USING FORMAT: (10E12.4)

```

-----
90000.  60000.  40000.  30000.  20000.  15000.  10000.  8000.0  6000.0  4000.0
3000.0  2000.0  1500.0  1000.0  800.00  600.00  400.00  300.00  200.00  150.00
  
```

100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	150.00	200.00	300.00	400.00
600.00	800.00	1000.0	1500.0	2000.0	3000.0	4000.0	6000.0	8000.0	10000.0
15000.0	20000.0	30000.0	40000.0	60000.0	90000.0				

0

 DELC WILL BE READ ON UNIT 11 USING FORMAT: (10E12.4)

90000.0	60000.0	40000.0	30000.0	20000.0	15000.0	10000.0	8000.0	6000.0	4000.0
3000.0	2000.0	1500.0	1000.0	800.00	600.00	400.00	300.00	200.00	150.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
100.00	100.00	100.00	100.00	100.00	100.00	150.00	200.00	300.00	400.00
600.00	800.00	1000.0	1500.0	2000.0	3000.0	4000.0	6000.0	8000.0	10000.0
15000.0	20000.0	30000.0	40000.0	60000.0	90000.0				

0
0
0
0
0
0
0
0
0

PRIMARY STORAGE COEF = 0.3200000 FOR LAYER 1
 TRANSMIS. ALONG ROWS = 750.0000 FOR LAYER 1
 VERT HYD COND /THICKNESS = 0.1000000E-04 FOR LAYER 1
 PRIMARY STORAGE COEF = 0.3000000E-03 FOR LAYER 2
 TRANSMIS. ALONG ROWS = 27360.00 FOR LAYER 2
 VERT HYD COND /THICKNESS = 0.3200000E-02 FOR LAYER 2
 PRIMARY STORAGE COEF = 0.1300000E-03 FOR LAYER 3
 TRANSMIS. ALONG ROWS = 309600.0 FOR LAYER 3

SOLUTION BY THE CONJUGATE-GRADIENT METHOD

0

 MAXIMUM NUMBER OF CALLS TO PCG ROUTINE = 100
 MAXIMUM ITERATIONS PER CALL TO PCG = 99
 MATRIX PRECONDITIONING TYPE = 2
 THE MATRIX WILL BE SCALED
 RELAXATION FACTOR (ONLY USED WITH PRECOND. TYPE 1) = 0.10000E+01
 PARAMETER OF POLYNOMIAL PRECOND. = 2 (2) OR IS CALCULATED : 2
 HEAD CHANGE CRITERION FOR CLOSURE = 0.50000E-02
 RESIDUAL CHANGE CRITERION FOR CLOSURE = 0.50000E-02
 PCG HEAD AND RESIDUAL CHANGE PRINTOUT INTERVAL = 999
 PRINTING FROM SOLVER IS LIMITED(1) OR SUPPRESSED (>1) = 2
 STRESS PERIOD NO. 1, LENGTH = 90.00000

1

NUMBER OF TIME STEPS = 50

MULTIPLIER FOR DELT = 1.100

INITIAL TIME STEP SIZE = 0.7732560E-01

0

6 WELLS

LAYER	ROW	COL	STRESS RATE	WELL NO.
3	57	45	-0.12498E+06	1
3	32	58	-0.12498E+06	2
3	60	43	-0.12498E+06	3
2	56	41	-28875.	4
2	38	60	-28875.	5
3	45	54	-0.12498E+06	6

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE

0 0 0 0

OHEAD/DRAWDOWN PRINTOUT FLAG = 0 TOTAL BUDGET PRINTOUT FLAG = 0 CELL-BY-CELL FLOW TERM FLAG = 0

OUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:

HEAD DRAWDOWN HEAD DRAWDOWN
 PRINTOUT PRINTOUT SAVE SAVE


```
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE  
-----  
0      0      0      0  
OHEAD/DRAWDOWN PRINTOUT FLAG = 0    TOTAL BUDGET PRINTOUT FLAG = 0    CELL-BY-CELL FLOW TERM FLAG = 0  
OOUTPUT FLAGS FOR ALL LAYERS ARE THE SAME:  
  HEAD  DRAWDOWN HEAD  DRAWDOWN  
PRINTOUT PRINTOUT SAVE  SAVE
```


	-0.91	-0.91	-0.91	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92
	-0.92	-0.92	-0.92	-0.92	-0.92	-0.93	-0.93	-0.93	-0.93	-0.93	-0.92	-0.92	-0.92	-0.92	-0.92
	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.92	-0.91	-0.91	-0.90	-0.92	-0.92	-0.92	-0.92
	-0.77	-0.71	-0.64	-0.57	-0.49	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11	-0.89	-0.88	-0.85	-0.82
0 14	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.63	-0.70	-0.76	-0.81	-0.85	-0.87	-0.90
	-0.91	-0.92	-0.93	-0.94	-0.94	-0.94	-0.95	-0.95	-0.95	-0.95	-0.95	-0.96	-0.96	-0.96	-0.96
	-0.96	-0.96	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.97	-0.98	-0.98	-0.98	-0.98
	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98	-0.98
	-0.98	-0.98	-0.98	-0.98	-0.98	-0.97	-0.97	-0.97	-0.97	-0.97	-0.96	-0.95	-0.94	-0.91	-0.88
	-0.79	-0.72	-0.65	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 15	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.63	-0.70	-0.77	-0.82	-0.86	-0.90	-0.92
	-0.94	-0.95	-0.96	-0.97	-0.98	-0.98	-0.98	-0.98	-0.99	-0.99	-0.99	-0.99	-1.00	-1.00	-1.00
	-1.00	-1.01	-1.01	-1.01	-1.01	-1.01	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.02	-1.03	-1.03
	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03	-1.03
	-1.03	-1.03	-1.03	-1.03	-1.02	-1.02	-1.02	-1.02	-1.02	-1.01	-1.00	-0.99	-0.97	-0.94	-0.90
0 16	-0.80	-0.73	-0.65	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.77	-0.83	-0.87	-0.91	-0.94
	-0.96	-0.98	-0.99	-1.00	-1.00	-1.01	-1.01	-1.01	-1.02	-1.02	-1.02	-1.03	-1.03	-1.03	-1.04
	-1.04	-1.04	-1.05	-1.05	-1.05	-1.05	-1.06	-1.06	-1.06	-1.06	-1.07	-1.07	-1.07	-1.07	-1.07
	-1.07	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08	-1.08
	-1.08	-1.08	-1.07	-1.07	-1.07	-1.07	-1.07	-1.07	-1.06	-1.05	-1.04	-1.03	-1.00	-0.97	-0.87
0 17	-0.80	-0.73	-0.65	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.77	-0.83	-0.88	-0.92	-0.95
	-0.98	-1.00	-1.01	-1.02	-1.03	-1.03	-1.03	-1.04	-1.04	-1.05	-1.05	-1.05	-1.06	-1.06	-1.06
	-1.07	-1.07	-1.07	-1.08	-1.08	-1.08	-1.09	-1.09	-1.09	-1.10	-1.10	-1.10	-1.10	-1.10	-1.11
	-1.11	-1.11	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12	-1.12
	-1.12	-1.12	-1.11	-1.11	-1.11	-1.11	-1.10	-1.10	-1.09	-1.07	-1.05	-1.02	-0.98	-0.93	-0.87
0 18	-0.81	-0.73	-0.65	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.89	-0.93	-0.96
	-0.99	-1.01	-1.02	-1.03	-1.04	-1.05	-1.05	-1.05	-1.06	-1.06	-1.07	-1.07	-1.08	-1.08	-1.08
	-1.09	-1.09	-1.10	-1.10	-1.10	-1.11	-1.11	-1.11	-1.12	-1.12	-1.13	-1.13	-1.13	-1.13	-1.14
	-1.14	-1.14	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15	-1.15
	-1.15	-1.15	-1.14	-1.14	-1.14	-1.14	-1.13	-1.12	-1.11	-1.10	-1.07	-1.04	-0.99	-0.94	-0.88
0 19	-0.81	-0.73	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.89	-0.93	-0.97
	-1.00	-1.02	-1.03	-1.04	-1.05	-1.06	-1.06	-1.07	-1.07	-1.08	-1.08	-1.08	-1.09	-1.09	-1.10
	-1.10	-1.11	-1.11	-1.12	-1.12	-1.12	-1.12	-1.13	-1.13	-1.14	-1.14	-1.14	-1.15	-1.15	-1.16
	-1.16	-1.17	-1.17	-1.17	-1.17	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18	-1.18
	-1.18	-1.17	-1.17	-1.17	-1.16	-1.16	-1.15	-1.15	-1.13	-1.11	-1.08	-1.05	-1.00	-0.94	-0.88
0 20	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.89	-0.94	-0.97
	-1.00	-1.02	-1.04	-1.05	-1.06	-1.07	-1.07	-1.08	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11
	-1.11	-1.12	-1.12	-1.13	-1.13	-1.14	-1.14	-1.15	-1.15	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18
	-1.18	-1.18	-1.19	-1.19	-1.19	-1.19	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20	-1.20
	-1.20	-1.19	-1.19	-1.19	-1.18	-1.18	-1.17	-1.16	-1.15	-1.13	-1.09	-1.05	-1.00	-0.95	-0.88
0 21	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.89	-0.94	-0.97
	-1.00	-1.03	-1.04	-1.06	-1.06	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12
	-1.12	-1.13	-1.13	-1.14	-1.14	-1.15	-1.15	-1.16	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19
	-1.19	-1.19	-1.20	-1.20	-1.20	-1.21	-1.21	-1.21	-1.21	-1.21	-1.22	-1.22	-1.22	-1.21	-1.21
	-1.21	-1.21	-1.20	-1.20	-1.20	-1.19	-1.18	-1.17	-1.16	-1.14	-1.10	-1.06	-1.01	-0.95	-0.88
0 22	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.90	-0.94	-0.98
	-1.01	-1.03	-1.05	-1.06	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12

	-1.13	-1.13	-1.14	-1.14	-1.15	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20
	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.22	-1.22	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23	-1.23
	-1.22	-1.22	-1.22	-1.21	-1.21	-1.20	-1.19	-1.18	-1.17	-1.14	-1.11	-1.06	-1.01	-0.95	-0.89
0 23	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.90	-0.94	-0.98
	-1.01	-1.03	-1.05	-1.06	-1.07	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13
	-1.13	-1.14	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.20	-1.21
	-1.21	-1.22	-1.22	-1.22	-1.23	-1.23	-1.23	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24	-1.24
	-1.24	-1.23	-1.23	-1.22	-1.22	-1.21	-1.21	-1.19	-1.18	-1.15	-1.11	-1.07	-1.01	-0.95	-0.89
0 24	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.84	-0.90	-0.94	-0.98
	-1.01	-1.04	-1.06	-1.07	-1.08	-1.08	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13	-1.13
	-1.14	-1.15	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22
	-1.22	-1.23	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.25	-1.25	-1.26	-1.26	-1.26	-1.26	-1.25
	-1.25	-1.25	-1.24	-1.24	-1.23	-1.23	-1.22	-1.20	-1.19	-1.16	-1.12	-1.07	-1.02	-0.95	-0.89
0 25	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.85	-0.90	-0.95	-0.98
	-1.02	-1.04	-1.06	-1.07	-1.08	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14
	-1.15	-1.15	-1.16	-1.16	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.20	-1.21	-1.22	-1.22	-1.23
	-1.23	-1.24	-1.24	-1.25	-1.25	-1.26	-1.26	-1.26	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27	-1.27
	-1.27	-1.26	-1.26	-1.25	-1.25	-1.24	-1.23	-1.22	-1.19	-1.16	-1.12	-1.07	-1.02	-0.96	-0.89
0 26	-0.81	-0.74	-0.66	-0.57	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.04	-1.06	-1.08	-1.09	-1.09	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14	-1.15
	-1.15	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.24
	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.28	-1.28	-1.28	-1.29	-1.29	-1.29	-1.29	-1.29
	-1.28	-1.28	-1.27	-1.27	-1.26	-1.25	-1.24	-1.23	-1.20	-1.17	-1.13	-1.08	-1.02	-0.96	-0.89
0 27	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.05	-1.07	-1.08	-1.09	-1.10	-1.10	-1.11	-1.12	-1.12	-1.13	-1.13	-1.14	-1.15	-1.15
	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.20	-1.20	-1.21	-1.22	-1.22	-1.23	-1.23	-1.24	-1.25
	-1.25	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30	-1.31	-1.31	-1.31	-1.30
	-1.30	-1.30	-1.29	-1.28	-1.27	-1.27	-1.25	-1.24	-1.21	-1.18	-1.13	-1.08	-1.02	-0.96	-0.89
0 28	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.71	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.05	-1.07	-1.08	-1.10	-1.10	-1.11	-1.12	-1.12	-1.13	-1.13	-1.14	-1.15	-1.15	-1.16
	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.20	-1.21	-1.22	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26
	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.30	-1.31	-1.31	-1.32	-1.32	-1.32	-1.32	-1.32	-1.32
	-1.32	-1.31	-1.31	-1.30	-1.29	-1.28	-1.27	-1.25	-1.22	-1.19	-1.14	-1.08	-1.03	-0.96	-0.89
0 29	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.03	-1.05	-1.07	-1.09	-1.10	-1.11	-1.11	-1.12	-1.13	-1.13	-1.14	-1.15	-1.15	-1.16	-1.17
	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25	-1.26	-1.27
	-1.27	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.32	-1.33	-1.34	-1.34	-1.34	-1.35	-1.35	-1.34
	-1.34	-1.33	-1.33	-1.32	-1.31	-1.30	-1.28	-1.26	-1.23	-1.19	-1.14	-1.09	-1.03	-0.96	-0.89
0 30	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.03	-1.06	-1.08	-1.09	-1.10	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.17
	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28
	-1.28	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.34	-1.35	-1.35	-1.36	-1.36	-1.37	-1.37	-1.37
	-1.36	-1.36	-1.35	-1.34	-1.32	-1.31	-1.30	-1.27	-1.24	-1.20	-1.15	-1.09	-1.03	-0.96	-0.89
0 31	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.91	-0.95	-1.00
	-1.03	-1.06	-1.08	-1.10	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.16	-1.17	-1.18

	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.29
	-1.30	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.37	-1.38	-1.39	-1.39	-1.39	-1.39
	-1.39	-1.38	-1.37	-1.36	-1.34	-1.33	-1.31	-1.28	-1.25	-1.21	-1.15	-1.09	-1.03	-0.96	-0.89
0 32	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.03	-1.06	-1.08	-1.10	-1.11	-1.12	-1.13	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.18	-1.18
	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.30
	-1.31	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42	-1.42	-1.42
	-1.42	-1.41	-1.39	-1.38	-1.36	-1.34	-1.32	-1.29	-1.26	-1.21	-1.16	-1.09	-1.03	-0.97	-0.89
0 33	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.10	-1.12	-1.13	-1.13	-1.14	-1.15	-1.15	-1.16	-1.17	-1.18	-1.18	-1.19
	-1.20	-1.21	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.31
	-1.32	-1.33	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43	-1.44	-1.45	-1.46	-1.46
	-1.45	-1.44	-1.42	-1.40	-1.38	-1.36	-1.34	-1.31	-1.27	-1.22	-1.16	-1.10	-1.03	-0.97	-0.89
0 34	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20
	-1.21	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33
	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.44	-1.45	-1.47	-1.49	-1.50	-1.50
	-1.49	-1.47	-1.45	-1.42	-1.40	-1.38	-1.35	-1.32	-1.27	-1.22	-1.16	-1.10	-1.04	-0.97	-0.90
0 35	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.18	-1.19	-1.20	-1.20
	-1.21	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33
	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.44	-1.46	-1.48	-1.50	-1.53	-1.54	-1.55
	-1.54	-1.51	-1.48	-1.45	-1.42	-1.39	-1.36	-1.32	-1.28	-1.23	-1.17	-1.10	-1.04	-0.97	-0.90
0 36	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.15	-1.16	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21
	-1.22	-1.23	-1.24	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34
	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.43	-1.45	-1.48	-1.50	-1.53	-1.57	-1.60	-1.63
	-1.60	-1.55	-1.51	-1.47	-1.44	-1.41	-1.37	-1.33	-1.28	-1.23	-1.17	-1.10	-1.04	-0.97	-0.90
0 37	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.04	-1.08	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22
	-1.23	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35
	-1.35	-1.36	-1.37	-1.39	-1.40	-1.41	-1.43	-1.44	-1.47	-1.49	-1.52	-1.56	-1.61	-1.68	-1.75
	-1.67	-1.60	-1.54	-1.49	-1.45	-1.42	-1.38	-1.34	-1.29	-1.23	-1.17	-1.10	-1.04	-0.97	-0.90
0 38	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.10	-1.12	-1.14	-1.15	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.21	-1.22
	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.35
	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.43	-1.45	-1.47	-1.50	-1.53	-1.58	-1.64	-1.76	-2.02
	-1.75	-1.62	-1.55	-1.50	-1.45	-1.42	-1.38	-1.34	-1.29	-1.24	-1.17	-1.11	-1.04	-0.97	-0.90
0 39	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.35	-1.36
	-1.37	-1.38	-1.39	-1.40	-1.41	-1.43	-1.44	-1.46	-1.48	-1.50	-1.53	-1.57	-1.62	-1.69	-1.76
	-1.68	-1.60	-1.54	-1.49	-1.45	-1.42	-1.38	-1.34	-1.29	-1.24	-1.17	-1.11	-1.04	-0.97	-0.90
0 40	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24

	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.35	-1.36	-1.37
	-1.38	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.46	-1.48	-1.50	-1.52	-1.55	-1.59	-1.62	-1.64
	-1.61	-1.57	-1.52	-1.48	-1.45	-1.42	-1.38	-1.34	-1.29	-1.24	-1.18	-1.11	-1.04	-0.97	-0.90
0 41	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.05	-1.09	-1.11	-1.13	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24
	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39
	-1.39	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.46	-1.47	-1.49	-1.51	-1.53	-1.55	-1.57	-1.58
	-1.56	-1.53	-1.50	-1.47	-1.44	-1.41	-1.38	-1.34	-1.29	-1.24	-1.18	-1.11	-1.04	-0.97	-0.90
0 42	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.05	-1.09	-1.11	-1.13	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.25
	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.37	-1.38	-1.39
	-1.39	-1.40	-1.41	-1.42	-1.43	-1.43	-1.44	-1.46	-1.47	-1.48	-1.50	-1.51	-1.52	-1.53	-1.53
	-1.52	-1.50	-1.48	-1.45	-1.43	-1.40	-1.37	-1.34	-1.29	-1.24	-1.18	-1.11	-1.04	-0.97	-0.90
0 43	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.05	-1.09	-1.12	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.26
	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.38	-1.39	-1.40
	-1.40	-1.41	-1.41	-1.42	-1.43	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.50	-1.50
	-1.49	-1.47	-1.45	-1.43	-1.41	-1.39	-1.37	-1.33	-1.29	-1.24	-1.18	-1.11	-1.04	-0.97	-0.90
0 44	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.14	-1.15	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.25	-1.26
	-1.27	-1.28	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.39	-1.40	-1.40
	-1.41	-1.41	-1.42	-1.42	-1.43	-1.44	-1.44	-1.45	-1.45	-1.46	-1.47	-1.47	-1.48	-1.48	-1.47
	-1.46	-1.45	-1.44	-1.42	-1.40	-1.38	-1.36	-1.33	-1.28	-1.23	-1.18	-1.11	-1.04	-0.97	-0.90
0 45	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.14	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.26	-1.27
	-1.28	-1.29	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.40	-1.41	-1.41
	-1.42	-1.42	-1.42	-1.43	-1.43	-1.43	-1.44	-1.44	-1.45	-1.45	-1.45	-1.46	-1.46	-1.46	-1.45
	-1.44	-1.43	-1.42	-1.40	-1.39	-1.37	-1.35	-1.32	-1.28	-1.23	-1.17	-1.11	-1.04	-0.97	-0.90
0 46	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.14	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.23	-1.24	-1.25	-1.26	-1.27
	-1.29	-1.30	-1.31	-1.33	-1.34	-1.35	-1.36	-1.38	-1.39	-1.40	-1.40	-1.41	-1.42	-1.42	-1.42
	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44	-1.44	-1.43
	-1.42	-1.41	-1.40	-1.39	-1.37	-1.36	-1.34	-1.31	-1.28	-1.23	-1.17	-1.11	-1.04	-0.97	-0.90
0 47	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.02
	-1.06	-1.09	-1.12	-1.15	-1.16	-1.17	-1.18	-1.20	-1.21	-1.22	-1.23	-1.24	-1.25	-1.27	-1.28
	-1.29	-1.31	-1.32	-1.34	-1.35	-1.36	-1.38	-1.39	-1.40	-1.41	-1.42	-1.42	-1.43	-1.43	-1.43
	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.43	-1.42	-1.42
	-1.41	-1.40	-1.39	-1.38	-1.36	-1.35	-1.33	-1.31	-1.27	-1.23	-1.17	-1.11	-1.04	-0.97	-0.90
0 48	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.86	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.12	-1.15	-1.16	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.25	-1.26	-1.27	-1.29
	-1.30	-1.32	-1.33	-1.35	-1.36	-1.38	-1.39	-1.40	-1.42	-1.43	-1.43	-1.44	-1.44	-1.44	-1.44
	-1.44	-1.44	-1.44	-1.44	-1.44	-1.43	-1.43	-1.43	-1.43	-1.43	-1.42	-1.42	-1.42	-1.41	-1.40
	-1.39	-1.39	-1.37	-1.36	-1.35	-1.34	-1.32	-1.30	-1.27	-1.22	-1.17	-1.11	-1.04	-0.97	-0.90
0 49	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.86	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.24	-1.25	-1.26	-1.28	-1.29

	-1.31	-1.32	-1.34	-1.36	-1.37	-1.39	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.46	-1.46	-1.46
	-1.45	-1.45	-1.44	-1.44	-1.44	-1.43	-1.43	-1.43	-1.42	-1.42	-1.41	-1.41	-1.40	-1.40	-1.39
	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.31	-1.29	-1.26	-1.22	-1.17	-1.10	-1.04	-0.97	-0.90
0 50	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.86	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.21	-1.23	-1.24	-1.25	-1.27	-1.28	-1.30
	-1.31	-1.33	-1.35	-1.36	-1.38	-1.40	-1.42	-1.44	-1.45	-1.47	-1.48	-1.48	-1.48	-1.48	-1.47
	-1.46	-1.46	-1.45	-1.44	-1.44	-1.43	-1.43	-1.42	-1.42	-1.41	-1.41	-1.40	-1.39	-1.39	-1.38
	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.28	-1.25	-1.22	-1.16	-1.10	-1.04	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 51	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.86	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.25	-1.27	-1.28	-1.30
	-1.32	-1.34	-1.35	-1.37	-1.39	-1.42	-1.44	-1.46	-1.48	-1.49	-1.50	-1.50	-1.50	-1.49	-1.48
	-1.47	-1.46	-1.46	-1.45	-1.44	-1.43	-1.42	-1.42	-1.41	-1.40	-1.40	-1.39	-1.38	-1.38	-1.37
	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.28	-1.25	-1.21	-1.16	-1.10	-1.04	-0.97	-0.90
0 52	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29	-1.30
	-1.32	-1.34	-1.36	-1.38	-1.41	-1.43	-1.46	-1.48	-1.51	-1.52	-1.54	-1.54	-1.53	-1.51	-1.50
	-1.49	-1.47	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.40	-1.39	-1.38	-1.38	-1.37	-1.36
	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.27	-1.24	-1.21	-1.16	-1.10	-1.04	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 53	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29	-1.31
	-1.33	-1.34	-1.37	-1.39	-1.42	-1.44	-1.47	-1.51	-1.54	-1.57	-1.58	-1.58	-1.56	-1.54	-1.52
	-1.50	-1.48	-1.46	-1.45	-1.44	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.38	-1.37	-1.36	-1.35
	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.26	-1.24	-1.20	-1.16	-1.10	-1.04	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 54	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29	-1.31
	-1.33	-1.35	-1.37	-1.40	-1.42	-1.45	-1.49	-1.53	-1.57	-1.62	-1.65	-1.63	-1.59	-1.56	-1.53
	-1.50	-1.48	-1.46	-1.45	-1.44	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.37	-1.36	-1.35	-1.34
	-1.33	-1.32	-1.31	-1.31	-1.30	-1.29	-1.27	-1.26	-1.23	-1.20	-1.15	-1.10	-1.04	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 55	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.02
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29	-1.31
	-1.33	-1.35	-1.37	-1.40	-1.43	-1.46	-1.50	-1.55	-1.61	-1.69	-1.76	-1.70	-1.63	-1.58	-1.54
	-1.51	-1.48	-1.46	-1.45	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33
	-1.32	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.19	-1.15	-1.09	-1.04	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 56	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.10	-1.13	-1.15	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29	-1.31
	-1.33	-1.35	-1.37	-1.40	-1.43	-1.46	-1.50	-1.56	-1.63	-1.76	-2.02	-1.76	-1.65	-1.58	-1.54
	-1.51	-1.48	-1.46	-1.44	-1.43	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32
	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.24	-1.22	-1.19	-1.15	-1.09	-1.03	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 57	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.15	-1.16	-1.18	-1.19	-1.20	-1.21	-1.23	-1.24	-1.25	-1.27	-1.29	-1.30
	-1.32	-1.34	-1.37	-1.39	-1.42	-1.46	-1.49	-1.54	-1.60	-1.68	-1.76	-1.69	-1.62	-1.57	-1.53
	-1.50	-1.47	-1.45	-1.43	-1.42	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.32
	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.24	-1.21	-1.18	-1.14	-1.09	-1.03	-0.97	-0.90
	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
0 58	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.15	-1.16	-1.18	-1.19	-1.20	-1.21	-1.22	-1.24	-1.25	-1.27	-1.28	-1.30

	-1.32	-1.34	-1.36	-1.39	-1.41	-1.44	-1.48	-1.52	-1.56	-1.60	-1.63	-1.61	-1.58	-1.54	-1.51
	-1.48	-1.46	-1.44	-1.42	-1.41	-1.40	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.32	-1.31
	-1.30	-1.29	-1.28	-1.27	-1.26	-1.26	-1.24	-1.23	-1.21	-1.18	-1.14	-1.09	-1.03	-0.97	-0.90
0 59	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.06	-1.09	-1.12	-1.14	-1.16	-1.17	-1.18	-1.20	-1.21	-1.22	-1.23	-1.25	-1.26	-1.28	-1.29
	-1.31	-1.33	-1.35	-1.38	-1.40	-1.43	-1.46	-1.49	-1.52	-1.55	-1.56	-1.55	-1.53	-1.51	-1.49
	-1.47	-1.45	-1.43	-1.41	-1.40	-1.39	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.32	-1.31	-1.30
	-1.29	-1.28	-1.27	-1.27	-1.26	-1.25	-1.24	-1.22	-1.20	-1.17	-1.13	-1.08	-1.03	-0.96	-0.89
0 60	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.97	-1.01
	-1.05	-1.09	-1.12	-1.14	-1.16	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24	-1.26	-1.27	-1.29
	-1.31	-1.32	-1.34	-1.36	-1.39	-1.41	-1.43	-1.46	-1.48	-1.50	-1.51	-1.51	-1.50	-1.48	-1.46
	-1.45	-1.43	-1.41	-1.40	-1.39	-1.38	-1.36	-1.35	-1.34	-1.33	-1.32	-1.32	-1.31	-1.30	-1.29
	-1.28	-1.27	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.20	-1.17	-1.13	-1.08	-1.03	-0.96	-0.89
0 61	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.09	-1.12	-1.14	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.24	-1.25	-1.27	-1.28
	-1.30	-1.31	-1.33	-1.35	-1.37	-1.39	-1.41	-1.43	-1.45	-1.46	-1.47	-1.47	-1.46	-1.45	-1.44
	-1.42	-1.41	-1.40	-1.39	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.31	-1.30	-1.29	-1.28
	-1.27	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.21	-1.19	-1.16	-1.13	-1.08	-1.03	-0.96	-0.89
0 62	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.09	-1.11	-1.14	-1.15	-1.16	-1.17	-1.19	-1.20	-1.21	-1.22	-1.23	-1.25	-1.26	-1.27
	-1.29	-1.30	-1.32	-1.34	-1.35	-1.37	-1.39	-1.40	-1.42	-1.43	-1.43	-1.43	-1.43	-1.42	-1.41
	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.31	-1.30	-1.29	-1.28	-1.27
	-1.27	-1.26	-1.25	-1.24	-1.23	-1.23	-1.22	-1.20	-1.18	-1.16	-1.12	-1.08	-1.02	-0.96	-0.89
0 63	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.11	-1.13	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.23	-1.24	-1.25	-1.26
	-1.28	-1.29	-1.31	-1.32	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.40	-1.40	-1.40	-1.40	-1.39
	-1.38	-1.37	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.30	-1.29	-1.28	-1.27	-1.26
	-1.26	-1.25	-1.24	-1.23	-1.23	-1.22	-1.21	-1.20	-1.18	-1.15	-1.12	-1.07	-1.02	-0.96	-0.89
0 64	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.11	-1.13	-1.14	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.26
	-1.27	-1.28	-1.29	-1.31	-1.32	-1.33	-1.35	-1.36	-1.37	-1.37	-1.38	-1.38	-1.38	-1.38	-1.37
	-1.36	-1.36	-1.35	-1.34	-1.33	-1.32	-1.32	-1.31	-1.30	-1.29	-1.29	-1.28	-1.27	-1.26	-1.26
	-1.25	-1.24	-1.23	-1.23	-1.22	-1.21	-1.20	-1.19	-1.17	-1.15	-1.11	-1.07	-1.02	-0.96	-0.89
0 65	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.01
	-1.05	-1.08	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.25
	-1.26	-1.27	-1.28	-1.29	-1.31	-1.32	-1.33	-1.34	-1.34	-1.35	-1.35	-1.36	-1.36	-1.35	-1.35
	-1.35	-1.34	-1.33	-1.33	-1.32	-1.31	-1.30	-1.30	-1.29	-1.28	-1.28	-1.27	-1.26	-1.25	-1.25
	-1.24	-1.23	-1.23	-1.22	-1.21	-1.20	-1.20	-1.18	-1.17	-1.14	-1.11	-1.07	-1.02	-0.96	-0.89
0 66	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.08	-1.10	-1.12	-1.14	-1.15	-1.16	-1.17	-1.18	-1.18	-1.19	-1.20	-1.22	-1.23	-1.24
	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.33	-1.34	-1.34	-1.33	-1.33
	-1.33	-1.32	-1.32	-1.31	-1.31	-1.30	-1.29	-1.29	-1.28	-1.27	-1.27	-1.26	-1.25	-1.24	-1.24
	-1.23	-1.22	-1.22	-1.21	-1.20	-1.20	-1.19	-1.18	-1.16	-1.14	-1.11	-1.06	-1.01	-0.96	-0.89
0 67	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.34	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.41	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.21	-1.22

	-1.21	-1.21	-1.20	-1.19	-1.19	-1.18	-1.17	-1.16	-1.14	-1.12	-1.09	-1.05	-1.00	-0.95	-0.89
0 25	-0.81	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.94	-0.98
	-1.01	-1.03	-1.04	-1.06	-1.07	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12
	-1.12	-1.13	-1.13	-1.14	-1.14	-1.15	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19
	-1.20	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.23	-1.23	-1.24	-1.24	-1.24	-1.24	-1.23	-1.23
	-1.22	-1.22	-1.21	-1.20	-1.20	-1.19	-1.18	-1.17	-1.15	-1.12	-1.09	-1.05	-1.00	-0.95	-0.89
0 26	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.94	-0.98
	-1.01	-1.03	-1.05	-1.06	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12
	-1.13	-1.13	-1.14	-1.14	-1.15	-1.15	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.20
	-1.21	-1.21	-1.22	-1.22	-1.23	-1.23	-1.24	-1.24	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25	-1.25
	-1.24	-1.23	-1.22	-1.22	-1.21	-1.20	-1.19	-1.17	-1.15	-1.13	-1.09	-1.05	-1.00	-0.95	-0.89
0 27	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.94	-0.98
	-1.01	-1.03	-1.05	-1.06	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13
	-1.13	-1.14	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21
	-1.22	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.27	-1.27	-1.27	-1.26
	-1.25	-1.25	-1.24	-1.23	-1.22	-1.21	-1.20	-1.18	-1.16	-1.13	-1.10	-1.05	-1.01	-0.95	-0.89
0 28	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.98
	-1.01	-1.04	-1.05	-1.07	-1.08	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.12	-1.12	-1.13	-1.13
	-1.14	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.18	-1.19	-1.20	-1.20	-1.21	-1.21	-1.22
	-1.23	-1.23	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.28	-1.29	-1.29	-1.29	-1.29	-1.28
	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.20	-1.19	-1.16	-1.14	-1.10	-1.06	-1.01	-0.95	-0.89
0 29	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.98
	-1.01	-1.04	-1.06	-1.07	-1.08	-1.09	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.13	-1.13	-1.14
	-1.14	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.20	-1.21	-1.22	-1.22	-1.23
	-1.24	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.32	-1.31	-1.30
	-1.29	-1.27	-1.26	-1.25	-1.24	-1.22	-1.21	-1.19	-1.17	-1.14	-1.10	-1.06	-1.01	-0.95	-0.89
0 30	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.98
	-1.02	-1.04	-1.06	-1.07	-1.08	-1.09	-1.10	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14
	-1.15	-1.16	-1.16	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.24
	-1.24	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.35	-1.35	-1.34	-1.32
	-1.30	-1.29	-1.27	-1.26	-1.24	-1.23	-1.22	-1.20	-1.18	-1.15	-1.11	-1.06	-1.01	-0.95	-0.89
0 31	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.04	-1.06	-1.08	-1.09	-1.09	-1.10	-1.11	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14	-1.15
	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25
	-1.25	-1.26	-1.27	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.34	-1.36	-1.38	-1.41	-1.38	-1.35
	-1.32	-1.30	-1.28	-1.27	-1.25	-1.24	-1.22	-1.20	-1.18	-1.15	-1.11	-1.06	-1.01	-0.96	-0.89
0 32	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.05	-1.07	-1.08	-1.09	-1.10	-1.10	-1.11	-1.12	-1.12	-1.13	-1.13	-1.14	-1.15	-1.15
	-1.16	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25
	-1.26	-1.27	-1.28	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.35	-1.38	-1.42	-1.52	-1.41	-1.36
	-1.33	-1.31	-1.29	-1.27	-1.26	-1.25	-1.23	-1.21	-1.18	-1.15	-1.11	-1.07	-1.02	-0.96	-0.89
0 33	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.05	-1.07	-1.08	-1.09	-1.10	-1.11	-1.11	-1.12	-1.13	-1.13	-1.14	-1.14	-1.15	-1.16
	-1.16	-1.17	-1.18	-1.18	-1.19	-1.20	-1.21	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.26	-1.26
	-1.27	-1.28	-1.29	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.36	-1.38	-1.40	-1.43	-1.39	-1.36

	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.21	-1.17	-1.13	-1.08	-1.02	-0.96	-0.90	
0 43	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00	
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.19	-1.20	
	-1.21	-1.22	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.30	-1.31	-1.32	-1.33	-1.34	
	-1.35	-1.36	-1.37	-1.38	-1.39	-1.41	-1.42	-1.44	-1.44	-1.43	-1.41	-1.40	-1.38	-1.36	-1.35	
	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.21	-1.17	-1.13	-1.08	-1.02	-0.96	-0.90	
0 44	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.20	-1.21	
	-1.22	-1.23	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	
	-1.36	-1.37	-1.38	-1.39	-1.40	-1.42	-1.44	-1.46	-1.49	-1.46	-1.43	-1.40	-1.38	-1.36	-1.35	
	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.21	-1.17	-1.13	-1.08	-1.03	-0.96	-0.90	
0 45	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.20	-1.21	
	-1.22	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	
	-1.36	-1.37	-1.38	-1.40	-1.41	-1.43	-1.45	-1.49	-1.59	-1.49	-1.44	-1.41	-1.38	-1.36	-1.35	
	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.21	-1.17	-1.13	-1.08	-1.03	-0.96	-0.90	
0 46	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.20	-1.21	
	-1.22	-1.23	-1.24	-1.25	-1.26	-1.27	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.36	
	-1.37	-1.38	-1.39	-1.40	-1.41	-1.43	-1.45	-1.47	-1.49	-1.46	-1.43	-1.40	-1.38	-1.36	-1.35	
	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27	-1.25	-1.23	-1.21	-1.17	-1.13	-1.08	-1.03	-0.96	-0.90	
0 47	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.11	-1.13	-1.14	-1.15	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	
	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	
	-1.38	-1.39	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.45	-1.44	-1.42	-1.40	-1.38	-1.36	-1.34	
	-1.33	-1.31	-1.30	-1.29	-1.27	-1.26	-1.25	-1.23	-1.20	-1.17	-1.13	-1.08	-1.03	-0.96	-0.90	
0 48	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	
	-1.23	-1.24	-1.25	-1.26	-1.27	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	
	-1.38	-1.39	-1.40	-1.40	-1.41	-1.42	-1.42	-1.43	-1.43	-1.42	-1.40	-1.39	-1.37	-1.35	-1.34	
	-1.32	-1.31	-1.30	-1.28	-1.27	-1.26	-1.25	-1.23	-1.20	-1.17	-1.13	-1.08	-1.03	-0.96	-0.90	
0 49	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	
	-1.23	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	
	-1.39	-1.40	-1.40	-1.41	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40	-1.39	-1.38	-1.36	-1.35	-1.33	
	-1.32	-1.31	-1.29	-1.28	-1.27	-1.26	-1.24	-1.23	-1.20	-1.17	-1.13	-1.08	-1.02	-0.96	-0.90	
0 50	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	
	-1.24	-1.25	-1.26	-1.27	-1.28	-1.30	-1.31	-1.32	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.39	
	-1.40	-1.40	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40	-1.40	-1.39	-1.38	-1.37	-1.35	-1.34	-1.33	
	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.24	-1.22	-1.20	-1.17	-1.13	-1.08	-1.02	-0.96	-0.90	
0 51	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11	-0.07	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	
	-1.24	-1.25	-1.26	-1.28	-1.29	-1.30	-1.32	-1.33	-1.34	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	
	-1.41	-1.41	-1.41	-1.41	-1.41	-1.40	-1.40	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.33	-1.32	

	-1.31	-1.30	-1.29	-1.27	-1.26	-1.25	-1.24	-1.22	-1.20	-1.17	-1.13	-1.08	-1.02	-0.96	-0.90
0 52	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.24	-1.25	-1.27	-1.28	-1.29	-1.31	-1.32	-1.34	-1.35	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42
	-1.42	-1.42	-1.42	-1.41	-1.41	-1.40	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32
	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.24	-1.22	-1.19	-1.16	-1.12	-1.08	-1.02	-0.96	-0.90
0 53	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.24	-1.26	-1.27	-1.28	-1.30	-1.31	-1.33	-1.34	-1.36	-1.38	-1.39	-1.41	-1.42	-1.43	-1.44
	-1.44	-1.43	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.38	-1.37	-1.36	-1.34	-1.33	-1.32	-1.31
	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.23	-1.22	-1.19	-1.16	-1.12	-1.07	-1.02	-0.96	-0.90
0 54	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.25	-1.26	-1.27	-1.29	-1.30	-1.32	-1.33	-1.35	-1.37	-1.39	-1.40	-1.42	-1.44	-1.45	-1.46
	-1.45	-1.45	-1.43	-1.42	-1.41	-1.40	-1.39	-1.38	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.30
	-1.29	-1.28	-1.27	-1.26	-1.25	-1.24	-1.23	-1.21	-1.19	-1.16	-1.12	-1.07	-1.02	-0.96	-0.90
0 55	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.25	-1.26	-1.27	-1.29	-1.30	-1.32	-1.34	-1.36	-1.38	-1.40	-1.42	-1.44	-1.46	-1.48	-1.49
	-1.48	-1.46	-1.44	-1.43	-1.41	-1.40	-1.39	-1.38	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30
	-1.29	-1.28	-1.27	-1.26	-1.25	-1.24	-1.22	-1.21	-1.19	-1.16	-1.12	-1.07	-1.02	-0.96	-0.89
0 56	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.25	-1.26	-1.27	-1.29	-1.30	-1.32	-1.34	-1.36	-1.38	-1.41	-1.43	-1.46	-1.49	-1.52	-1.54
	-1.51	-1.48	-1.45	-1.43	-1.41	-1.40	-1.38	-1.37	-1.36	-1.35	-1.34	-1.32	-1.31	-1.30	-1.29
	-1.28	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.20	-1.18	-1.15	-1.12	-1.07	-1.02	-0.96	-0.89
0 57	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.25	-1.26	-1.27	-1.29	-1.31	-1.32	-1.34	-1.36	-1.39	-1.41	-1.44	-1.47	-1.51	-1.55	-1.65
	-1.54	-1.49	-1.46	-1.43	-1.41	-1.39	-1.38	-1.37	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29
	-1.28	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.20	-1.18	-1.15	-1.11	-1.07	-1.02	-0.96	-0.89
0 58	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.10	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23
	-1.24	-1.26	-1.27	-1.29	-1.30	-1.32	-1.34	-1.36	-1.39	-1.42	-1.45	-1.49	-1.52	-1.56	-1.65
	-1.52	-1.48	-1.45	-1.43	-1.41	-1.39	-1.37	-1.36	-1.35	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28
	-1.27	-1.26	-1.25	-1.24	-1.23	-1.22	-1.21	-1.20	-1.18	-1.15	-1.11	-1.07	-1.02	-0.96	-0.89
0 59	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.22	-1.23	-1.23
	-1.24	-1.25	-1.27	-1.28	-1.30	-1.32	-1.34	-1.36	-1.39	-1.42	-1.46	-1.50	-1.55	-1.54	-1.52
	-1.50	-1.47	-1.44	-1.42	-1.40	-1.38	-1.36	-1.35	-1.34	-1.33	-1.32	-1.30	-1.29	-1.28	-1.27
	-1.26	-1.25	-1.24	-1.24	-1.23	-1.22	-1.21	-1.19	-1.17	-1.15	-1.11	-1.07	-1.02	-0.96	-0.89
0 60	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.23	-1.23
	-1.24	-1.25	-1.27	-1.28	-1.30	-1.32	-1.34	-1.36	-1.38	-1.41	-1.45	-1.51	-1.63	-1.54	-1.50
	-1.47	-1.45	-1.42	-1.40	-1.39	-1.37	-1.36	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27

	-1.26	-1.25	-1.24	-1.23	-1.22	-1.21	-1.20	-1.19	-1.17	-1.14	-1.11	-1.06	-1.01	-0.96	-0.89
0 61	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22
	-1.23	-1.25	-1.26	-1.28	-1.29	-1.31	-1.33	-1.35	-1.37	-1.40	-1.43	-1.47	-1.51	-1.49	-1.47
	-1.45	-1.43	-1.41	-1.39	-1.37	-1.36	-1.35	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26
	-1.25	-1.24	-1.23	-1.22	-1.22	-1.21	-1.20	-1.18	-1.16	-1.14	-1.10	-1.06	-1.01	-0.96	-0.89
0 62	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.04	-1.07	-1.09	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22
	-1.23	-1.24	-1.26	-1.27	-1.28	-1.30	-1.32	-1.34	-1.36	-1.38	-1.41	-1.43	-1.45	-1.44	-1.43
	-1.42	-1.40	-1.39	-1.37	-1.36	-1.35	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25
	-1.24	-1.24	-1.23	-1.22	-1.21	-1.20	-1.19	-1.18	-1.16	-1.13	-1.10	-1.06	-1.01	-0.96	-0.89
0 63	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.03	-1.06	-1.09	-1.11	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21
	-1.22	-1.24	-1.25	-1.26	-1.28	-1.29	-1.31	-1.32	-1.34	-1.36	-1.38	-1.40	-1.41	-1.41	-1.40
	-1.39	-1.38	-1.37	-1.36	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.25
	-1.24	-1.23	-1.22	-1.21	-1.20	-1.20	-1.19	-1.17	-1.16	-1.13	-1.10	-1.06	-1.01	-0.95	-0.89
0 64	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.96	-1.00
	-1.03	-1.06	-1.09	-1.10	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.21
	-1.22	-1.23	-1.24	-1.25	-1.27	-1.28	-1.30	-1.31	-1.33	-1.34	-1.35	-1.37	-1.37	-1.38	-1.37
	-1.37	-1.36	-1.35	-1.34	-1.33	-1.32	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.25	-1.24
	-1.23	-1.22	-1.21	-1.21	-1.20	-1.19	-1.18	-1.17	-1.15	-1.13	-1.10	-1.05	-1.01	-0.95	-0.89
0 65	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.95	-1.00
	-1.03	-1.06	-1.08	-1.10	-1.11	-1.12	-1.13	-1.14	-1.15	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20
	-1.21	-1.22	-1.23	-1.25	-1.26	-1.27	-1.28	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.35	-1.35
	-1.34	-1.34	-1.33	-1.32	-1.31	-1.31	-1.30	-1.29	-1.28	-1.27	-1.26	-1.25	-1.25	-1.24	-1.23
	-1.22	-1.21	-1.21	-1.20	-1.19	-1.18	-1.18	-1.16	-1.15	-1.12	-1.09	-1.05	-1.01	-0.95	-0.89
0 66	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.95	-0.99
	-1.03	-1.06	-1.08	-1.10	-1.11	-1.12	-1.13	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20
	-1.21	-1.22	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.32	-1.33	-1.33
	-1.32	-1.32	-1.31	-1.31	-1.30	-1.29	-1.28	-1.28	-1.27	-1.26	-1.25	-1.24	-1.24	-1.23	-1.22
	-1.21	-1.21	-1.20	-1.19	-1.19	-1.18	-1.17	-1.16	-1.15	-1.12	-1.09	-1.05	-1.00	-0.95	-0.89
0 67	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.91	-0.95	-0.99
	-1.03	-1.06	-1.08	-1.09	-1.11	-1.11	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19
	-1.20	-1.21	-1.22	-1.23	-1.24	-1.25	-1.26	-1.26	-1.27	-1.28	-1.29	-1.29	-1.30	-1.30	-1.30
	-1.30	-1.30	-1.29	-1.29	-1.28	-1.27	-1.27	-1.26	-1.25	-1.25	-1.24	-1.23	-1.23	-1.22	-1.21
	-1.21	-1.20	-1.19	-1.18	-1.18	-1.17	-1.16	-1.15	-1.14	-1.11	-1.08	-1.05	-1.00	-0.95	-0.89
0 68	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.79	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.05	-1.07	-1.09	-1.10	-1.11	-1.11	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16	-1.17	-1.18
	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.23	-1.24	-1.25	-1.25	-1.26	-1.26	-1.27	-1.27	-1.27
	-1.27	-1.27	-1.26	-1.26	-1.26	-1.25	-1.25	-1.24	-1.24	-1.23	-1.22	-1.22	-1.21	-1.20	-1.20
	-1.19	-1.19	-1.18	-1.17	-1.17	-1.16	-1.15	-1.14	-1.13	-1.11	-1.08	-1.04	-1.00	-0.95	-0.89
0 69	-0.82	-0.74	-0.66	-0.58	-0.50	-0.42	-0.35	-0.27	-0.20	-0.15	-0.11				
	-0.10	-0.14	-0.20	-0.27	-0.34	-0.42	-0.49	-0.56	-0.64	-0.72	-0.78	-0.85	-0.90	-0.95	-0.99
	-1.02	-1.04	-1.06	-1.08	-1.09	-1.10	-1.10	-1.11	-1.12	-1.12	-1.13	-1.14	-1.14	-1.15	-1.16
	-1.17	-1.17	-1.18	-1.19	-1.19	-1.20	-1.21	-1.21	-1.22	-1.22	-1.23	-1.23	-1.23	-1.23	-1.23
	-1.23	-1.23	-1.23	-1.23	-1.23	-1.22	-1.22	-1.21	-1.21	-1.20	-1.20	-1.19	-1.19	-1.18	-1.18

VOLUMETRIC BUDGET FOR ENTIRE MODEL AT END OF TIME STEP 50 IN STRESS PERIOD 1

	CUMULATIVE VOLUMES	L**3		RATES FOR THIS TIME STEP	L**3/T
0	IN:			IN:	
	---			---	
	STORAGE =	0.50188E+08		STORAGE =	0.55760E+06
	CONSTANT HEAD =	0.00000		CONSTANT HEAD =	0.00000
	WELLS =	0.00000		WELLS =	0.00000
0	TOTAL IN =	0.50188E+08		TOTAL IN =	0.55760E+06
0	OUT:			OUT:	
	---			---	
	STORAGE =	0.37564E-01		STORAGE =	0.00000
	CONSTANT HEAD =	0.00000		CONSTANT HEAD =	0.00000
	WELLS =	0.50191E+08		WELLS =	0.55767E+06
0	TOTAL OUT =	0.50191E+08		TOTAL OUT =	0.55767E+06
0	IN - OUT =	-2700.0		IN - OUT =	-69.813
0	PERCENT DISCREPANCY =	-0.01		PERCENT DISCREPANCY =	-0.01

TIME SUMMARY AT END OF TIME STEP 50 IN STRESS PERIOD 1

	SECONDS	MINUTES	HOURS	DAYS	YEARS
TIME STEP LENGTH	712983.	11883.0	198.051	8.25212	0.225931E-01
STRESS PERIOD TIME	0.777600E+07	129600.	2160.00	90.0000	0.246407
TOTAL SIMULATION TIME	0.777600E+07	129600.	2160.00	90.0000	0.246407