

PUMPING TEST FORM

3<sup>rd</sup> Test

PROJECT Roschman WELL S1 LOCATION Stuart PAGE      OF     

SCREEN      M.P. 17.16 MSL HT. ABOVE G.S.      W.L. MEAS. W/     

PUMPING WELL      Q      ORIFICE      WEATHER     

DRAWDOWN  RECOVERY  LOCATION SKETCH S1

TEST START 9-19-78 1235hrs  
END 9-22-78 1230hrs

DATE TIME	t	HELD	WET	D.T.W.	s		MANO-METER	Q	WATER TEMP.
9/19 0735		8.00	1.67	6.33		10.85			
1000		8.00	1.67	6.33		10.83			
1058		8.00	1.68	6.32		10.84			
<del>11</del>									
1405	90	8.00	0.85	7.15	0.83	10.01			
1505	150	8.00	0.63	7.37	1.05	9.79			
1545	190	8.00	0.53	7.47	1.15	9.89			
1730	295	8.00	0.33	7.67	1.35	9.49			
1900	385	9.00	1.23	7.77	1.45	9.39			
2008	453	9.00	1.13	7.87	1.55	9.29			
2142	547	9.00	1.06	7.94	1.62	9.22			
2344	669	9.00	1.00	8.00	1.68	9.16			
9/20 0146	791	9.00	0.98	8.02	1.70	9.14			
0345	910	9.00	0.76	8.04	1.72	9.12			
0545	1030	9.00	0.92	8.08	1.76	9.09			
0750	1165	9.00	0.87	8.13	1.81	9.03			
0925	1250	9.00	0.82	8.18	1.86	8.98			
1120	1365	9.00	0.78	8.22	1.90	8.94			
1320	1485	9.00	0.78	8.22	1.90	8.94			
1520	1605	9.00	0.77	8.23	1.91	8.93			
1630	1675	9.00	0.76	8.24	1.92	8.92			
1837	1802	9.00	0.73	8.27	1.95	8.89			
2030	1905	9.00	0.70	8.30	1.98	8.86			
2230	2035	9.00	0.77	8.23	1.91	8.93			
9/21 0040	2165	9.00	0.65	8.35	2.03	8.81			
0347	2352	9.00	0.63	8.37	2.05	8.79			
0630	2515	9.00	0.64	8.36	2.04	8.77			
1230	2875	9.00	0.57	8.43	2.11	8.73			
1505	3030	9.00	0.58	8.42	2.10	8.74			
1715	3160	9.00	0.56	8.44	2.12	8.72			
2015	3340	9.00	0.53	8.47	2.15	8.69			
2330	3535	9.00	0.50	8.50	2.18	8.66			
9/22 0230	3715	9.00	0.53	8.47	2.15	8.69			
0513	3878	9.00	0.52	8.48	2.16	8.68			
0825	4070	9.00	0.48	8.52	2.20	8.64			

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PUMPING TEST FORM

3<sup>rd</sup> Test

PROJECT Roschman WELL D1 LOCATION Stuart PAGE      OF     

SCREEN      M.P. 17.33 MSL HT. ABOVE G.S.      W.L. MEAS. W/     

PUMPING WELL      Q      ORIFICE      WEATHER     

DRAWDOWN  RECOVERY  LOCATION SKETCH

TEST START 9-19-78 12:35 hr  
END 9-22-78 12:30 hr

9/19

9/20

9/21

9/22

DATE TIME	t	HELD	WET	D.T.W.	s	SLV +msl	MANO-METER	Q	WATER TEMP.
0735		8.00	0.55	7.45		9.88			
1600		8.00	0.55	7.45		9.88			
1058		8.00	0.53	7.47		9.86			
1405	90	9.00	1.04	7.96	0.51	9.37			
1505	150	9.00	0.91	8.09	0.64	9.24			
1545	190	9.00	0.83	8.17	0.72	9.16			
1730	295	9.00	0.75	8.25	0.80	9.08			
1856	383	9.00	0.70	8.30	0.85	9.03			
1919	<del>404</del>	9.00	--						
2006	451	9.00	0.61	8.39	0.94	8.94			
2140	545	9.00	0.58	8.42	0.97	8.91			
2342	667	9.00	0.50	8.50	1.05	8.83			
0144	789	9.00	0.50	8.50	1.05	8.83			
0344	909	9.00	0.50	8.50	1.05	8.83			
0543	1028	9.00	0.48	8.52	1.07	8.81			
0750	1165	9.00	0.43	8.57	1.12	8.76			
0925	1250	9.00	0.38	8.62	1.17	8.71			
1120	1365	9.00	0.35	8.65	1.20	8.66			
1320	1485	9.00	0.32	8.68	1.23	8.63			
1520	1605	9.00	0.31	8.69	1.24	8.62			
1636	1675	9.00	0.30	8.70	1.25	8.63			
1835	1800	9.00	0.31	8.69	1.24	8.64			
2030	1905	9.00	0.28	8.72	1.27	8.61			
2230	2035	9.00	0.23	8.77	1.32	8.56			
0540	2165	9.00	0.22	8.78	1.33	8.54			
0345	2350	9.00	0.22	8.78	1.33	8.54			
0630	2515	9.00	0.24	8.76	1.31	8.57			
1230	2875	9.00	0.24	8.76	1.31	8.57			
1505	3030	9.00	0.26	8.74	1.29	8.59			
1715	3160	9.00	0.25	8.75	1.30	8.58			
2015	3340	9.00	0.22	8.78	1.33	8.55			
2330	3535	9.00	0.21	8.79	1.34	8.54			
0230	3715	9.00	0.21	8.79	1.34	8.54			
0413	3818	9.00	0.21	8.79	1.34	8.54			
0825	4070	9.00	0.21	8.79	1.34	8.54			
1025	4230	9.00	0.21	8.79	1.34	8.54			

PUMPING TEST FORM

PROJECT Roschman WELL A1 LOCATION Stuart PAGE 1 OF 2

SCREEN \_\_\_\_\_ M.P. To C. HT. ABOVE msl 17.33 W.L. MEAS: W/ Tape

198  
200 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3"x4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A1 TEST START 9-19-78 12:35 hr  
END 9-22-78 12:30 hr

DATE TIME	t	HELD	WET	D.T.W.	s	El. of +msl	MANO-METER	Q	WATER TEMP.
9/19 1235	0	8.00	1.32	6.68		10.65			
	0.75	8.00	1.00	7.00	0.32	10.33			
	1.50	8.00	0.90	7.10	0.42	10.23			
	2.25	8.00	0.79	7.7	0.53	10.12			
	3.00	8.00	0.73	7.27	0.59	10.06			
	4	8.00	0.66	7.34	0.66	9.99			
	5	8.00	0.62	7.38	0.70	9.95			
	6	8.00	0.58	7.42	0.74	9.91			
	7	8.00	0.54	7.46	0.78	9.87			
	8	8.00	0.51	7.49	0.81	9.84			
	9	8.00	0.49	7.51	0.83	9.82			
	10	8.00	0.47	7.53	0.85	9.80			
	11	8.00	0.46	7.54	0.86	9.79			
	12	8.00	0.45	7.55	0.87	9.78			
	13	8.00	0.40	7.60	0.92	9.73			
	15	8.00	0.37	7.63	0.95	9.70			
	18.25	8.00	0.32	7.68	1.00	9.65			
	20	8.00	0.32	7.68	1.00	9.65			
	21	8.00	0.33	7.67	0.99	9.66			
	22	8.00	0.30	7.70	1.02	9.63			
	26	8.00	0.25	7.75	1.07	9.58			
	28	8.00	0.29	7.71	1.03	9.62			
	30	8.00	0.28	7.72	1.04	9.61			
	34	8.00	0.24	7.76	1.08	9.57			
	36	8.00	0.23	7.77	1.09	9.56			
	38	8.00	0.21	7.79	1.11	9.54			
	40	8.00	0.21	7.79	1.11	9.54			
	45	8.00	0.21	7.79	1.11	9.54			
	50	8.00	0.19	7.81	1.13	9.52			
	60	8.00	0.18	7.84	1.16	9.49			
	70	8.00	0.18	7.87	1.19	9.46			
	80	9.00	0.18	7.90	1.22	9.43			
	90	9.00	0.17	7.93	1.25	9.40			
	100	9.00	1.06	7.94	1.26	9.39			
	110	9.00	1.06	7.94	1.26	9.39			
	140	9.00	0.98	8.02	1.34	9.31			
	150	9.00	0.98	8.02	1.34	9.31			
	190	9.00	0.94	8.06	1.38	9.27			

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PUMPING TEST FORM

PROJECT Roschman WELL A1 LOCATION Stuart PAGE 2 OF 2

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE G.S. 17.33 W.L. MEAS. W/ Tape

200 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH A1 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs.

DATE TIME	t	HELD	WET	D.T.W.	s	Elev +msl	MANO- METER	Q	WATER TEMP.
9/19	230	9.00	0.90	8.10	1.42	9.23			
	240	9.00	0.87	8.13	1.45	9.20			
	270	9.00	0.85	8.15	1.47	9.18			
	295	9.00	0.82	8.18	1.50	9.15			
	315	9.00	0.81	8.19	1.51	9.14			
	330	9.00	0.79	8.21	1.53	9.12			
9/19	1911	396	9.00	0.75	8.25	1.57	9.09		
	2014	459	9.00	0.70	8.30	1.62	9.04		
	2144	549	9.00	0.65	8.35	1.67	8.98		
	2317	672	9.00	0.61	8.39	1.71	8.94		
9/20	0149	794	9.00	0.58	8.42	1.74	8.91		
	0348	913	9.00	0.56	8.44	1.76	8.89		
	0548	1013	9.00	0.54	8.46	1.78	8.87		
	0755	1160	9.00	0.51	8.49	1.81	8.84		
	0925	1250	9.00	0.46	8.54	1.86	8.79		
	1125	1370	9.00	0.42	8.58	1.90	8.75		
	1325	1490	9.00	0.41	8.59	1.91	8.74		
	1525	1610	9.00	0.40	8.60	1.92	8.73		
	1635	1680	9.00	0.40	8.60	1.92	8.73		
	1848	1813	9.00	0.36	8.69	1.96	8.69		
	2033	1918	9.00	0.33	8.77	1.99	8.66		
	2234	2039	9.00	0.32	8.78	2.00	8.65		
9/21	0044	2159	9.00	0.31	8.69	2.01	8.64		
	0350	2325	9.00	0.28	8.72	2.04	8.61		
	0636	2521	9.00	0.27	8.73	2.05	8.60		
	1230	2875	9.00	0.31	8.79	2.01	8.64		
	1505	3030	9.00	0.31	8.69	2.01	8.64		
	1715	3190	9.00	0.32	8.68	2.00	8.65		
	1917	3342	9.00	0.29	8.71	2.03	8.62		
	2337	3542	9.00	0.24	8.76	2.08	8.57		
9/22	0237	3722	9.00	0.24	8.76	2.08	8.57		
	0517	3882	9.00	0.25	8.75	2.07	8.58		
	0835	4080	9.00	0.22	8.78	2.10	8.55		
	1230	4315	9.00	0.20	8.80	2.12	8.53		

A1

PUMPING TEST FORM

PROJECT Reichman WELL A1 LOCATION Siwash PAGE 1 OF 2  
 SCREEN \_\_\_\_\_ M.P. To C HT. ABOVE G.S. 17.83 W.L. MEAS. W/ Tape  
198

2.00 ft PUMPING WELL Q 300 gpm ORIFICE 3" X 4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A1 TEST START 9-19-78 END 9-22-78

DATE TIME	t	HELD	WET	D.T.W.	s	$\frac{t}{r^2}$	MANO-METER	Q	WATER TEMP.
7:35	0	2.55	1.22	6.62					
7:40	5	2.00	1.00	7.06	5.22	1.91	$\times 10^{-5}$		
7:45	10	2.00	0.90	7.10	5.42	3.83			
7:50	15	2.00	0.79	7.21	5.53	5.74			
7:55	20	2.00	0.73	7.27	5.59	7.65			
8:00	25	2.00	0.66	7.34	5.66	1.02	$\times 10^{-4}$		
8:05	30	2.00	0.62	7.38	5.70	1.28			
8:10	35	2.00	0.56	7.42	5.79	1.53			
8:15	40	2.00	0.52	7.46	5.85	1.79			
8:20	45	2.00	0.51	7.49	5.87	2.04			
8:25	50	2.00	0.49	7.51	5.88	2.30			
8:30	55	2.00	0.47	7.53	5.89	2.55			
8:35	60	2.00	0.46	7.54	5.90	2.81			
8:40	65	2.00	0.45	7.55	5.91	3.06			
8:45	70	2.00	0.44	7.56	5.92	3.32			
8:50	75	2.00	0.43	7.57	5.93	3.57			
8:55	80	2.00	0.42	7.58	5.94	3.83			
9:00	85	2.00	0.41	7.59	5.95	4.08			
9:05	90	2.00	0.40	7.60	5.96	4.34			
9:10	95	2.00	0.39	7.61	5.97	4.60			
9:15	100	2.00	0.38	7.62	5.98	4.85			
9:20	105	2.00	0.37	7.63	5.99	5.11			
9:25	110	2.00	0.36	7.64	6.00	5.36			
9:30	115	2.00	0.35	7.65	6.01	5.61			
9:35	120	2.00	0.34	7.66	6.02	5.87			
9:40	125	2.00	0.33	7.67	6.03	6.12			
9:45	130	2.00	0.32	7.68	6.04	6.38			
9:50	135	2.00	0.31	7.69	6.05	6.63			
9:55	140	2.00	0.30	7.70	6.06	6.89			
10:00	145	2.00	0.29	7.71	6.07	7.14			
10:05	150	2.00	0.28	7.72	6.08	7.40			
10:10	155	2.00	0.27	7.73	6.09	7.65			
10:15	160	2.00	0.26	7.74	6.10	7.91			
10:20	165	2.00	0.25	7.75	6.11	8.16			
10:25	170	2.00	0.24	7.76	6.12	8.42			
10:30	175	2.00	0.23	7.77	6.13	8.67			
10:35	180	2.00	0.22	7.78	6.14	8.93			
10:40	185	2.00	0.21	7.79	6.15	9.18			
10:45	190	2.00	0.20	7.80	6.16	9.44			
10:50	195	2.00	0.19	7.81	6.17	9.69			
10:55	200	2.00	0.18	7.82	6.18	9.95			
11:00	205	2.00	0.17	7.83	6.19	10.20			
11:05	210	2.00	0.16	7.84	6.20	10.46			
11:10	215	2.00	0.15	7.85	6.21	10.71			
11:15	220	2.00	0.14	7.86	6.22	10.97			
11:20	225	2.00	0.13	7.87	6.23	11.22			
11:25	230	2.00	0.12	7.88	6.24	11.48			
11:30	235	2.00	0.11	7.89	6.25	11.73			
11:35	240	2.00	0.10	7.90	6.26	12.00			
11:40	245	2.00	0.09	7.91	6.27	12.25			
11:45	250	2.00	0.08	7.92	6.28	12.51			
11:50	255	2.00	0.07	7.93	6.29	12.76			
11:55	260	2.00	0.06	7.94	6.30	13.02			
12:00	265	2.00	0.05	7.95	6.31	13.27			
12:05	270	2.00	0.04	7.96	6.32	13.53			
12:10	275	2.00	0.03	7.97	6.33	13.78			
12:15	280	2.00	0.02	7.98	6.34	14.04			
12:20	285	2.00	0.01	7.99	6.35	14.29			
12:25	290	2.00	0.00	8.00	6.36	14.55	$\times 10^{-3}$		

M



PUMPING TEST FORM

PROJECT Roschman WELL A2 LOCATION Stuart PAGE      OF       
 SCREEN      M.P. 16.00 mbl <sup>14.77</sup> (including extension) HT. ABOVE G.S.      W.L. MEAS. W/     

r      PUMPING WELL      Q      ORIFICE      WEATHER     

DRAWDOWN  RECOVERY  LOCATION SKETCH TEST START 9-19-78  
 END 9-22-78

DATE TIME	t	HELD	WET	D.T.W.	s	COEFFICIENT ABSORB M.B.L.	MANO- METER	Q	WATER TEMP.	
919 0730	-305	5.00	0.53	4.47		10.30				
1005	-150	5.00	0.50	4.50		10.27				
1107	-88	5.00	0.52	4.48		10.29				
1415	100	8.00	0.99	7.01	2.53	7.76				1235 Test start
1535	180	8.00	0.82	7.18	2.70	7.59				
1907	392	8.00	0.53	7.47	2.99	7.30				
2338	663	8.00	0.47	7.53	3.05	7.24				
920 0141	786	8.00	0.42	7.58	3.10	7.19				
0341	906	8.00	0.32	7.68	3.20	7.09				
0536	1023	8.00	0.32	7.68	3.20	7.09				
1410	1535	9.00	1.16	7.89	3.36	6.93				
1843	1808	9.00	1.10	7.90	3.42	6.87				
921 0430	2395	9.00	1.10	7.90	3.42	6.87				
1230	2875	9.00	1.09	7.96	3.48	6.81				
1230	2875	ADDED	1.23 ft	to TOC						
1230	2875	10.00	0.81	9.19	3.48	6.81				
1505	3030	10.00	0.82	9.18	3.47	6.82				
1800	3205	10.00	0.80	9.20	3.49	6.80				
922 0030	3545	10.00	0.78	9.22	3.51	6.78				
0825	4070	10.00	0.73	9.27	3.56	6.73				
1215	4300	10.00	0.72	9.28	3.57	6.72				

PUMPING TEST FORM

3<sup>rd</sup> Test

PROJECT Roschman WELL \_\_\_\_\_ LOCATION \_\_\_\_\_ PAGE 1 OF 2

SCREEN \_\_\_\_\_ M.P. \_\_\_\_\_ HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r \_\_\_\_\_ PUMPING WELL \_\_\_\_\_ Q \_\_\_\_\_ ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

A2 ~~XXXXXXXXXX~~

TEST START 9/19 / 1230 PM  
END \_\_\_\_\_

DRAWDOWN — RECOVERY — LOCATION SKETCH  
Static DTW 4.40

DATE TIME	t	HELD	WET	D.T.W.	s	Staff gage	MANO-METER	Q	WATER TEMP.
<del>0730</del>		<del>5.00</del>	<del>0.53</del>	<del>4.47</del>					<del>A2</del>
0730		5.00	0.53	4.47					A2
<del>1005</del>		<del>5.50</del>	<del>0.57</del>	<del>4.50</del>					<del>A2</del>
1005		5.50	0.57	4.50					A2
<del>1107</del>		<del>5.50</del>	<del>0.57</del>	<del>4.48</del>					<del>A2</del>
1107		5.50	0.57	4.48					A2
<del>1415</del>		<del>8.00</del>	<del>0.99</del>	<del>7.01</del>	<del>253</del>				<del>A2</del>
1415		8.00	0.99	7.01	253				A2
<del>1535</del>		<del>8.00</del>	<del>0.82</del>	<del>7.18</del>	<del>2.10</del>				<del>A2</del>
1535		8.00	0.82	7.18	2.10	1/2"	51"		A2

PUMPING TEST FORM

PROJECT \_\_\_\_\_ WELL A2 LOCATION \_\_\_\_\_ PAGE 2 OF 2

SCREEN \_\_\_\_\_ M.P. 14.77 MS HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r \_\_\_\_\_ PUMPING WELL \_\_\_\_\_ Q \_\_\_\_\_ ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION A2 SKETCH \_\_\_\_\_ TEST START \_\_\_\_\_ END \_\_\_\_\_

static DTW 448

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
1635		8.00	0.22	7.18	2.70			
19:07		8.00	0.53	7.47	2.99			3 1/2"
23 38		8.00	0.47	7.53	3.05			2200 hrs staff 3 1/2"
9/20 01:41		8.00	0.42	7.58	3.10			23:35 hrs STAFF 4 1/2"
03:41		8.00	0.32	7.68	3.20			23:41 hrs 5 3/8"
05:38		8.00	0.32	7.68	3.20			03:34 hrs 6"
9/20 14 10		9.00	1.16	7.84	3.36			15:34 6 7/8"
18 43		9.00	1.10	7.90	3.42			1410 staff 10 1/2"
9/20 04:30		9.00	1.10	7.90	3.42			18:43 staff 12 1/2"
12 30		9.00	1.04	7.96	3.48			04:30 staff 16 1/4"
12 30		10.00	0.81	9.19		Added extension		Staff 19 1/4 in
1505		10.00	0.82	9.18				20 in
1800		10.00	0.80	9.20				Staff 21 in
9-22 00:30		10.00	0.78	9.22				STAFF 23 in
0825		10.00	0.73	9.27				2.5 in
1215		10.00	0.72	9.28				2 1/4 in
1500		8.00	1.36	Recovery				

A2

PUMPING TEST FORM

PROJECT Roschman WELL A3 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. Top HT. ABOVE G.S. 16.27 W.L. MEAS. W/ Recorder

199 ~~199~~ St. PUMPING WELL \_\_\_\_\_ @ 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A3 TEST START 9-19-76 1235 hrs END 9-22-76 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	Elev +msl	MANO-METER	Q	WATER TEMP.
9/19 0756	-2.85	7.00	1.10	5.90		10.37			
1000	-1.56	7.00	1.08	5.92		10.35			
1020	-1.35	7.00	1.07	5.93		10.24			
1105	-90			5.93		10.34			
1200	-35			5.92		10.35			
1235	0			5.90		10.37			
	0.5			6.75	0.85	9.52			
	1.0			6.95	1.05	9.32			
	1.5			7.05	1.15	9.22			
	2.0			7.18	1.28	9.09			
	2.5			7.25	1.35	9.02			
	3.0			7.30	1.40	8.97			
	3.5			7.35	1.45	8.92			
	4.0			7.40	1.50	8.87			
	4.5			7.44	1.54	8.83			
	5			7.48	1.58	8.79			
	6			7.51	1.61	8.76			
	7			7.56	1.66	8.71			
	8								
	9			7.57	1.67	8.72			
	10			7.64	1.74	8.65			
	11			7.70	1.80	8.57			
	12			7.75	1.85	8.52			
	13			7.80	1.90	8.47			
	14			7.80	1.90	8.47			
	15			7.80	1.90	8.47			
	16			7.83	1.93	8.44			
	17			7.84	1.94	8.43			
	18			7.85	1.95	8.42			
	19			7.88	1.98	8.39			
	20			7.89	1.99	8.38			
	22			7.90	2.00	8.37			
	24			7.90	2.00	8.37			
	26			7.92	2.02	8.35			
	28			7.95	2.05	8.32			
	30			7.96	2.06	8.31			
	35			8.00	2.10	8.27			
	40			8.02	2.12	8.25			

A3

PUMPING TEST FORM

PROJECT Reschman WELL A3 LOCATION Stuart PAGE 2 OF 3

SCREEN \_\_\_\_\_ M.P. Top HT. ABOVE ~~GS~~ <sup>MSL</sup> 16.27' W.L. MEAS. W/ Recorder

299 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3"x4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A3 TEST START 9-19-78 1235 hrs. END 9-22-78 1230 hrs.

DATE TIME	t	HELD	WET	D.T.W.	s	Elev +MSL	MANO-METER	Q	WATER TEMP.
9/19	45			8.05	2.15	8.26			
	50			8.07	2.17	8.20			
	55			8.12	2.22	8.15			
	60			8.15	2.25	8.12			
	65			8.19	2.29	8.08			
	70			8.20	2.30	8.07			
	75			8.22	2.32	8.05			
	80			8.24	2.34	8.03			
	90			8.25	2.35	8.12			
	100			8.30	2.40	7.97			
	110			8.32	2.42	7.95			
	120			8.33	2.43	7.94			
	130			8.35	2.45	7.92			
	140			8.37	2.47	7.90			
	150			8.38	2.48	7.89			
	160			8.46	2.50	7.87			
	170								
	180			8.43	2.53	7.84			
	190			8.45	2.55	7.82			
	200								
	210								
	220			8.50	2.60	7.77			
	230			8.50	2.60	7.77			
	240			8.51	2.61	7.76			
	250			8.52	2.62	7.75			
	285			8.57	2.67	7.70			
	300			8.62	2.72	7.65			
1755	320			8.65	2.75	7.62			
1914	397			8.64	2.76	7.61			
2010	455			8.75	2.85	7.52			
2156	561			8.80	2.90	7.47			
2352	617			8.85	2.95	7.42			
9/20	0152			8.87	2.97	7.40			
	0352			8.88	2.98	7.39			
	0552			8.90	3.00	7.37			
	0757			8.99	3.09	7.28			
	0930			9.03	3.11	7.26			
	1130			9.03	3.13	7.24			

A3

PUMPING TEST FORM

PROJECT Roschman WELL A3 LOCATION \_\_\_\_\_ PAGE 3 OF 3

SCREEN \_\_\_\_\_ M.P. TOP HT. ABOVE G.S. 16.27' W.L. MEAS. W/ Recorder

199 PUMPING WELL \_\_\_\_\_ @ 300 gpm ORIFICE 3" X 4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A3 TEST START 9-19-78 1235 hrs  
 END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	ELV	MANO-METER	Q	WATER TEMP.
9/10 1330	1475			9.06	3.16	7.21			
1530	1615			9.10	3.20	7.17			
1640	1685			9.10	3.20	7.17			
1853	1818			9.13	3.23	7.14			
2038	1923			9.14	3.24	7.13			
2239	2044			9.18	3.28	7.09			
9/21 0049	2174			9.16	3.28	7.09			
0359	2464			9.23	3.33	7.04			
0642	2627			9.24	3.34	7.03			
0955	2720			9.21	3.31	7.05			
1235	2880			9.20	3.30	7.07			
1525	3060			9.20	3.30	7.07			
1725	3170			9.21	3.31	7.06			
2024	3349			9.24	3.34	7.03			
2340	3545			9.26	3.36	7.01			
9/22 0245	3730			9.23	3.33	7.04			
0524	3889			9.23	3.33	7.04			
0835	4080			9.27	3.37	7.00			
1025	4190			9.29	3.39	6.98			
1228	4313			9.27	3.37	7.00			

A3

PUMPING TEST FORM

PROJECT Roschman WELL A7 LOCATION STUART PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. Top HT. ABOVE msl 17.01 W.L. MEAS. W/ Tape

399 PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH A7 TEST START 9-19-78 1235 hrs END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
9/19 12:35	0	8.00	1.32	6.63						
	0.5	8.00	1.00	7.00	0.32					
	1	8.00	0.79	7.21	0.33					
	1.5	8.00	0.71	7.29	0.61					
	2.0	8.00	0.63	7.37	0.69					
	2.5	8.00	0.57	7.43	0.75					
	3.0	8.00	0.51	7.49	0.81					
	3.5	8.00	0.48	7.52	0.89					
	4.0	8.00	0.43	7.57	0.89					
	4.5	8.00	0.39	7.61	0.93					
	5.0	8.00	0.33	7.65	0.97					
	6	8.00	0.30	7.70	1.02					
	7	8.00	0.26	7.74	1.06					
	8	8.00	0.23	7.77	1.09					
	9	8.00	0.18	7.82	1.14					
	10	9.00	0.15	7.85	1.17					
	11	9.00	1.12	7.88	1.20					
	12	9.00	1.09	7.91	1.23					
	13	9.00	1.07	7.93	1.25					
	14	9.00	1.05	7.95	1.27					
	15	9.00	1.03	7.97	1.29					
	16	9.00	1.01	7.99	1.31					
	17	9.00	1.00	8.00	1.32					
	18	9.00	0.99	8.01	1.33					
	19	9.00	0.97	8.03	1.35					
	20	9.00	0.97	8.03	1.35					
	22	9.00	0.94	8.06	1.38					
	24	9.00	0.91	8.09	1.41					
	26	9.00	0.89	8.11	1.43					
	28	9.00	0.89	8.11	1.43					
	30	9.00	0.86	8.14	1.46					
	35	9.00	0.81	8.19	1.51					
	40	9.00	0.81	8.19	1.51					
	45	9.00	0.80	8.20	1.52					
	50	9.00	0.78	8.22	1.54					
	55	9.00	0.77	8.23	1.55					
	60	9.00	0.72	8.28	1.60					
	65	9.00	0.71	8.29	1.61					

A7

PUMPING TEST FORM

PROJECT Roschman WELL A4 LOCATION Stuart PAGE 2 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE <sup>MSL</sup> G-6 17.01 W.L. MEAS. W/ TAPE

400 ft PUMPING WELL \_\_\_\_\_ @ 300 gpm ORIFICE 3" x 9" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH A4 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
9/19	70	9.00	0.69	8.31	1.63					
	75	9.00	0.67	8.33	1.65					
	80	9.00	0.66	8.34	1.66					
	90	9.00	0.64	8.36	1.68					
	110	9.00	0.59	8.41	1.73					
	120	9.00	0.56	8.44	1.76					
	140	9.00	0.54	8.46	1.78					
	150	9.00	0.51	8.49	1.81					
	160	9.00	0.49	8.51	1.83					
	170	9.00	0.47	8.53	1.85					
	190	9.00	0.44	8.56	1.88					
	220	9.00	0.41	8.59	1.91					
	240	9.00	0.39	8.61	1.93					
	265	9.00	0.36	8.64	1.96					
	290	9.00	0.33	8.67	1.99					
	310	9.00	0.30	8.70	2.02					
1800	325	9.00	0.29	8.71	2.03					
2022	467	10.00	1.18	8.82	2.14					
2150	563	10.00	1.27	8.92	2.24					
2354	679	10.00	1.05	8.95	2.27					
2/20	855	10.00	1.02	8.98	2.30					
0353	920	10.00	1.00	9.00	2.32					
0555	1040	10.00	0.99	9.01	2.33					
0755	1160	10.00	0.92	9.08	2.40					
0935	1260	10.00	0.89	9.11	2.43					
1135	1320	10.00	0.85	9.15	2.47					
1335	1500	10.00	0.84	9.16	2.48					
1535	1620	10.00	0.83	9.17	2.49					
1640	1685	10.00	0.81	9.19	2.51					
1854	1819	10.00	0.79	9.21	2.53					
2040	1925	10.00	0.76	9.24	2.56					
2241	2046	10.00	0.74	9.26	2.58					
2/21	0051	21.76	0.74	9.26	2.58					
0402	2307	10.00	0.74	9.26	2.58					
0645	2530	10.00	0.72	9.28	2.60					
0855	2720	10.00	0.75	9.25	2.57					
1235	2800	10.00	0.77	9.23	2.55					
1525	3050	10.00	0.75	9.25	2.57					

A4



PUMPING TEST FORM

PROJECT Rosemary WELL B3 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE G.S. 17.51 W.L. MEAS. W/ Tape

1000 G PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B3 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
9/19 12:35	0	7.00	0.63	6.32				
	1	7.00	0.67	6.33	0.01			
	2	7.00	0.66	6.34	0.02			
	3	7.00	0.64	6.36	0.04			
	4	7.00	0.62	6.38	0.06			
	5	7.00	0.62	6.38	0.06			
	6	7.00	0.63	6.37	0.05			
	7	7.00	0.60	6.40	0.08			
	8	7.00	0.59	6.41	0.09			
	9	7.00	0.58	6.42	0.10			
	10	7.00	0.58	6.42	0.10			
	11	7.00	0.57	6.43	0.11			
	12	7.00	0.56	6.44	0.12			
	13	7.00	0.56	6.44	0.12			
	14	7.00	0.55	6.45	0.13			
	15	7.00	0.55	6.45	0.13			
	17	7.00	0.54	6.46	0.14			
	19	7.00	0.53	6.47	0.15			
	21	7.00	0.52	6.48	0.16			
	23	7.00	0.51	6.49	0.17			
	25	7.00	0.51	6.49	0.17			
	27	7.00	0.50	6.50	0.18			
	29	7.00	0.50	6.50	0.18			
	31	7.00	0.49	6.51	0.19			
	33	7.00	0.48	6.52	0.20			
	35	7.00	0.48	6.52	0.20			
	40	7.00	0.47	6.53	0.21			
	45	7.00	0.46	6.54	0.22			
	50	7.00	0.45	6.55	0.23			
	55	7.00	0.44	6.56	0.24			
	60	7.00	0.44	6.56	0.24			
	65	7.00	0.44	6.56	0.24			
	70	7.00	0.42	6.58	0.26			
	75	7.00	0.42	6.58	0.26			
	80	7.00	0.41	6.59	0.27			
	85	7.00	0.41	6.59	0.27			
	90	7.00	0.41	6.59	0.27			
	95	7.00	0.41	6.59	0.27			

PUMPING TEST FORM

PROJECT Roschman WELL B 3 LOCATION Stout PAGE 2 OF 3  
 SCREEN \_\_\_\_\_ M.P. Tac HT. ABOVE G.S. <sup>MSL</sup> 17.51 W.L. MEAS. W/ TRPC

1000 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" X 4" WEATHER \_\_\_\_\_

DRAWDOWN \_\_\_\_\_ RECOVERY \_\_\_\_\_ LOCATION SKETCH B 3 TEST START 9-19-78 1235 hrs  
 END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	<sup>5</sup> 632 D.T.W.	s	MANO-METER	Q	WATER TEMP.
	100	7.00	0.40	6.60	0.28			
	110	7.00	0.39	6.61	0.29			
	120	7.00	0.38	6.62	0.30			
	130	7.00	0.37	6.63	0.31			
	140	7.00	0.36	6.64	0.32			
	150	7.00	0.35	6.65	0.33			
	160	7.00	0.34	6.66	0.34			
	170	7.00	0.33	6.67	0.35			
	180	7.00	0.32	6.68	0.36			
	190	7.00	0.31	6.69	0.37			
	200	7.00	0.31	6.69	0.37			
	210	7.00	0.31	6.69	0.37			
	220	7.00	0.31	6.69	0.37			
	230	7.00	0.30	6.70	0.38			
	240	7.20	0.30	6.70	0.38			
	250	7.00	0.29	6.71	0.39			
	260	7.00	0.28	6.72	0.40			
	265	7.00	0.28	6.72	0.40			
9/20	1730	7.00	0.27	6.73	0.41			
	1800	7.00	0.25	6.75	0.43			
	1930 <sup>10</sup>	7.00	0.21	6.79	0.47			
	2042	7.00	0.13	6.87	0.55			
	2120	8.00	1.10	6.90	0.58			
9/20	0018	8.00	1.05	6.92	0.60			
	0216	8.00	1.08	6.92	0.60			
	0424	8.00	1.06	6.94	0.62			
	0624	8.00	1.06	6.94	0.62			
	0807	8.00	1.03	6.97	0.65			
	0940	8.00	1.00	7.00	0.68			
	1135	8.00	0.95	7.05	0.73			
	1335	8.00	0.94	7.06	0.74			
	1535	8.00	0.94	7.05	0.74			
	1650	8.00	0.91	7.09	0.77			
	1905	8.00	0.89	7.11	0.79			
	2055	8.00	0.88	7.12	0.80			
	2255	8.00	0.85	7.15	0.83			
9/21	0102	8.00	0.85	7.15	0.83			
1/21	0412	8.00	0.85	7.15	0.83			

B 3



PUMPING TEST FORM

PROJECT Rochman WELL B5 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. TOP HT. ABOVE G.S. <sup>msl</sup> 15.31 W.L. MEAS. W/ Tap.e

1000 ft PUMPING WELL \_\_\_\_\_ Q 3000 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B5 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	ELV	MANO-METER	Q	WATER TEMP.
9/19 12:35	0	5.00	1.46	3.52		11.79			
	1	5.00	1.48	3.52	0.00	11.79			
	2	5.00	1.46	3.52	0.00	11.79			
	3	5.00	1.48	3.52	0.00	11.79			
	4	5.00	1.48	3.52	0.00	11.79			
	5	5.00	1.48	3.52	0.00	11.79			
	6	5.00	1.48	3.52	0.00	11.79			
	7	5.00	1.48	3.52	0.00	11.79			
	8	5.00	1.47	3.53	0.01	11.77			
	9	5.00	1.46	3.54	0.02	11.77			
	10	5.00	1.47	3.53	0.01	11.78			
	11	5.00	1.46	3.54	0.02	11.77			
	12	5.00	1.46	3.54	0.02	11.77			
	13	5.00	1.46	3.54	0.02	11.77			
	14	5.00	1.46	3.54	0.02	11.77			
	15	5.00	1.46	3.54	0.02	11.77			
	16	5.00	1.45	3.55	0.03	11.75			
	17	5.00	1.45	3.55	0.03	11.75			
	18	5.00	1.45	3.55	0.03	11.75			
	20	5.00	1.44	3.56	0.04	11.74			
	22	5.00	1.44	3.56	0.04	11.74			
	24	5.00	1.44	3.56	0.04	11.74			
	26	5.00	1.44	3.56	0.04	11.74			
	28	5.00	1.44	3.56	0.04	11.74			
	30	5.00	1.43	3.57	0.05	11.74			
	32	5.00	1.43	3.57	0.05	11.74			
	34	5.00	1.43	3.57	0.05	11.74			
	36	5.00	1.42	3.58	0.06	11.73			
	38	5.00	1.42	3.58	0.06	11.73			
	43	5.00	1.41	3.59	0.07	11.72			
	48	5.00	1.41	3.59	0.07	11.72			
	53	5.00	1.41	3.59	0.07	11.72			
	58	5.00	1.40	3.60	0.08	11.71			
	63	5.00	1.40	3.60	0.08	11.71			
	68	5.00	1.40	3.60	0.08	11.71			
	73	5.00	1.40	3.60	0.08	11.71			
	78	5.00	1.39	3.61	0.09	11.70			
	83	5.00	1.39	3.61	0.09	11.70			

RK

PUMPING TEST FORM

PROJECT Roschman WELL B5 LOCATION Stuart PAGE 2 OF 3  
 SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE G.S. 15.31 W.L. MEAS. W/ Tape

1000 ft PUMPING WELL \_\_\_\_\_ Q 3000 gpm ORIFICE 3"x9" WEATHER \_\_\_\_\_

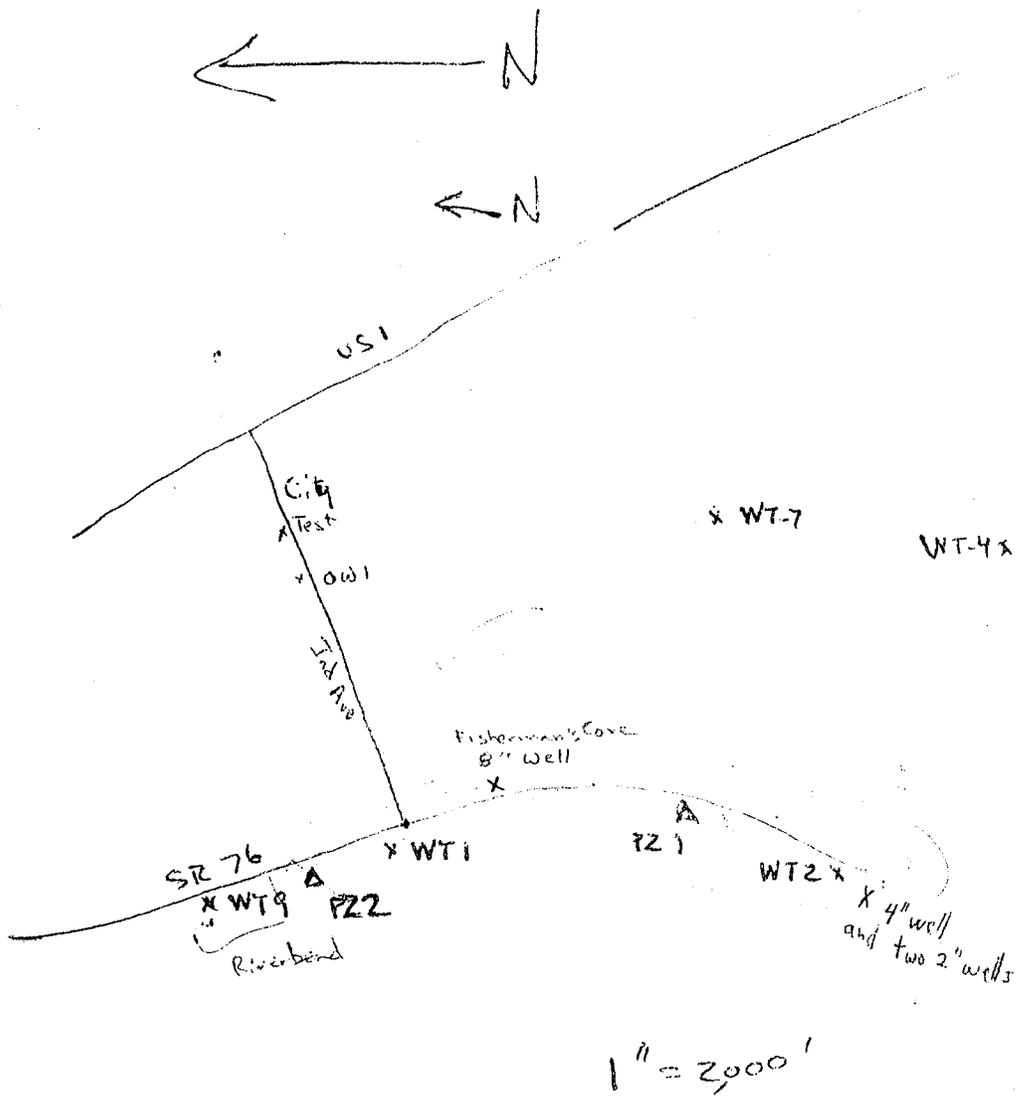
DRAWDOWN  RECOVERY  LOCATION SKETCH B5 TEST START 9-19-78 1235 hrs  
 END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
9/19	88	5.00	1.37	3.63	0.11			
	93	5.00	1.37	3.63	0.11			
	98	5.00	1.37	3.63	0.11			
	100	5.00	1.36	3.64	0.12			
	110	5.00	1.36	3.64	0.12			
	120	5.00	1.36	3.64	0.12			
	130	5.00	1.35	3.65	0.13			
	140	5.00	1.35	3.65	0.13			
	150	5.00	1.34	3.66	0.14			
	160	5.00	1.34	3.66	0.14			
	170	5.00	1.33	3.67	0.15			
	180	5.00	1.33	3.67	0.15			
	190	5.00	1.32	3.68	0.16			
	200	5.00	1.32	3.68	0.16			
	210	5.00	1.31	3.69	0.17			
	220	5.00	1.31	3.69	0.17			
	230	5.00	1.30	3.70	0.18			
	240	5.00	1.30	3.70	0.18			
	250	5.00	1.30	3.70	0.18			
	260	5.00	1.29	3.71	0.19			
	270	5.00	1.29	3.71	0.19			
	280	5.00	1.29	3.71	0.19			
	290	5.00	1.29	3.71	0.19			
	300	5.00	1.28	3.72	0.20			
	310	5.00	1.28	3.72	0.20			
	320	5.00	1.27	3.73	0.21			
	330	5.00	1.27	3.73	0.21			
1815	340	5.00	1.27	3.73	0.21			
1941	426	4.00	0.23	3.77	0.25			
2240	605	4.00	0.19	3.81	0.29			
9/20 0043	728	4.00	0.17	3.83	0.31			
0235	843	4.00	0.17	3.83	0.31			
0447	972	4.00	0.15	3.85	0.33			
0650	1095	4.00	0.15	3.85	0.33			
0813	1178	5.00	1.10	3.90	0.38			
0945	1270	5.00	1.09	3.91	0.39			
1140	1385	5.00	1.05	3.95	0.43			
1340	1505	5.00	1.03	3.97	0.45			

BR



# Locations of City Test Wells and Monitoring Wells near Roschman





PUMPING TEST FORM

PROJECT Reschman WELL A1 LOCATION \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

SCREEN 66-71 l.s.d M.P. 17.34 HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r 198 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY \_\_\_\_\_ LOCATION SKETCH \_\_\_\_\_ TEST START 9-22-78 at 12:30PM  
 END 9-22-78 at 3:00PM

*RECORDED EVERY 60 SECONDS (1 THRU 20)*

DATE TIME	(MIN)	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
12:30PM	0	10.00	1.20					
31	<del>1</del>		1.42					
32	<del>2</del>		1.60					
33	<del>3</del>		1.72					
34	<del>4</del>		1.83					
	<del>5</del>		1.87					
	<del>6</del>		1.89					
	7		2.02					
	8		2.04					
	9		2.04					
	10		2.11					
	11		2.12					
	12		2.12					
	13		2.12					
	14		2.12					
	15		2.12					
	16		2.12					
	17		2.12					
	18		2.14					
	19		2.14					
	20		2.14					
	*22		2.14					
	24		2.14					
	26		2.14					
	28		2.17					
	30		2.17					
	*35		2.20					
	40		2.24					
	45		2.25					
	50		2.27					
	55		2.27					
	*60		2.31					
	80		2.37					
	100		2.39					
	<del>120</del>		2.40					
2:15	*135		2.45					
2:30	140		2.48					
2:45			2.48					
3:00			2.48					

1  
2  
5  
10  
15

*Produced*

PUMPING TEST FORM

PROJECT Rochman WELL A-3 LOCATION \_\_\_\_\_ PAGE 1 OF 2

SCREEN G7-72 l.s.d M.P. 16.28 HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

199 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

\_\_\_\_ DRAWDOWN  RECOVERY \_\_\_\_\_ LOCATION SKETCH AS TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
<del>1228</del> 1230	(4315)			9.27				Pump off
	.1			9.27				
	.2			9.03				
	.3			8.86				
	<del>.4</del>			<del>8</del>				
	.5			8.70				
	.6			8.55				
	.7			8.47				
	.8			8.40				
	.9			8.35				
	1			8.32				
	1.5			8.14				
	2			8.05				
	2.5			7.97				
	3.0			7.91				
	3.5			7.86				
	4			7.80				
	4.5			7.77				
	5			7.74				
	6			7.67				
	7			7.60				
	8			7.57				
	9			7.53				
	10			7.51				
	11			7.48				
	12			7.45				
	13			7.43				
	14			7.41				
	15			7.38				
	16			7.36				
	17			7.35				
	18			7.33				
	19			7.32				
	20			7.31				
	22			7.30				
	24			7.29				
	26			7.27				
	28			7.24				







PUMPING TEST FORM

PROJECT Roschman WELL B 1 LOCATION \_\_\_\_\_ PAGE 1 OF 2

SCREEN 64-69 l.s.d M.P. 17.08 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r 1000 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

9/22    DRAWDOWN  RECOVERY    LOCATION SKETCH B-1 TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s		MANO-METER	Q	WATER TEMP.
12:23 PM		8'-0'	0-6 <sup>3</sup> / <sub>4</sub>						
12:26		8'-0'	0-6 <sup>3</sup> / <sub>4</sub>						
12:30	0	8'-0'	0-6 <sup>3</sup> / <sub>4</sub>						
	1		0-6 <sup>7</sup> / <sub>8</sub>						
	2		0-6 <sup>7</sup> / <sub>8</sub>						
	3		0-7						
	4		0-7						
	5		0-7						
	6		0-7 <sup>1</sup> / <sub>8</sub>						
	7		0-7 <sup>1</sup> / <sub>4</sub>						
	8		0-7 <sup>3</sup> / <sub>8</sub>						
	9		0-7 <sup>1</sup> / <sub>2</sub>						
	10		0-7 <sup>1</sup> / <sub>2</sub>						
	11		0-7 <sup>5</sup> / <sub>8</sub>						
	12		0-7 <sup>3</sup> / <sub>4</sub>						
	13		0-7 <sup>3</sup> / <sub>4</sub>						
	14		0-7 <sup>7</sup> / <sub>8</sub>						
	15		0-8						
	16		0-8						
	17		0-8 <sup>1</sup> / <sub>4</sub>						
	18		0-8 <sup>1</sup> / <sub>4</sub>						
	19		0-8 <sup>1</sup> / <sub>4</sub>						
	20		0-8 <sup>3</sup> / <sub>8</sub>						
	22	7-6	0-2 <sup>3</sup> / <sub>8</sub>						
	24	-	0-7 <sup>3</sup> / <sub>8</sub>						
	26		0-2 <sup>1</sup> / <sub>2</sub>						
	28		0-2 <sup>5</sup> / <sub>8</sub>						
1:00	30		0-2 <sup>3</sup> / <sub>4</sub>						
	32		0-2 <sup>3</sup> / <sub>4</sub>						
	34		0-2 <sup>3</sup> / <sub>4</sub>						
	36		0-2 <sup>7</sup> / <sub>8</sub>						
	38		0-2 <sup>7</sup> / <sub>8</sub>						
	40		0-2 <sup>7</sup> / <sub>8</sub>						
	42		0-2 <sup>7</sup> / <sub>8</sub>						
	44		0-3						
	46		0-3						
	48		0-3 <sup>1</sup> / <sub>8</sub>						
1:20	50		0-3 <sup>1</sup> / <sub>8</sub>						



PUMPING TEST FORM

PROJECT Roschman WELL B2 LOCATION \_\_\_\_\_ PAGE 1 OF 2  
 SCREEN 64-69 lsd M.P. 18.58 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_  
 r 2000 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

\_\_\_\_ DRAWDOWN  RECOVERY \_\_\_\_\_ LOCATION SKETCH \_\_\_\_\_ TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
7/20 1225		9	0' 9"					
1226		9	0' 9"					
1230		9	0' 9 1/2"					
1			0' 9 1/8"					
2			0' 8 3/4"					
3			0' 9"					
4			0' 9 1/4"					
1235			0' 9 1/4"					
6								
7			0' 9 1/4"					
8			0' 9 1/4"					
9								
1240			0' 9 1/4"					
11			0' 9"					
12			0' 8 3/4"					
13			0' 9 1/8"					
14			0' 9 1/8"					
1245			0' 9 1/8"					
16			0' 9 1/8"					
17			0' 9 1/8"					
18			0' 9 1/8"					
19			0' 9 1/8"					
1250			0' 9 1/8"					
52			0' 9 1/8"					
54			0' 9 1/8"					
56			0' 9 1/8"					
58			0' 9 1/8"					
1300			0' 9 1/8"					
02			0' 9"					
04			0' 9"					
06			0' 9"					
08			0' 9 1/8"					
10			0' 9 1/8"					
15								
20			0' 9 1/8"					
25			0' 9 1/8"					
1330			0' 7 5/8"					



PUMPING TEST FORM

PROJECT Roschman WELL B-3 LOCATION \_\_\_\_\_ PAGE 1 OF 2

SCREEN 09-09 1.5d M.P. 17.52 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r 1000 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

— DRAWDOWN  RECOVERY — LOCATION SKETCH TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
9/22		<del>0-8</del>								
12:24		0-8	09 3/4							
12:30		0-8	09 3/4							
1										
2		0-8	09 7/8							
3		0-8	10.0							
4		0-8	10 1/4							
5		0-8	10 3/4							
6		0-8	10 1/2							
7		0-8	10 5/8							
8		0-8	10 3/4							
9		0-8	10 7/8							
10		0-8	10 7/8							
11		0-8	11.0							
12		0-8	11 1/4							
13		0-8	11 1/4							
14		0-8	11 1/4							
15		0-8	11 1/2							
16		0-8	11 1/2							
17		0-8	10 3/4							
18		0-8	11 3/4							
19		0-8	11 1/2							
20		0-8	11 5/8							
22		0-8	11 5/8							
24		0-8	11 3/4							
26		0-8	11 7/8							
28		0-8	1.00							
30		0-8	1.00							
35		0-8	1.1 1/4							
40		0-8	1.0 3/4							
45		0-8	1.0 1/2							
50		0-8	1.0 5/8							
55		0-8	1.0 3/4							
60		0-8	1.0 7/8							
65		0-8	1.1 1/8							
70		0-8	1.1 1/4							
75		0-8	1.1 1/4							
80		0-8	1.1 1/4							
85		0-8	1.1 1/4							
90		0-8	1.1 1/4							
100		0-8	1.0 3/4							







PUMPING TEST FORM

PROJECT Roschman WELL B-5 LOCATION \_\_\_\_\_ PAGE 1 OF 1

SCREEN 58-63 1.5d M.P. 15.32 ~~15.32~~ <sup>MS2</sup> HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

~~1000~~ PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

9-22-78 DRAWDOWN  RECOVERY  LOCATION SKETCH \_\_\_\_\_ TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
12:28		5'	1' 1/4"							
12:30		5'	1' 1/4"							
12:31		5'	1' 1/4"							
12:32		5'	1' 3/8"							
12:33		5'	1' 3/8"							
12:34		5'	1' 1/2"							
12:35		5'	1' 1/2"							
12:36		5'	1' 1/2"							
12:37		5'	1' 1/2"							
12:38		5'	1' 1/2"							
12:39		5'	1' 1/2"							
12:40		5'	1' 1/2"							
12:41		5'	1' 3/4"							
12:42		5'	1' 7/8"							
12:43		5'	1' 7/8"							
12:44		5'	1' 7/8"							
12:45		5'	1' 7/8"							
12:46		5'	1' 7/8"							
12:47		5'	1' 1"							
12:48		5'	1' 1"							
12:49		5'	1' 1"							
12:50		5'	1' 1"							
12:52		5'	1' 1/8"							
12:54		5'	1' 1/4"							
12:56		5'	1' 1/4"							
12:58		5'	1' 1/4"							
13:00		5'	1' 1/4"							
13:05		5'	1' 1 3/8"							
13:10		5'	1' 1 1/2"							
13:15		5'	1' 1 1/2"							
13:20		5'	1' 1 5/8"							
13:25		5'	1' 1 5/8"							
13:30		5'	1' 1 3/4"							
13:40	5'		1' 1 7/8"							
13:50	5'		1' 1 7/8"							



PUMPING TEST FORM

PROJECT Roschman WELL B-6 LOCATION \_\_\_\_\_ PAGE 1 OF 2

SCREEN 60-65 l.s.d M.P. 17.95 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

2000 PUMPING WELL Prod Q 300 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	FEEET HELD	1/4ch WET	D.T.W.	s		MANO-METER	Q	WATER TEMP.
12:25		6.	6 3/4						
12:30	0	6.	6 5/8						
	1	6.	6 3/4						
	2	6.	6 5/8						
	3	6.	6 3/4						
	4	6.	6 7/8						
	5	6.	6 5/8						
	6	6.	6 5/8						
	7	6.	6 5/8						
	8	6.	6 3/4						
	9	6.	6 7/8						
12:40	0	6.	6 7/8						
	1	6.	6 5/8						
	2	6.	6 7/8						
	3	6.	6 3/4						
	4	6.	6 3/4						
	5	6.	7						
	6	6.	6 7/8						
	7	6.	6 7/8						
	8	6.	7						
	9	6.	6 3/4						
12:50	0	6.	6 3/4						
	2	6.	6 7/8						
	4	6.	7						
	6	6.	6 7/8						
	8	6.	6 7/8						
1:00	0	6.0	7						
	5	6.	6 3/4						
	10	6.	6 7/8						
	15	6.	6 3/4						
	20	6.	6 7/8						
	25	6.	7 3/8						
	30	6.	7 1/4						
	35	6.	7						
	40	6.	7 1/4						
	45	6.	7 1/8						
	50	6.	7 1/4						
	55	6.	7 3/8						

12:25 6



PUMPING TEST FORM

PROJECT Roschmann WELL \_\_\_\_\_ LOCATION \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

SCREEN \_\_\_\_\_ M.P. \_\_\_\_\_ HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r \_\_\_\_\_ PUMPING WELL \_\_\_\_\_ Q \_\_\_\_\_ ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

\_\_\_\_ DRAWDOWN  RECOVERY 51 LOCATION SKETCH TEST START \_\_\_\_\_ END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
9/22 1220		10.00	1.46					
1225		10.00	1.46	8.54				
	1 1/4		1.48					
	2 1/4		1.46					
	3 1/2		1.47					
	4 1/2		1.48					
	5 1/2		1.50					
	6 1/2		1.51					
	8		1.54					
	10 1/2		1.56					
	11 1/2		1.54					
	13 1/2		1.63					
	15		1.61					
	17		1.65					
	19		1.66					
	20		1.69					
	23		1.72					
	25		1.74					
	<del>30</del> 27		1.76					
	30		1.79					
	36		1.84					32 min DTW testwell 8.3
	44		1.91					
	48		1.93					
	56		1.99					
	62		2.02					
	72	9.00	1.09	7.91				
	80	9.00	1.12	7.88				
2:00	90							
	105		1.24					
1455	145		1.36					

PUMPING TEST FORM

PROJECT Rosdman WELL \_\_\_\_\_ LOCATION \_\_\_\_\_ PAGE \_\_\_\_\_ OF \_\_\_\_\_

SCREEN \_\_\_\_\_ M.P. \_\_\_\_\_ HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r \_\_\_\_\_ PUMPING WELL \_\_\_\_\_ Q \_\_\_\_\_ ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

\_\_\_\_ DRAWDOWN  RECOVERY  DI LOCATION SKETCH TEST START \_\_\_\_\_ END \_\_\_\_\_

9/22

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
1220		10.00	1.19							
1225		10.00	1.10	8.81						
	1		1.17							
	2		1.15							
	3 1/4		1.17							
	4 1/4		1.18							
	5 1/4		1.20							
	6 1/4		1.21							
	7 1/2		1.22							
	10		1.26							
	11		1.27							
	13		1.29							
	14 1/2		1.28							
	16		1.30							
	18 1/2									
	20		1.33							
	22 1/2		1.33							
	25		1.35							
	<del>27</del>		1.40							
	30		1.42							
	35 1/2		1.48							
	<del>44</del>		1.51							
	48		1.54							
	56		1.56							
	61 1/2		1.58							
	<del>72</del>	10.00	1.64							
	80	9.00	0.67	8.33						
2:00	90	9.00	0.71							
	105	9.00	0.73							
1455	145	9.00	0.82	8.18						
<del>17:00</del>	<del>20:10</del>	<del>7.00</del>	<del>1.48</del>							

PUMPING TEST FORM

PROJECT Roschman WELL B4 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE G.S. 18.61 W.L. MEAS. W/ TAP.e

2000 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B4 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	$\frac{t}{r^2}$	MANO-METER	Q	WATER TEMP.
9/19 1235	0	7.00	0.64	6.36					
	1	7.00	0.64	6.36	0.00	2.51	10 <sup>-7</sup>		
	2	7.00	0.64	6.36	0.00	5.0			
	3	7.00	0.66	6.34	<del>0.00</del>	7.5			
	4	7.00	0.66	6.34	<del>0.00</del>	10.0	-6		
	5	7.00	0.64	6.36	0.00	12.5			
	6	7.00	0.64	6.36	0.00	15			
	7	7.00	0.66	6.34	<del>0.00</del>	17.5			
	8	7.00	0.64	6.36	0.00	2.00			
	9	7.00	0.64	6.36	0.00	2.25			
	10	7.00	0.64	6.36	0.00	2.50			
	11	7.00	0.64	6.36	0.00	2.75			
	12	7.00	-	-	-				
	13	7.00	0.64	6.36	0.00	3.00			
	14	7.00	0.64	6.36	0.00	3.25			
	15	7.00	0.64	6.36	0.00	3.50			
	16	7.00	0.64	6.36	0.00	4.00			
	17	7.00	0.64	6.36	0.00	4.25			
	18	7.00	0.64	6.36	0.00	4.50			
	19	7.00	-	-	-				
	20	7.00	0.64	6.36	0.00	5.00			
	22	7.00	0.64	6.36	0.00	5.50			
	24	7.50	0.66	6.34	<del>0.00</del>	6.00			
	26	7.00	0.64	6.36	0.00	6.50			
	28	7.00	0.66	6.34	<del>0.00</del>	7.00			
	30	7.00	0.64	6.36	0.00	7.50			
	32	7.00	-	-	-				
	34	7.00	0.64	6.36	0.00	8.00			
	36	7.00	0.64	6.36	0.00	8.50			
	38	7.50	0.64	6.36	0.00	9.00			
	40	7.00	0.62	6.38	0.02	1.00	10 <sup>-5</sup>		
	42	7.00	0.62	6.38	0.02	1.05			
	44	7.00	0.64	6.36	0.00	1.10			
	50	7.00	0.64	6.36	0.00	1.25			
	55	7.00	0.64	6.36	0.00	1.38			
	60	7.00	0.64	6.36	0.00	1.5			
	65	7.00	0.64	6.36	0.00	1.63			
	70	7.00	0.64	6.36	0.00	1.75			

B4

PUMPING TEST FORM

PROJECT Roschman WELL B4 LOCATION Stuart PAGE 2 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE <sup>MSL</sup> 18.61 W.L. MEAS. W/ Tape

2000 ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B4 TEST START 9-19-78 12:35 hrs  
 END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	$\frac{t}{r^2}$		MANO-METER	Q	WATER TEMP.
9/19	75	7.00	0.64	6.36	0.00	1.98	$\times 10^{-5}$			
	80	7.00	0.64	6.36	0.00	2.00				
	85	7.00	0.64	6.36	0.00	2.13				
	90	7.00	0.64	6.36	0.00	2.25				
	95	7.00	0.64	6.36	0.00	2.38				
	100	7.00	0.64	6.36	0.00	2.50				
	110	7.00	0.64	6.36	0.00	2.75				
	120	7.00	0.64	6.36	0.00	3.00				
	130	7.00	0.64	6.36	0.00	3.25				
	140	7.00	0.64	6.36	0.00	3.50				
	150	7.00	0.64	6.36	0.00	3.75				
	160	7.00	0.64	6.36	0.00	4.00				
	170	7.00	0.64	6.36	0.00	4.25				
	180	7.00	0.64	6.36	0.00	4.50				
	190	7.00	0.64	6.36	0.00	4.75				
	200	7.00	0.63	6.37	0.01	5.00				
	210	7.00	0.63	6.37	0.01	5.25				
	220	7.00	0.64	6.36	0.00	5.50				
	230	7.00	0.63	6.37	0.01	5.75				
	240	7.00	0.64	6.36	0.00	6.00				
9/19	1700	265	7.00	0.64	6.36	0.00	6.25			
	1737	302	7.00	0.62	6.38	0.02	7.55			
	1800	325	7.00	0.62	6.38	0.02	8.18			
	1933	418	7.00	0.62	6.38	0.02	1.05	$\times 10^{-4}$		
	2054	499	7.00	0.62	6.38	0.02	1.25			
	2230	595	7.00	0.56	6.44	0.08	1.99			
9/20	00:27	712	7.00	0.55	6.45	0.09	1.72			
	02:24	831	7.00	0.55	6.45	0.09	2.05			
	04:37	962	7.00	0.54	6.46	0.10	2.40			
	06:39	1079	7.00	0.54	6.46	0.10	2.70			
	08:10	1125	7.00	0.53	6.47	0.11	2.94			
	09:45	1270	7.00	0.51	6.49	0.13	3.18			
	11:40	1365	7.00	0.48	6.52	0.16	3.96			
	13:35	1500	7.00	0.45	6.55	0.19	3.75			
	15:35	1620	7.00	0.45	6.55	0.19	4.25			
	16:50	1695	7.00	0.45	6.55	0.19	4.34			
	19:07	1852	7.00	0.43	6.57	0.21	4.75			
	20:59	1944	7.00	0.43	6.57	0.21	4.75			

B4



PUMPING TEST FORM

PROJECT Roschman WELL B2 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE msl 18.58 W.L. MEAS. W/ Tape

2000ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3"x4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B2 TEST START 9-19-78 1235 hrs END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
12 35	0	9.00	1.04	7.96						
	1	9.00	1.04	7.96	0.00					
	2	9.00	1.04	7.96	0.00					
	3	9.00	1.04	7.96	0.00					
	4	9.00	1.02	7.98	0.02					
	5	9.00	1.03	7.97	0.01					
	6		1.03	7.97	0.01					
	7		1.04	7.96	0.00					
	8		1.02	7.98	0.02					
	9		1.03	7.97	0.01					
	10		1.04	7.96	0.00					
	11		1.04	7.96	0.00					
	12		1.02	7.98	0.02					
	13		1.02	7.98	0.02					
	14		1.03	7.97	0.01					
	15		1.03	7.97	0.01					
	17									
	19	9.00	1.02	7.98	0.02					
	21		1.02	7.98	0.02					
	23		1.02	7.98	0.02					
	25		1.02	7.98	0.02					
	27		1.04	7.96	0.02					
	29		1.02	7.98	0.02					
	30		1.02	7.98	0.02					
	31		1.02	7.98	0.02					
	33		1.02	7.98	0.02					
	35		1.02	7.98	0.02					
	37									
	39		1.02	7.98	0.02					
	41									
	43		1.02	7.98	0.02					
	45									
	47									
	49									
	50		1.02	7.98	0.02					
	55		1.02	7.98	0.02					
	60		1.01	7.99	0.03					
	65		1.02	7.98	0.02					

B2

PUMPING TEST FORM

PROJECT Roschman WELL B2 LOCATION Stuart PAGE 2 OF 3

SCREEN \_\_\_\_\_ M.P. 100 HT. ABOVE <sup>msl</sup> 14.58 W.L. MEAS. W/ Tape

2000 ft PUMPING WELL \_\_\_\_\_ @ 300 gpm ORIFICE 3" x 4" WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B2 TEST START 9-19-78 1235 hrs END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
	70	9.00	1.02	7.98	0.02			
	75	9.00	1.02	7.98	0.02			
	80	9.00	1.02	7.98	0.02			
	85	9.00	1.02	7.98	0.02			
	90	9.00	1.02	7.98	0.02			
	95	9.00	1.02	7.98	0.02			
	110	9.00	1.02	7.98	0.02			
	125	9.00	1.02	7.98	0.02			
	140	9.00	1.02	7.98	0.02			
	155	9.00	1.02	7.98	0.02			
	170	9.00	.99	8.01	0.05			
	185	9.00	1.01	7.99	0.03			
	200	9.00	1.02	7.98	0.02			
	215	9.00	1.00	8.00	0.04			
	235	9.00	1.00	8.00	0.04			
	250	9.00	1.00	8.00	0.04			
	265	9.00	1.00	8.00	0.04			
	280	9.00	1.00	8.00	0.04			
	295	9.00	1.00	8.00	0.04			
	<del>310</del>	<del>9.00</del>	<del>1.00</del>	<del>8.00</del>	<del>0.04</del>			
	<del>325</del>	<del>9.00</del>	<del>1.00</del>	<del>8.00</del>	<del>0.04</del>			
	1810	315	9.00	.99	8.01	0.05		
	1926	411	9.00	0.99	8.01	0.05		
	2212	577	9.00	0.94	8.06	0.10		
9/20	0008	643	9.00	0.92	8.08	0.12		
	0208	813	9.00	0.90	8.10	0.14		
	6412	957	9.00	0.90	8.10	0.14		
	0612	1057	9.00	0.92	8.09	0.12		
	0805	1170	9.00	0.90	8.10	0.14		
	0940	1265	9.00	0.89	8.11	0.15		
	1135	1380	9.00	0.84	8.16	0.20		
	1335	1500	9.00	0.82	8.18	0.22		
	1535	1620	9.00	0.83	8.17	0.21		
	1645	1690	9.00	0.83	8.17	0.21		
	1900	1825	9.00	0.82	8.18	0.22		
	2050	1935	9.00	0.79	8.21	0.25		
	2251	1996	9.00	0.78	8.22	0.26		
9/21	0058	2183	9.00	0.75	8.25	0.29		

B2



PUMPING TEST FORM

PROJECT Roschmpt WELL B6 LOCATION Stuart PAGE 1 OF 3

SCREEN \_\_\_\_\_ M.P. TOC HT. ABOVE msl 17.94 W.L. MEAS. W/ Tape

2000ft PUMPING WELL \_\_\_\_\_ Q 300 gpm ORIFICE 3x4 WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B6 TEST START 9-19-78 12:35 hrs END 9-22-78 12:30 hrs

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.
9/19 12:35	0	6.00	0.69	5.31				
	1	6.00	0.68	5.32	0.01			
	2	6.00	0.68	5.32	0.01			
	3	6.00	0.67	5.33	0.02			
	4	6.00	0.67	5.33	0.02			
	5	6.00	0.68	5.32	0.01			
	6	6.00	0.67	5.33	0.02			
	7	6.00	0.67	5.33	0.02			
	8	6.00	0.68	5.32	0.01			
	9	6.00	0.68	5.32	0.01			
	10	6.00	0.67	5.33	0.02			
	11	6.00	0.69	5.31	0.00			
	12	6.00	0.68	5.32	0.01			
	13	6.00	0.69	5.31	0.00			
	14	6.00	0.69	5.33	0.02			
	15	6.00	0.67	5.33	0.02			
	17	6.00	0.68	5.32	0.01			
	19	6.00	0.67	5.33	0.02			
	21	6.00	0.69	5.31	0.00			
	23	6.00	0.68	5.32	0.01			
	25	6.00	0.66	5.34	0.03			
	27	6.00	0.66	5.34	0.03			
	29	6.00	0.67	5.33	0.02			
	31	6.00	0.67	5.33	0.02			
	33	6.00	0.67	5.33	0.02			
	35	6.00	0.68	5.32	0.01			
	37	6.00	0.68	5.32	0.01			
	39	6.00	0.66	5.34	0.03			
	41	6.00	0.67	5.33	0.02			
	45	6.00	0.66	5.34	0.03			
	50	6.00	0.67	5.33	0.02			
	55	6.00	0.67	5.33	0.02			
	60	6.00	0.67	5.33	0.02			
	65	6.00	0.66	5.34	0.03			
	70	6.00	0.65	5.35	0.04			
	75	6.00	0.65	5.35	0.04			
	80	6.00	0.67	5.33	0.02			
	85	6.00	0.67	5.33	0.02			

B6

PUMPING TEST FORM

PROJECT Roschman WELL B 6 LOCATION Stuart PAGE 2 OF 3

SCREEN \_\_\_\_\_ M.P. ToC HT. ABOVE G.S. <sup>msl</sup> 17.94 W.L. MEAS. W/ Tape

2000 ft PUMPING WELL \_\_\_\_\_ Q 300gpm ORIFICE 3 x 4 WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH B 6 TEST START 9-19-78 1235 hrs  
 END 9-22-78 1230 hrs

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.
9/19	90	6.00	0.67	5.33	0.02					
	95	6.00	0.67	5.33	0.02					
	100	6.00	0.67	5.32	0.01					
	110	6.00	0.65	5.35	0.04					
	120	6.00	0.68	5.37	0.03					
	130	6.00	0.68	5.37	0.03					
	140	6.00	0.67	5.33	0.02					
	150	6.00	0.67	5.33	0.02					
	160	6.00	0.66	5.37	0.03					
	170	6.00	0.66	5.37	0.03					
	180	6.00	0.66	5.37	0.03					
	190	6.00	0.66	5.37	0.03					
	200	6.00	0.67	5.36	0.05					
	210	6.00	0.67	5.36	0.05					
	220	6.00	0.65	5.35	0.04					
	230	6.00	0.65	5.35	0.04					
	245	6.00	0.65	5.35	0.04					
	260	6.00	0.65	5.35	0.04					
	275	6.00	0.63	5.37	0.06					
	290	6.00	0.61	5.39	0.08					
	305	6.00	0.60	5.40	0.09					
	320	6.00	0.61	5.39	0.08					
	335	6.00	0.63	5.37	0.07					
1825	350	6.00	0.63	5.37	0.06					
1947	432	6.00	0.53	5.47	0.16					
2115	520	6.00	0.53	5.47	0.16					
2250	615	6.00	0.55	5.45	0.14					
9/20	0053	737	0.53	5.47	0.16					
	0246	851	0.55	5.45	0.14					
	0455	980	0.54	5.46	0.15					
	0657	1102	0.54	5.46	0.15					
	0815	1180	0.52	5.48	0.17					
	0950	1275	0.50	5.50	0.19					
	1145	1390	0.47	5.53	0.22					
	1340	1505	0.45	5.55	0.24					
	1540	1625	0.44	5.56	0.25					
	1700	1705	0.47	5.58	0.27					
	1916	1841	0.40	5.60	0.29					

B 6



## Kic Test Water Level Recorder

The water level recorder was used for approx 4 hr from time of set up until the clock per alarm system failed. <sup>From</sup> ~~at~~ this time, the correct time of water level changes cannot be determined while the magnitude of the changes <sup>could</sup> ~~can~~ be ~~determined~~ and were determined to be less than .05 ft.

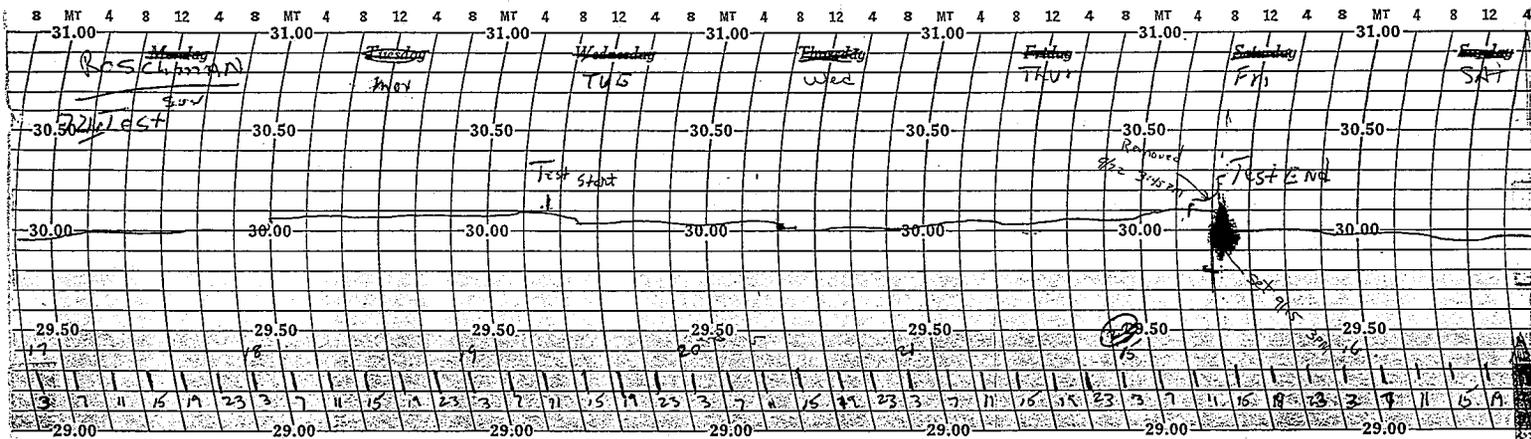


CHART NO. 35

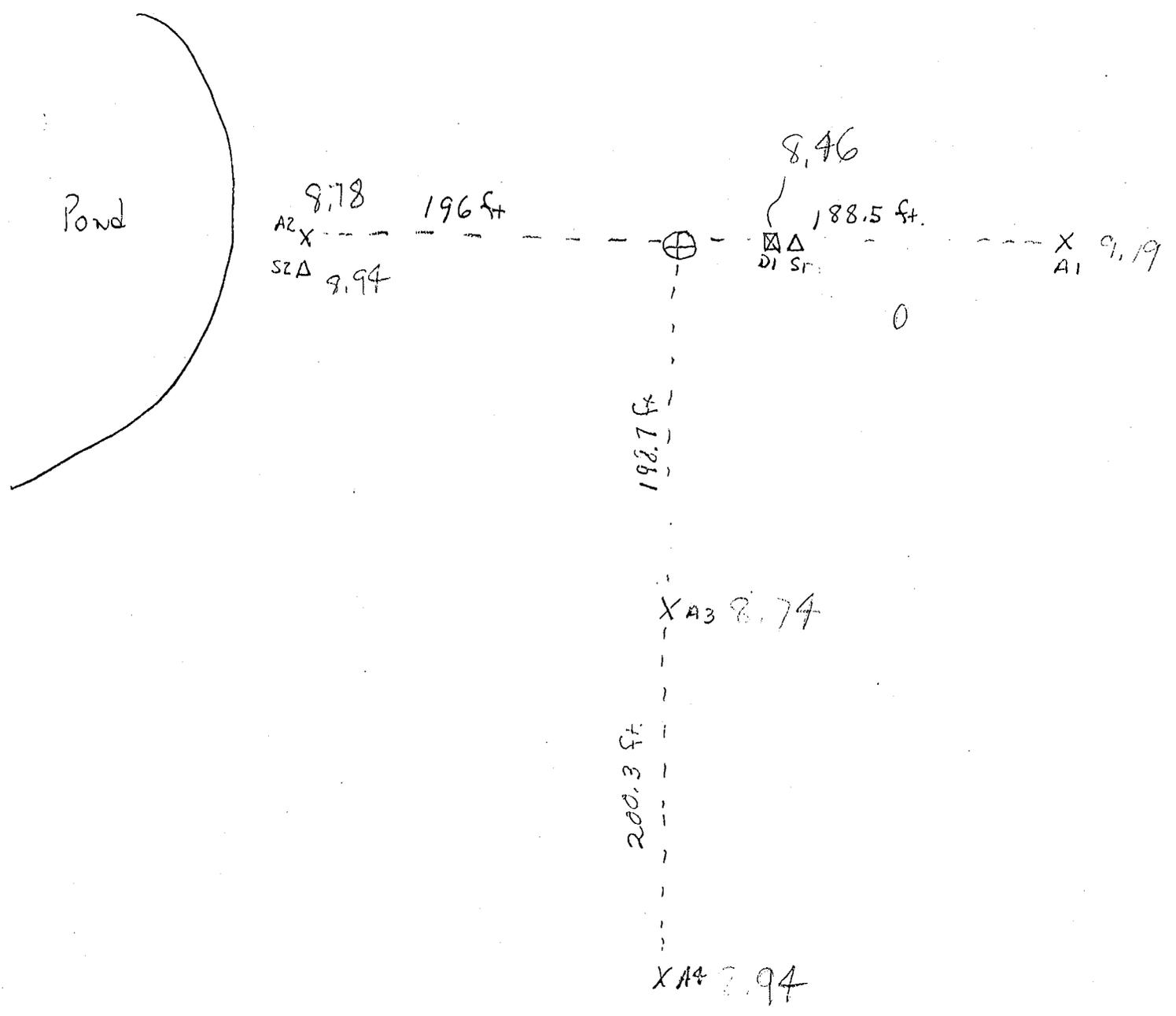
TAYLOR INSTRUMENT COMPANIES, ROCHESTER, N.Y., U.S.A.

6-8-78

Pr. Test  
cl. 11



# Pretest - Elev. of Water Surface Test 1

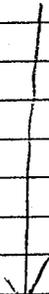


PUMPING TEST FORM

PROJECT Roschman WELL SI LOCATION Stuart PAGE 1 OF 1  
 SCREEN 10-12 1/2 <sup>11/2-14</sup> <sub>1.5</sub> M.P. TOC HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

196 <sup>x 10</sup> PUMPING WELL Production @ 325 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH TEST START 6/8 END 6/8

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.	
6/6 1405				7.45					Taped Taped M - scope & tape 
6/8 0850				7.42					
0940				7'5 3/4"					
1000				7'5 1/2"					
1027				7'5 1/2"					
1030	0								
	11			7'6 5/8"					
	15			7'7 1/2"					
	19			7'7 7/8"					
	23			7'8 1/4"					
	51			7'10 1/2"					
	70			7'11 5/8"					
	80			7'11 7/8"					
	90			8'0 1/8"					
	100			8'0 3/8"					
	110			8'0 3/4"					
	120			8'1"					
1245				8'1 1/4"					
1315				8'1 3/4"					
1345				8'2 1/4"					
1415				8'2 3/4"					
1445				8'3 1/4"					
1515				8'3 1/4"					
1545				8'3 3/8"					

PUMPING TEST FORM

PROJECT Roschman WELL S2 LOCATION Stuart PAGE      OF       
 SCREEN 1 1/2 - 14 I.S. M.P. TOC HT. ABOVE G.S.      W.L. MEAS. W/ Tape m-scope

188 ± PUMPING WELL Production 325 ORIFICE      WEATHER     

DRAWDOWN  RECOVERY  LOCATION SKETCH S2 TEST START 6/8 END 6/8

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.	
6/6 1525		6.00	1.42	4.58					TAPE
6/6 0925		5.00	0.32	4.68					TAPE
0947				4.72					m-scope
0958				4.68					m-scope
1020				4.69					M-scope
1029				5.28					
1040				5.36					
1050				5.59					
1110				5.85					
1115				5.81					
1120				5.80					
1125				5.86					
1130				5.90					
1140				5.94					
1150				6.02					
1200				6.00					
1210				6.03					
1220				6.05					
1230				6.09					
1245				6.12					
1300				6.13					
1330				6.19					
1400				6.24					
1430				6.30					
1500				6.33					
1530				6.37					
1600				6.34					

PUMPING TEST FORM

PROJECT Roschma WELL D1 LOCATION Stuart PAGE 1 OF 1

SCREEN 124-129 125-130 1.s.d M.P. TOC HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r 9 10 PUMPING WELL Production @ 325 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN

RECOVERY

LOCATION SKETCH

TEST START 6/8

TEST END 6/8

Page 1

DATE TIME	t	HELD	WET	D.T.W.	s	MANO-METER	Q	WATER TEMP.	
6/6 1410				9.08					tape
6/7 1500				9.16					tape
6/8 0845				9.05					tape
6/8 0940				9' 1 3/4"					M-Scope
0955				9' 2"					
1000				9' 1 1/2"					
1027				9' 1 1/2"					
1030	0								
	1			9' 1 1/2"					
	2			9' 1 1/4"					
	3			-					
	4			9' 0 1/2"					
	5			9' 1 3/8"					
	6			9' 1 5/8"					
	7			-					
	8			9' 2 1/4"					
	10			9' 2 1/2"					
	12			9' 2 1/4"					
	14			9' 2 3/4"					
	16			9' 3 1/2"					
	18			9' 4"					
	20			9' 4 1/2"					Rain start
	22			9' 3 7/8"					↓ 1.5'
	24			-					↓
	26			9' 4 1/8"					
	30			9' 4 1/2"					
	44			9' 5 3/4"					
	50			9' 6"					Rain end
	55			9' 6 1/2"					
	70			9' 7 1/2"					
	80			9' 7"					
12:00	90			9' 7 1/2"					
	100			9' 8"					
	110			9' 8 1/2"					
	120			9' 8"					
12:45	135			9' 8 1/2"					
13:15				9' 8 3/4"					
13:45				9' 9 1/2"					



Test #1

Project Roschman Well A1 Location Stuart Page 1 of     

Screen 66-71 l.s.d. MP TOC Ht. Abv. G.S.      WL Meas. W/ Recorder/Tap

r 198 Pumping Well Prod Q 325 Orifice      Test Start 6/8  
End 6/7

Drawdown     Recovery     Location Sketch    Weather     

6/6  
6/8

Date Time	t	Held	Wet	DTW	s		Mano- meter	Q	Water Temp.
1500		9.00	0.85	8.15					
0915		10.00	1.84	8.16					
0955				8.13					
1010				8.15					
1026				8.15					
1029				8.15					
1030	0	Start		8.15	0				
1031	1			8.35	.20				
1032	2			8.55	.40				
1033	3			8.57					
1034	4			8.525		Floater	hanging up		
1035	5			8.525					
1036	6			8.525					
1037	7			8.97	0.82				
1038	8			9.0	0.85				
1039	9			9.04	0.89				
1040	10			9.07	0.92				
1041	11			9.08	0.93				
1042	12			9.10	0.95				
1043	13			9.10	0.95				
1044	14			9.11	0.96				
1045	15			9.14	0.99				
1046	16			9.15	1.00				
1047	17			9.16	1.01				
1048	18			9.17	1.02				
1049	19			9.18	1.03				
1050	20			9.19	1.04				
1052	22			9.20	1.05				
1054	24			9.22	1.07				
1056	26			9.23	1.08				
1058	28			9.23	1.08				
1100	30			9.24	1.09				
1102	32			9.25	1.10				
1104	34			9.26	1.11				
1106	36			9.275	1.12				
1108	38			9.28	1.13				
1110	40			9.30	1.15				

Taped  
Taped  
Recorder

Floater hanging up

✓

Notes \_\_\_\_\_

Project Roschman Well A1 Location Stuart Page 2 of     

Screen      MP TOC Ht. Abv. G.S.      WL Meas. W/ Recorder/Tape

r 190 Pumping Well      Q      Orifice      Test Start 6/8  
End 6/8

Drawdown     Recovery     Location Sketch    Weather     

Date Time	t	Held	Wet	DTW	s	Mano-meter	Q	Water Temp.
1112	42			9.30	1.15			
1114	44			9.30	1.15			Recorder
1116	46			9.31	1.16			
1118	48			9.32	1.17			
1120	50			9.33	1.18			
1122	52			9.35	1.20			
1124	54			9.35	1.20			
1126	56			9.35	1.20			
1128	58			9.35	1.20			
1130	60			9.35	1.20			
1135	65			9.36	1.21			
1140	70			9.36	1.21			
<del>1145</del>	80			9.39	1.24			
1200	90			9.425	1.27			
1210	100			9.43	1.28			
1220	110			9.45	1.30			
1230	120			9.46	1.31			
1245	135			9.475	1.32			
1300	150			9.49	1.34			
1330	180	10.00	0.48	9.52	1.37			TAPE
1400	210	10.00	0.46	9.54	1.39			
1430	240	10.00	0.45	9.55	1.40			
1500	270	10.00	0.45	9.55	1.40			
1530	300	10.00	0.42	9.58	1.43			
1600	330	10.00	0.41	9.59	1.44			

Notes

Test #1

Project Roschman Well A2 Location Stuart Page 1 of 2

Screen 63-68 I.s.d. MP TOC Ht. Abv. G.S. \_\_\_\_\_ WL Meas. W/m-Scope

r. ~~175~~ <sup>188</sup> Pumping Well Prod Q 325 Orifice \_\_\_\_\_ Test Start 6/8 End 6/8

Drawdown     Recovery     Location Sketch    Weather \_\_\_\_\_

6/8

Date Time	t	Held	Wet	DTW	s	Mano-meter	Q	Water Temp.	
0920		5.00	1.46	3.54					Tape
0947				3.53					m-Scope
1015				3.57					
1022				3.58					
1026				3.61					
1028				3.58					
1029				3.59					
1030	0	Start		3.61					
1031	1			4.77	1.16				
1032	2			5.02	1.41				
1033	3			5.20	1.59				
1034	4			5.26	1.65				
1035	5			5.35	1.74				
1036	6			5.43	1.82				
1037	7			5.48	1.87				
1038	8			5.54	1.93				
1039	9			5.57	1.96				
1040	10			5.60	1.99				
1041	11			5.66	2.05				
1042	12			5.68	2.07				
1043	13			5.73	2.12				
1044	14			5.75	2.14				
1045	15			5.76	2.15				
1046	16			5.77	2.16				
1047	17			5.78	2.17				
1048	18			5.80	2.19				
1049	19			5.82	2.21				
1050	20			5.85	2.24				
1052	22			5.87	2.26				
1054	24			5.91	2.30				
1056	26			5.92	2.31				
1058	28			5.93	2.32				
1100	30			5.95	2.34				
1105	35			5.95	2.34				
1110	40			5.96	2.35				
1115	45			5.97	2.36				
1120	50			5.99	2.38				✓

Notes \_\_\_\_\_



Test #1

Project Roschman Well A3 Location Stuart Page 1 of    

Screen 67-72 l.s.d MP TOC Ht. Abv. G.S.     WL Meas. W/    

r 199 / 200 Pumping Well Prod Q 325 Orifice     Test Start 0/8 End 6/8

Drawdown     Recovery     Location Sketch    Weather    

Date Time	t	Held	Wet	DTW	s	Mano-meter	Q	Water Temp.
6/6 1445		9.00	1.48	7.52				
6/8 0900		8.00	0.46	7.54				
1017				7.54				
1030	0	Start		7.54	<del>0.96</del>			
1031	1			8.50	0.96			
1032	2			8.83	1.29			
1033	3			9.06	1.52			
1035	5			9.20	1.66			
1037	7			9.28	1.74			
1038	8			9.34	1.80			
1039	9							
1040	10			9.39	1.85			
1042	12			9.44	1.90			
1044	14			9.47	1.93			
1046	16			9.50	1.97			
1048	18			9.55	2.02			
1051	21			9.57	2.04			
1055	25			9.62	2.09			
1058	28			9.64	2.11			
1110	46			9.74	2.21			
1125	55			9.76	2.22			
1135	65			9.80	2.26			
1147	77			9.83	2.29			
1156	86			9.84	2.30			
1202	92			9.86	2.32			
1220	110			9.89	2.35			
1230	120			9.90	2.36			
1300	150			9.95	2.41			
1330	180			9.95	2.41			
1400	210			10.00	2.46			
1430	240			10.04	2.50			
1500	270			10.05	2.55			
1530	300			10.06	2.56			
1600	330			10.07	2.57			

Tape  
Tape  
Recorder



Notes

GERAGHTY & MILLER, INC.

1:5  
Weekly

JOB Roschman  
WELL NO. A3  
DATE 6-5-78  
TIME 1600  
OBSERVER Wheatley  
ALT. OF MP TOC  
D. OF W. 7.27  
WL IN MER

JOB Roschman  
WELL NO. A3  
DATE 6-8-78  
TIME 1720  
OBSERVER Wheatley  
ALT. OF MP TOC  
D. OF W.  
WL IN MER

6/5      6/6      6/7      6/8

H 9.00  
W 1.05  
7.95

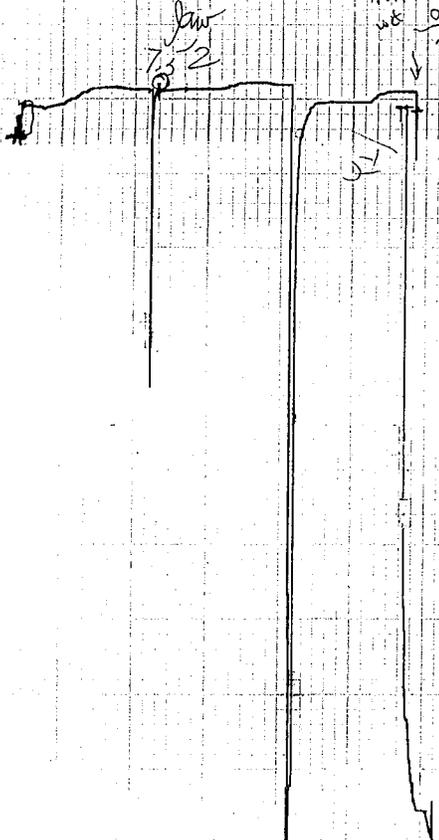
~~7.0~~

~~8.0~~

8.5

9.0

Reset  
6/8 0900  
Held 8:00  
wt 0.46  
7.95 DTW



Stevens Water Level Recorder - Type F

Chart F-1

Patented in U.S.A.

GERAGHTY & MILLER, INC.

ON

1.5  
Weekly

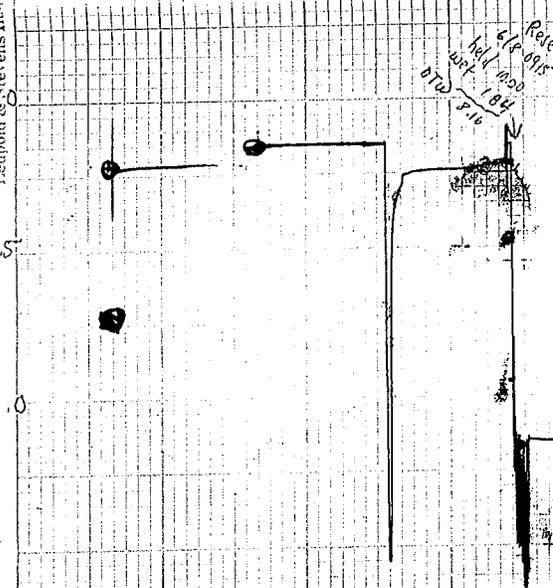
by Roschman  
 WELL NO. \_\_\_\_\_  
 DATE 6-5-78  
 TIME 1340  
 OBSERVER Wheatley  
 ALT. OF MP. TOC  
 D. OF W. 8.22  
 WL IN MP. \_\_\_\_\_

JOB \_\_\_\_\_  
 WELL NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TIME \_\_\_\_\_  
 OBSERVER \_\_\_\_\_  
 ALT. OF MP. \_\_\_\_\_  
 D. OF W. \_\_\_\_\_  
 WL IN MP. \_\_\_\_\_

6/5      6/6      6/7      6/8

Leopold & Stevens Instruments, Inc., Portland, Ore.

9.0  
9.5



07  
 08  
 09  
 0b

Printed in U.S.A.

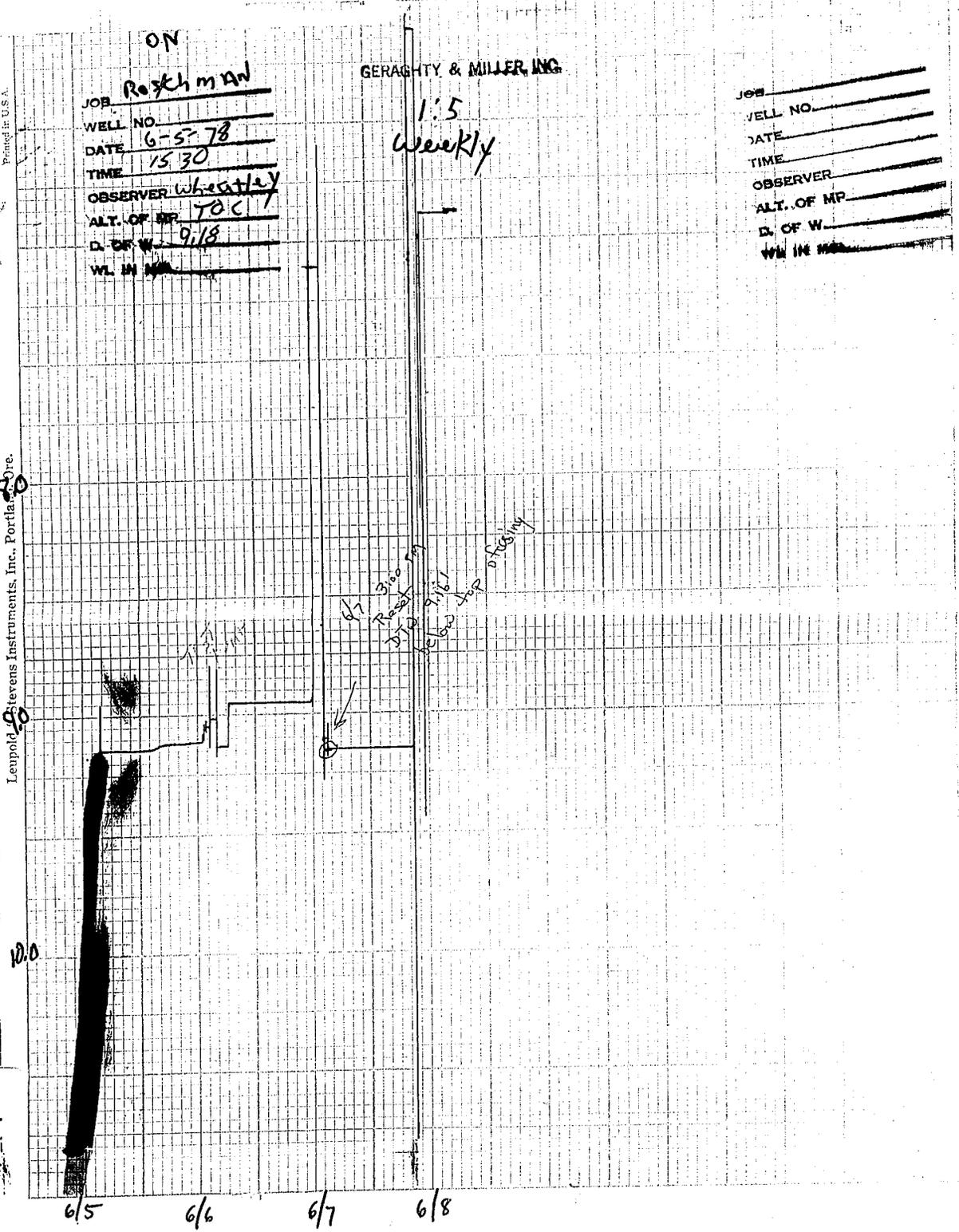
Leupold Stevens Instruments, Inc., Portland, Ore.

ON  
 JOB Roxhman  
 WELL NO. \_\_\_\_\_  
 DATE 6-5-78  
 TIME 1530  
 OBSERVER Wheatley  
 ALT. OF MP TOC  
 D. OF W. 9.18  
 WL IN MP \_\_\_\_\_

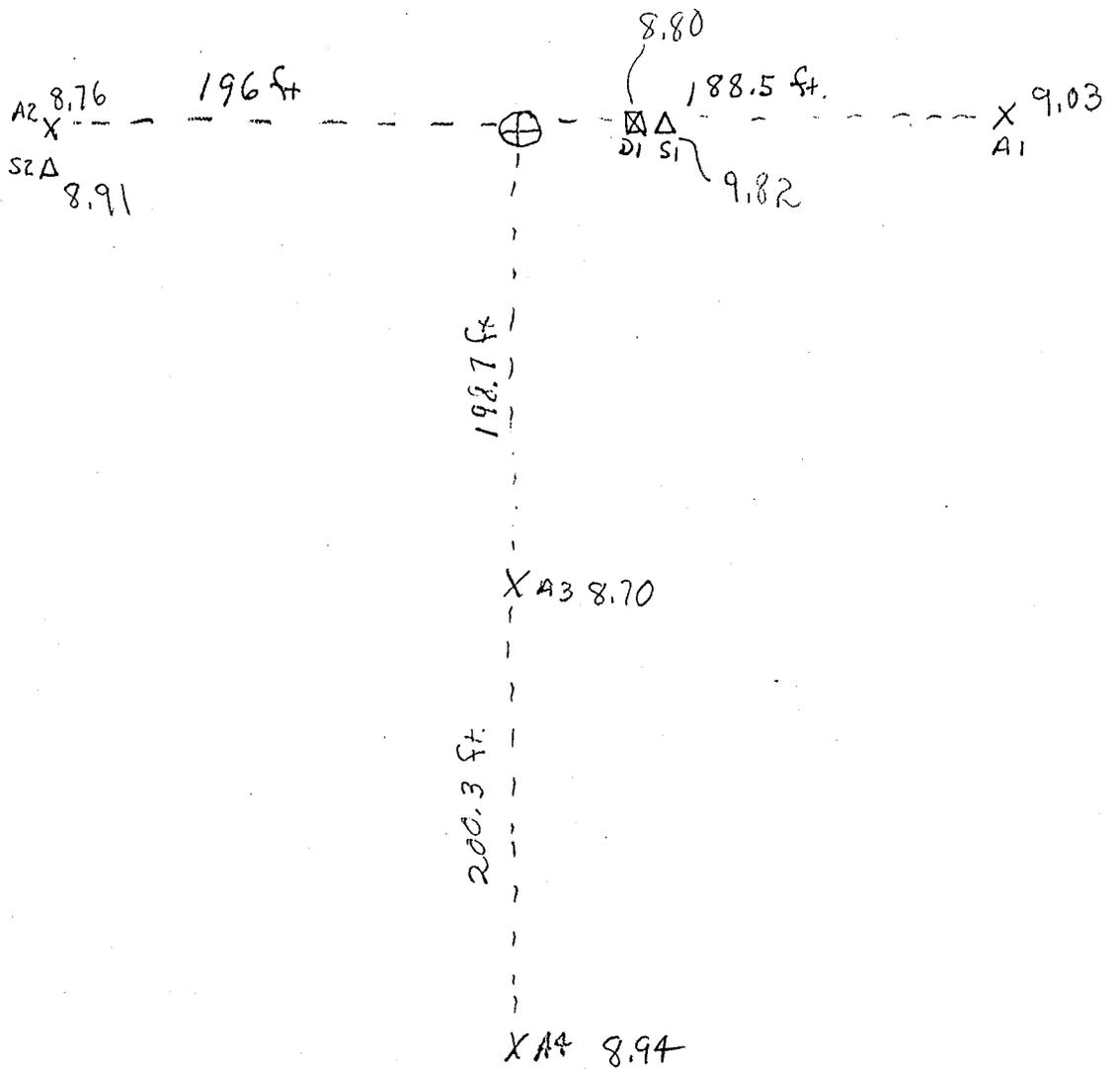
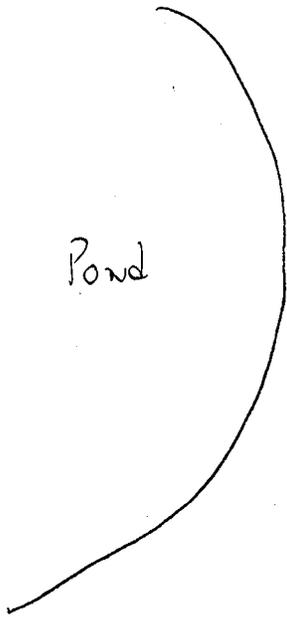
GERAGHTY & MILLER, INC.

1:5  
Weekly

JOB \_\_\_\_\_  
 WELL NO. \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TIME \_\_\_\_\_  
 OBSERVER \_\_\_\_\_  
 ALT. OF MP \_\_\_\_\_  
 D. OF W. \_\_\_\_\_  
 WL IN MP \_\_\_\_\_



6-12-78



Project \_\_\_\_\_ Well \_\_\_\_\_ Location \_\_\_\_\_ Page \_\_\_ of \_\_\_

Screen \_\_\_\_\_ MP <sup>base 10.10</sup> \_\_\_\_\_ Ht. Abv. G.S. \_\_\_\_\_ WL Meas. W/ \_\_\_\_\_

r \_\_\_\_\_ Pumping Well \_\_\_\_\_ Q \_\_\_\_\_ Orifice \_\_\_\_\_ Test Start \_\_\_\_\_ End \_\_\_\_\_

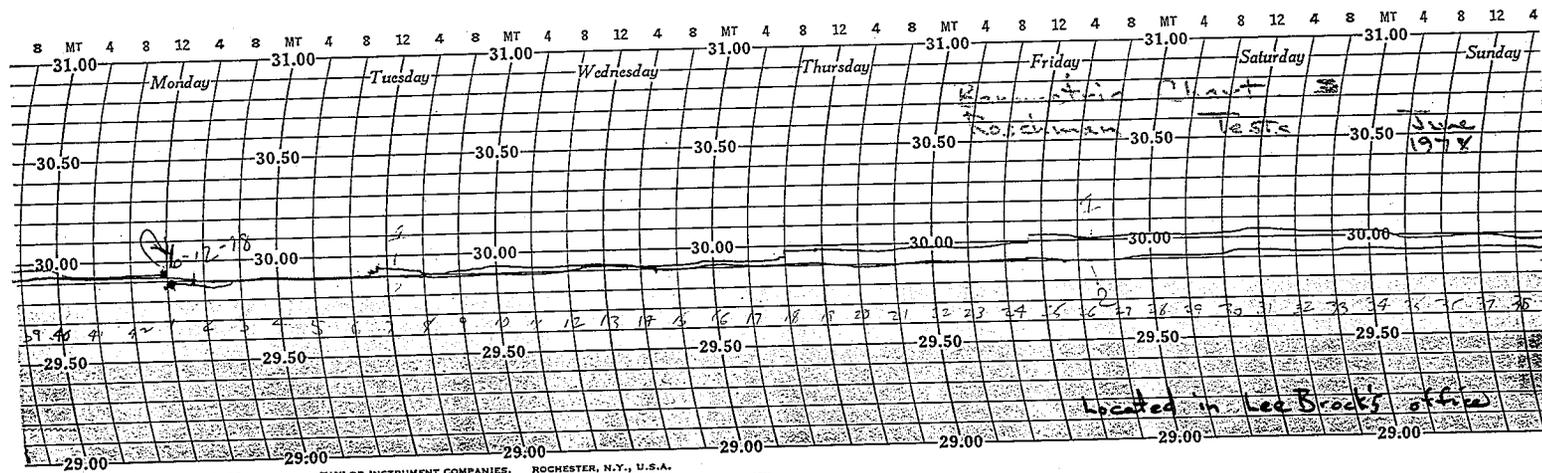
Drawdown  Recovery  Location Sketch  Weather \_\_\_\_\_

*Staff Gauge*

Date Time	t	Held	Wet	DTW	s	+10.10	Mano- meter	Q	Water Temp.
6/12 0720	Pre			15 3/4	1.31	11.41			
0741	Pre			15 3/4	1.31	11.41			
0850	20			16"	1.33	11.43		325	
0915	45			16 1/4"	1.35	11.45			
0925	53			16 1/2"	1.35	11.45			
0954	84			16 3/4"	1.40	11.50			
1024	114			17 1/2"	1.42	11.52			
1008	152			17 1/2"	1.46	11.56			
1130	180			17 3/4"	1.49	11.59			
1230	240			18 3/4"	1.56	11.66			
1350	270			19"	1.58	11.68			
1330	300			19 1/2"	1.63	11.73			
1410	330			19 3/4"	1.63	11.73			
1438	360			20"	1.67	11.77			
1500	390			20 1/4"	1.69	11.79			
1530	420			20 1/2"	1.71	11.81			
1630	480			21 1/4"	1.77	11.87			
1730	540			21 3/4"	1.79	11.89			
1830	600			22 1/2"	1.87	11.97			
1930	660			23 3/4"	1.98	12.08			
2030	720			24"	2.00	12.10			
2130	780			24 1/2"	2.04	12.14			
2230	840			25 1/2"	2.10	12.20			
2330	900			26"	2.17	12.27			
0030	960			26 1/2"	2.21	12.31			
0130	1020			27"	2.25	12.35			
0230	1080			27 1/2"	2.29	12.39			
0330	1140			27 3/4"	2.31	12.41			
0430	1200			28 1/4"	2.35	12.45			
0530	1260			28 1/2"	2.38	12.48			
0630	1320			29 1/8"	2.41	12.51			
0730	1380			29 1/4"	2.44	12.54			
0830	1440			30"	2.50	12.60			
1000	1500			30 1/2"	2.56	12.66			
1130	1620			31 1/2"	2.63	12.73			

Between 1145 - 1230  
0.06" Rain

Notes \_\_\_\_\_



PUMPING TEST FORM

PROJECT Roschman

WELL S1

LOCATION Stuart

PAGE 1 OF 1

SCREEN 11 1/2 - 14 l.s.d  
10-12 ft

M.P. +17.16 msl HT. ABOVE G.S.

W.L. MEAS. W/

10 ft

PUMPING WELL Prod

Q 325

ORIFICE

WEATHER

DRAWDOWN

RECOVERY

LOCATION SKETCH

TEST

START 6-12-78

END

DATE TIME	t	HELD	WET	D.T.W.	1/2" x 100 DFW	Q	Elev + msl	MANO-METER	Q	WATER TEMP.
6:50		9.00	1.64		7.36					
7:34				7'-4 1/2"	7.40					
8:27				7'-4 1/8"	7.39					
8:30	0			7'-4 1/8"	7.37					
0832	2			7'-4"	7.33	+01	9.83			
0834	4			7'-5"	7.41	.07	9.75			
0838	8			7'-5 1/2"	7.42	.08	9.74			
0842	12			7'-5 1/2"	7.46	.12	9.70			
0848	18			7'-6"	7.50	.16	9.66			
0852	22			7'-5 3/4"	7.48	.14	9.67			
0854	24			7'-5 3/4"	7.47	.13	9.69			
0858	28			7'-6 1/2"	7.54	.20	9.62			
0900	30			7'-7 5/8"	7.66	.32	9.50			
0905	35			7'-8 1/4"	7.69	.35	9.47			
0910	40			7'-8 3/4"	7.70	.36	9.46			
0915	45			7'-9 1/4"	7.77	.43	9.39			
0920	50			7'-9 3/4"	7.77	.43	9.39			
0925	55			7'-9 3/4"	7.77	.43	9.39			
0930	60			7'-11 1/8"	7.93	.59	9.23			
0940	70			7'-11 1/8"	7.93	.59	9.23			
0950	80			8'-1/2"	8.07	.70	9.12			
1000	90	9.00	.88		8.12	.78	9.04			
1010	100	9.00	.88		8.12	.78	9.04			
1020	110	10.00	1.85		8.15	.81	9.01			
1030	120	10.00	1.84		8.16	.82	9.00			
1100	150	9.00	.80		8.20	.86	8.96			
1130	180	9.00	.78		8.22	.88	8.94			
1230	240	10.00	1.70		8.30	.96	8.86			
1300	270	10.00	1.67		8.33	.99	8.83			
1330	300	10.00	1.67		8.33	.99	8.83			
1400	330	10.00	1.66		8.34	1.00	8.82			
1430	360	10.00	1.66		8.34	1.00	8.82			
1500	390	10.00	1.63		8.37	1.03	8.79			
1530	420	10.00	1.63		8.37	1.03	8.79			
1600	480	10.00	1.60		8.40	1.06	8.76			
1730	540	10.00	1.60		8.40	1.06	8.76			
1830	1000	10.00	1.57		8.42	1.00	8.72			



Test # 2

PUMPING TEST FORM

PROJECT Roschman WELL A1 LOCATION Stuart PAGE 1 OF 1  
 SCREEN 66-71 l.s.d M.P. TOC HT. ABOVE G.S. +17.34MSL W.L. MEAS. W/          
~~63-68 ft.~~  
~~188.5~~  
~~190 ft~~ PUMPING WELL Prod Q 325 ORIFICE 3X4 WEATHER           
 198

DRAWDOWN     RECOVERY     LOCATION SKETCH    TEST START 6-12-78 0830  
 END         

DATE TIME	t	HELD	WET	D.T.W.	s	H <sub>2</sub> O Above msl	MANO-METER	Q	WATER TEMP.	
6/12 702		10.00	172	8.28		9.06				Tape
733				8.27		9.07				m-scope
826				8.36		8.98				
830	0			8.31		9.03				
831	1			8.64	0.33	0.28 8.70				
832	2			8.81	0.50	8.53				
833	3			8.92	0.61	8.42				
834	4			8.98	0.67	8.36				
835	5			9.03	0.72	8.31				
836	6			9.09	0.78	8.25				
837	7			9.11	0.80	8.23				
838	8			9.16	0.85	8.18				
839	9			9.18	0.87	8.16				
840	10			9.21	0.90	0.77 8.13				
841	11			9.23	0.92	8.11				
842	12			9.25	0.94	8.09				
843	13			9.25	0.94	8.09				
844	14			9.25	0.94	8.09				
845	15			9.25	0.94	8.09				
846	16			9.26	0.95	8.08				
847	17			9.27	0.96	8.07				
848	18			9.27	0.96	8.07				
849	19			9.29	0.98	8.05				
850	20			9.30	0.99	8.04				
852	22			9.33	1.02	8.01				
854	24			9.35	1.04	7.99				
856	26			9.35	1.04	7.99				
858	28			9.37	1.06	7.97				
900	30			9.39	1.08	7.95				
905	35			9.41	1.10	7.93				
910	40			9.44	1.13	7.90				
915	45			9.46	1.15	7.88				
920	50			9.48	1.16	7.86				
925	55			9.49	1.18	7.85				
930	60			9.51	1.20	7.83				
940	70			9.51	1.20	7.83				
950	80			9.53	1.22	7.81				

Test #2

PUMPING TEST FORM

PROJECT Roschman WELL A1 LOCATION Stuart PAGE 2 OF 2

SCREEN \_\_\_\_\_ M.P. \_\_\_\_\_ HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

r \_\_\_\_\_ PUMPING WELL \_\_\_\_\_ Q \_\_\_\_\_ ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH

TEST START 6-12-78  
END \_\_\_\_\_

6/12

6/13

DATE TIME	t	HELD	WET	D.T.W.	s	H <sub>2</sub> O ABOVE MSL	MANO-METER	Q	WATER TEMP.
10 00	90			9.59	1.28	7.75			
10 20	100			9.60	1.29	7.74			
10 30	120			9.59	1.28	7.75			
11 00	150			9.61	1.30	7.73			
11 30	180			9.64	1.33	7.70			
12 00	210			9.69	1.38	7.65			
12 30	240			9.69	1.38	7.65			
13 00	270			9.72	1.41	7.62			
13 30	300			9.75	1.44	7.59			
14 00	330			9.77	1.46	7.57			
14 30	360			9.77	1.46	7.57			
15 00	390			9.77	1.46	7.57			
15 30	420			9.77	1.46	7.57			
16 30	480			9.77	1.46	7.57			
17 30	540			9.78	1.47	7.56			
18 30	600			9.80	1.49	7.54			
19 30	660			9.82	1.51	7.52			
20 30	720			9.86	1.55	7.48			
21 30	780			9.86	1.55	7.48			
22 30	840			9.88	1.57	7.46			
23 30	900			9.91	1.60	7.43			
6/13 00 30	960			9.90	1.59	7.42			
01 30	1020			9.90	1.59	7.42			
02 30	1080			9.91	1.60	7.43			
03 30	1140			9.92	1.61	7.42			
04 30	1200			9.93	1.62	7.41			
05 30	1260			9.93	1.62	7.41			
06 30	1320			9.93	1.62	7.41			
07 30	1380			9.93	1.62	7.41			
08 30	1440			9.94	1.63	7.40			
10 00	1530			9.94	1.63	7.40			
11 30	1620			9.97	1.66	7.37			
12 00	1770			10.04	1.70	7.33			

PUMPING TEST FORM

Test #2

PROJECT Roschman WELL A2 LOCATION Stuart PAGE 1 OF 2

SCREEN 63-68 1/2 ft M.P. TOC HT. ABOVE G.S. 16.00 MS W.L. MEAS. W/       



PUMPING WELL        Q        ORIFICE        WEATHER       

DRAWDOWN  RECOVERY  LOCATION SKETCH

TEST START 6-12-78  
END       

DATE TIME	t	HELD	WET	D.T.W.	DTW m.p. + 2.38 ft	Q	H <sub>2</sub> O Above MSL	MANO- METER	Q	WATER TEMP.
0654		5.00	1.38	3.62	6.00		8.77			
0734		5.00	1.36	3.64	6.02		8.75			
0825		5.00	1.37	3.63	6.01		8.76			
0831	1	6.00	1.37	4.68	7.01	1.00	7.76			
0835	5	7.00	1.78	5.22	7.60	1.59	7.17			
0836	6	7.00	1.57	5.43	7.81	1.80	6.96			
0837	7	7.00	1.44	5.56	7.94	1.93	6.83			
0839	9	7.00	1.34	5.66	8.04	2.03	6.73			
0840	10	7.00	1.30	5.70	8.08	2.07	6.69			
0843	13	7.00	1.40	5.60	8.18	2.17	6.59			
0844	14	7.00	1.23	5.77	8.15	2.14	6.62			
0845	15	7.00	1.20	5.80	8.18	2.17	6.59			
0847	17	7.00	1.23	5.77	8.15	2.14	6.62			
0848	18	7.00	1.15	5.85	8.23	2.22	6.54			
0849	19	7.00	1.23	5.87	8.15	2.14	6.62			
0851	21	7.00	1.11	5.89	8.27	2.26	6.50			
0852	22	7.00	1.13	5.87	8.25	2.24	6.52			
0853	23	7.00	1.09	5.91	8.29	2.28	6.48			
0855	25	7.00	1.10	5.90	8.28	2.27	6.49			
0856	26	7.00	1.06	5.94	8.32	2.31	6.45			
0857	27	7.00	1.04	5.96	8.34	2.33	6.43			
0858	28	7.00	1.04	5.96	8.34	2.33	6.43			
0859	29	7.00	1.05	5.95	8.33	2.32	6.44			
0900	30	7.00	1.03	5.97	8.35	2.34	6.42			
0904	34	7.00	1.00	6.00	8.38	2.37	6.39			
0910	40	7.00	.96	6.04	8.42	2.41	6.35			
0915	45	7.00	.93	6.07	8.45	2.44	6.32			
0920	50	7.00	.92	6.08	8.46	2.45	6.31			
0925	55	7.00	.90	6.10	8.48	2.47	6.29			
0930	60	7.00	.91	6.09	8.47	2.46	6.30			
0940	70	7.00	.84	6.16	8.54	2.53	6.23			
0950	80	7.00	.83	6.17	8.55	2.54	6.22			
1000	90	7.00	.80	6.20	8.58	2.57	6.19			
1010	100	7.00	.78	6.22	8.60	2.59	6.17			
1020	110	7.00	.76	6.24	8.62	2.61	6.15			
1030	120	7.00	.74	6.26	8.64	2.63	6.13			
1100	150	7.00	.70	6.30	8.68	2.67	6.09			
1130	180	7.00	.68	6.32	8.70	2.69	6.07			



Test #2

PUMPING TEST FORM

PROJECT Roschman WELL A3 LOCATION Stuart PAGE 1 OF 1

SCREEN G7-72 1.s.d. M.P. TOC 16.28 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

~~2006~~ PUMPING WELL Production Q 325 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_  
199

DRAWDOWN  RECOVERY  LOCATION SKETCH TEST START 6-12-78 END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	s			MANO-METER	Q	WATER TEMP.	
6/12 0715		8.00	0.42	7.58							Tape
0739				7.58							<del>in case</del>
0828				7.57							Recorder
0830	0			7.58							
0831	1			8.70	1.22						
0832	2			8.91	1.43						
0833	3			9.03	1.55						
0834	4			9.15	1.67						
0835	5			9.23	1.75						
0836	6			9.27	1.79						
0837	7			9.31	1.83						
0838	8			9.35	1.87						
0839	9			9.38	1.90						
0840	10			9.41	1.93						
0841	11			9.44	1.96						
0842	12			9.48	2.00						
0843	13			9.49	2.01						
0844	14			9.51	2.03						
0845	15			9.52	2.04						
0846	16			9.53	2.05						
0847	17			9.56	2.08						
0848	18			9.57	2.09						
0849	19			9.58	2.10						
0850	20			9.60	2.12						
0852	22			9.63	2.13						
0854	24			9.65	2.17						
0856	26			9.68	2.20						
0858	28			9.70	2.22						
0860	30			9.72	2.24						
0905	35			9.75	2.27						
0910	40			9.77	2.29						
0915	45			9.80	2.32						
0920	50			9.81	2.33						
0925	55			9.82	2.34						
0930	60			9.84	2.36						
0940	70			9.87	2.39						
0950	80			9.92	2.44						
1000	90			9.94	2.46						



Test #2

PUMPING TEST FORM

PROJECT Roschman WELL A4 LOCATION Stuart PAGE 1 OF 1

SCREEN 66-71 I.S.D M.P. 17.02 <sup>MSL</sup> HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

399.0 PUMPING WELL Production Q 325 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH TEST START 6-12-78 END \_\_\_\_\_

DATE TIME	t	HELD	WET	D.T.W.	$\frac{s}{100}$	$\frac{Q}{100}$	MANO-METER	Q	WATER TEMP.
6/12 0720				8'-5"					
0829				8'-1"					
0830	0			8' 1"					
0831	1			8' 5 1/2"	0-4 1/2	0.37			
0832	2			8' 8"	0-7	0.58			
0833	3			8' 10"	0-9	0.75			
0834	4			8' 11 1/2"	0-10 1/2	0.87			
0835	5			9-1 1/8"	1-1/8	1.01			
0836	6			9-1 1/4"	1-1/4	1.02			
0837	7			9-3 1/2"	1-2 1/2	1.21			
0838	8			9-3 7/8"	1-2 7/8	1.24			
0839	9			9'-5"	1-4	1.33			
0840	10			9-4 3/4"	1-3 3/4	1.31			
0841	11			9'-5"	1-4	1.33			
0842	12			9-4 1/2"	1-3 1/2	1.29			
0843	13			9-4 3/4"	1-3 3/4	1.31			
0844	14			9-4 3/4"	1-3 3/4	1.31			
0845	15			9-4 3/4"	1-3 3/4	1.31			
0846	16			9-4 3/4"	1-3 3/4	1.31			
0847	17			9'-5"	1-4	1.33			
0848	18			9-5 3/8"	1-4 3/8	1.36			
0849	19			9-5 3/8"	1-4 3/8	1.36			
0850	20			9-5 3/4"	1-4 3/4	1.39			
0852	22			9-5 7/8"	1-4 7/8	1.40			
0854	24			9-6 3/8"	1-5 3/8	1.44			
0856	26			9-6 1/4"	1-5 1/4	1.43			
0858	28			9-6 1/2"	1-5 1/2	1.46			
0900	30			9-6 3/4"	1-5 3/4	1.48			
0905	35			9-7 1/8"	1-6 1/8	1.51			
0910	40			9-7 5/8"	1-6 5/8	1.55			
0915	45			9-7 7/8"	1-6 7/8	1.57			
0920	50			9-7 7/8"	1-6 7/8	1.57			
0925	55			9-8 3/8"	1-7 3/8	1.61			
0930	60			9-8 3/4"	1-7 3/4	1.65			
0940	70			9-8 3/4"	1-7 3/4	1.65			
0950	80			9'-9"	1-8	1.67			
1000	90			9-9 1/4"	1-8 1/4	1.69			

Test 2

PUMPING TEST FORM

PROJECT Roschman WELL A4 LOCATION Stuart PAGE 2 OF     

SCREEN      M.P.      HT. ABOVE G.S.      W.L. MEAS. W/     

     PUMPING WELL      Q      ORIFICE      WEATHER     

DRAWDOWN  RECOVERY  LOCATION SKETCH

TEST START 6-12-78  
END     

DATE TIME	t	HELD	WET	D.T.W.	$\frac{s}{IN}$	$\frac{Q}{100}$	MANO-METER	Q	WATER TEMP.
4/12 1010	100			9-9 1/2	1-8 1/2	1.61			
1020	110			9-9 1/2	1-8 1/2	1.70			
1030	120			9-9 7/8	1-8 7/8	1.74			
1100	150			9-10 3/8	1-9 3/8	1.78			
1130	180			9-10 5/8	1-9 5/8	1.80			
1230	240			9-11 1/4	1-10 1/4	1.85			
1300	270			9-11 3/8	1-10 3/8	1.86			1.1
1330	300			9-11 3/8	1-10 3/8	1.86			1.1
1400	330			10' -	1-11	1.92			1.1
1430	360			10' -	1-11	1.92			1.1
1500	390			10' -	1-11	1.92			1.1
1530	420			10-1/8	1-11 1/8	1.93			
1630	480			10-1/4	1-11 1/4	1.94			
1730	540			10-1/2	1-11 1/2	1.95			
1830	600			10-1/2	1-11 1/2	1.95			
1930	660			10-7/8	1-11 7/8	1.99			
2030	720			10-1 3/8	2-3/8	2.03			
2130	780			10-1 1/2	2-1 1/2	2.04			
2230	840			10-1 5/8	2-5/8	2.05			
2330	900			10-1 3/4	2-3/4	2.06			
4/12 0030	960			10-1 3/4	2-3/4	2.06			
0130	1020			10-1 7/8	2-7/8	2.07			
0230	1080			10-1 7/8	2-7/8	2.07			
0330	1140			10-1 7/8	2-7/8	2.07			
0430	1200			10-2	2-1	2.08			
0530	1260			10-2	2-1	2.08			
0630	1320			10-2 1/4	2-1 1/4	2.10			
0730	1380			10-2 3/8	2-1 3/8	2.11			
0830	1440			10-2 3/8	2-1 3/8	2.11			
0900	1530			10-2 1/2	2-1 1/2	2.12			
1130	1620			10-2 5/8	2-1 5/8	2.14			
1400	1770			10-3 1/4	10-2 1/4	2.19			

PUMPING TEST FORM

PROJECT Roschman WELL D1 LOCATION Stuart PAGE 1 OF 1

SCREEN 124-129 l.s.d  
120-125 ft. M.P. 17.50 MSL HT. ABOVE G.S. \_\_\_\_\_ W.L. MEAS. W/ \_\_\_\_\_

α 10  
12.5 ft. PUMPING WELL Prod Q 325 ORIFICE \_\_\_\_\_ WEATHER \_\_\_\_\_

DRAWDOWN  RECOVERY  LOCATION SKETCH

TEST START 6-12-78  
 END \_\_\_\_\_

DATE TIME	I	HELD	WET	D.T.W. in	1/10% TPW	Q	Elev + ft. MSL	MANO-METER	Q	WATER TEMP.
0833				8'-9 3/8"	8.78					
0830	0			8'-9 3/8"	8.78	0.00				
0831	1			8'-9 1/8"	8.76	0.07	8.57			
0832	2			8'-11 1/2"	8.96	0.18	8.37			
0833	3			9'-1/4"	9.04	0.26	8.29			
0834	4			9'-1 1/2"	9.12	0.34	8.21			
0835	5			9'-3/4"	9.15	0.37	8.18			
0836	6			9'-2 3/8"	9.20	0.42	8.13			
0837	7			9'-2 1/2"	9.21	0.43	8.12			
0838	8			9'-1"	9.08	0.50	8.25			
0839	9			9'-2 1/4"	9.19	0.41	8.14			
0840	10			9'-2"	9.17	0.39	8.16			
0841	11			9'-2 1/4"	9.19	0.41	8.14			
0842	12			9'-2 1/4"	9.19	0.41	8.14			
0843	13			9'-2 1/4"	9.19	0.41	8.14			
0844	14			9'-2 1/4"	9.19	0.41	8.14			
0852	22			9'-2 1/2"	9.21	0.43	8.12			
0854	24			9'-3"	9.25	0.47	8.08			
0856	26			9'-3"	9.25	0.47	8.08			
0858	28			9'-3 1/2"	9.30	0.52	8.03			
0900	30			9'-4"	9.33	0.55	8.00			
0905	35			9'-4 3/8"	9.36	0.58	7.97			
0910	40			9'-4 3/8"	9.36	0.58	7.97			
0915	45			9'-4 3/8"	9.40	0.62	7.93			
0920	50			9'-5"	9.41	0.63	7.92			
0925	55			9'-4 3/4"	9.39	0.61	7.94			
0930	60			9'-6"	9.50	0.72	7.83			
0940	70			9'-6 1/2"	9.54	0.76	7.77			
0950	80			9'-7"	9.58	0.80	7.75			
1000	90	10.00	.38		9.62	0.84	7.71			
1010	100	10.00	.32		9.68	0.90	7.65			
1020	110	10.00	.30		9.70	0.92	7.63			
1030	120	10.00	.28		9.72	0.94	7.61			
1100	150	10.00	.22		9.78	1.00	7.55			
1130	180	11.00	1.20		9.80	1.02	7.53			
1230	240	11.00	1.13		9.87	1.09	7.46			
1300	270	11.00	1.10		9.90	1.12	7.43			



PUMPING TEST FORM

PROJECT Roschman WELL S2 LOCATION Roschman PAGE 1 OF 1

SCREEN 11/2-14 1.5 d  
10 12 1/2 ft M.P. TOC 13.63 MSL HT. ABOVE G.S. + W.L. MEAS. W/

180  
175 # PUMPING WELL Prod Q 325 ORIFICE 2x" WEATHER Overcast  
RM 11/8

DRAWDOWN  RECOVERY  LOCATION SKETCH S2 TEST START 6/12/78 0810  
END 6/13 1130

DATE TIME	t	HELD	WET	D.T.W.	s	Blv +MSL	MANO-METER	Q	WATER TEMP.
6:15		6.00	1.28	4.72					
6:25		5.00	0.24	4.66					
6:26		5.00	.28	4.72					
08:32	2	6.00	1.29	4.71	.01	8.92			
08:34	4	6.00	1.17	4.87	.15	7.76			
08:37	7	6.00	0.95	5.05	.33	8.58			
08:38	8	7.00	1.87	5.13	.41	8.50			
08:40	9	7.00	1.74	5.26	.54	8.37			
08:40	10	7.00	1.68	5.32	.60	8.31			
08:42	12	7.00	1.55	5.45	.73	8.18			
08:44	14	7.00	1.55	5.45	.73	8.18			
08:45	15	7.00	1.50	5.50	.78	8.13			
08:46	16	7.00	1.48	5.57	.80	8.11			
08:48	18	7.00	1.48	5.52	.80	8.11			
08:49	19	7.00	1.44	5.56	.84	8.07			
08:50	20	7.00	1.43	5.57	.85	8.06			
08:51	21	7.00	1.39	5.61	.89	8.02			
08:53	23	7.00	1.39	5.61	.89	8.02			
08:54	24	7.00	1.36	5.64	.92	7.99			
08:56	26	7.00	1.33	5.67	.95	7.96			
08:57	27	7.00	1.31	5.69	.97	7.94			
08:58	28	7.00	1.30	5.70	.98	7.93			
08:59	29	7.00	1.29	5.71	.99	7.92			
09:00	30	7.00	1.28	5.72	1.00	7.91			
09:04	34	7.00	1.23	5.77	1.05	7.86			
09:06	40	7.00	1.19	5.81	1.09	7.82			
09:15	45	7.00	1.15	5.85	1.13	7.78			
09:21	50	7.00	1.10	5.90	1.18	7.73			
09:22	55	7.00	1.09	5.91	1.19	7.72			
09:22	60	7.00	1.05	5.95	1.23	7.68			
09:22	70	7.00	1.06	5.94	1.22	7.67			
09:22	80	7.00	0.95	6.05	1.33	7.58			
09:22	90	7.00	0.92	6.08	1.36	7.55			
10:00	100	7.00	0.90	6.10	1.38	7.53			
10:00	110	7.00	0.88	6.12	1.40	7.51			
10:00	120	7.00	0.85	6.15	1.43	7.48			
11:00	150	8.00	1.78	6.22	1.50	7.41			
11:00	180	7.00	0.73	6.27	1.55	7.36			

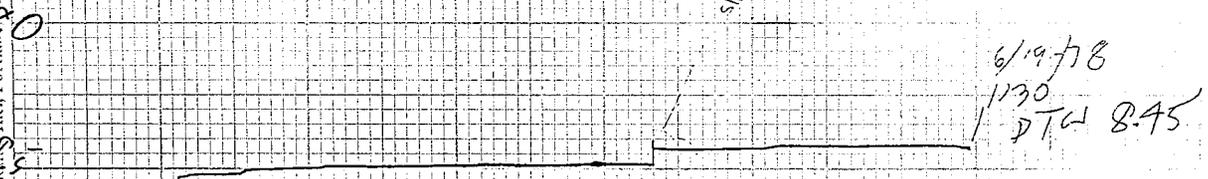
Roschman  
well # A1  
6-13-78

GERAGHTY & MILLER, INC.

DTW 8.75  
Time 1555

6/13      6/14      6/15      6/16      6/17      6/18      6/19      6/20

Lenpold & Stevens Instruments, Inc., Portland, Ore.



slip out of hole

6/19-78  
1130  
DTW 8.45

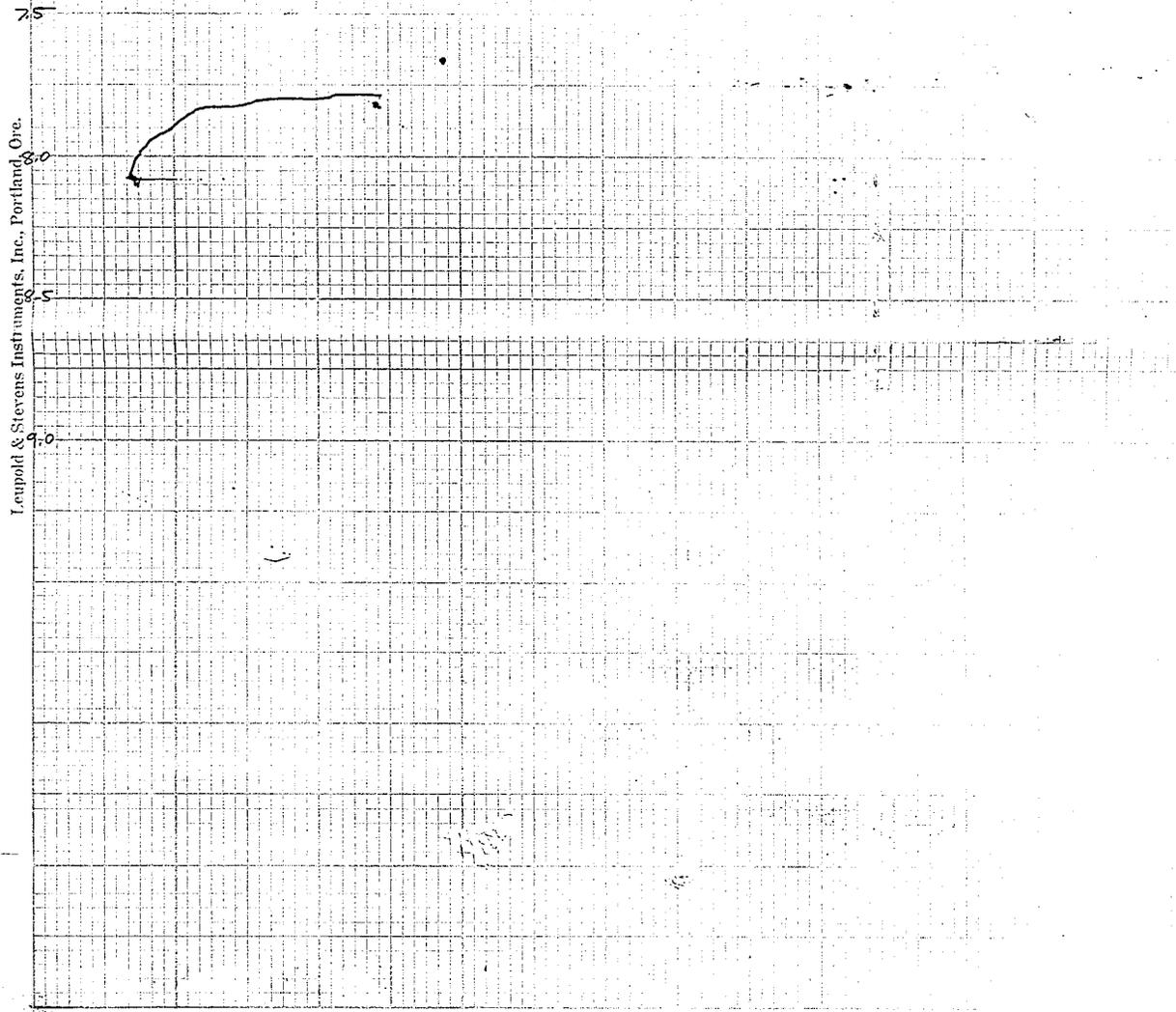
Roschman  
Well A3  
6-13-78

~~Wentworth & Associates~~  
1.5  
weekly

Recorder destroyed  
6/15/78 11:00 AM

DTW 8.09  
Time 1610

6/13 6/14 6/15 6/16 6/17 6/18 6/19 6/20



~~GERAGHTY & MILLER, INC.~~  
GERAGHTY & MILLER, INC.

Roschman  
well A3  
6-8-78  
Wheatley  
TOC

Time 1750 hr

DTW  
H9.00  
W11.07  
7.93

7.0

Leupold & Stevens Instrum. Inc., Portland, Ore.

8.0

8.5

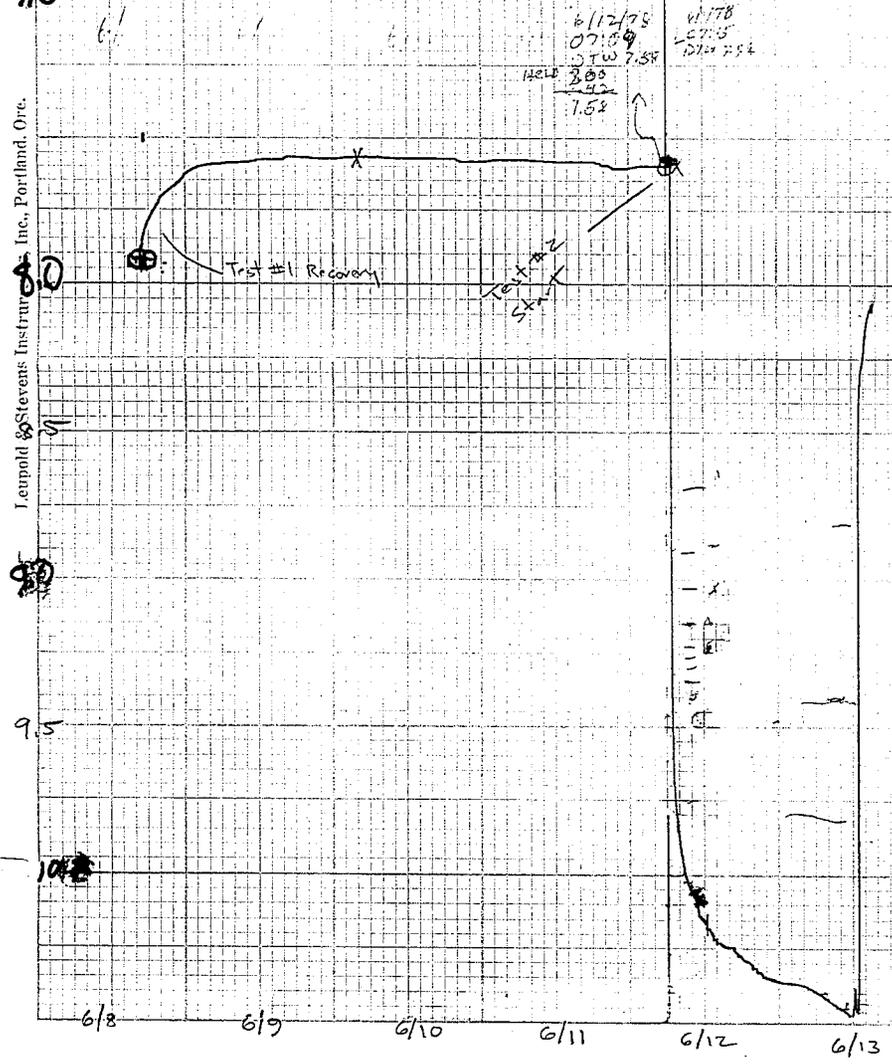
9.5

10.0

6/9      6/10      6/11      6/12

6/12/78  
07:59  
DTW 7.58  
Hole 300  
7.52

W/78  
L27.5  
D122 254



Trist #1 Recovery

Test #2  
X  
X  
X

6/8      6/9      6/10      6/11      6/12      6/13      6/14

Printed by: 7-5-78

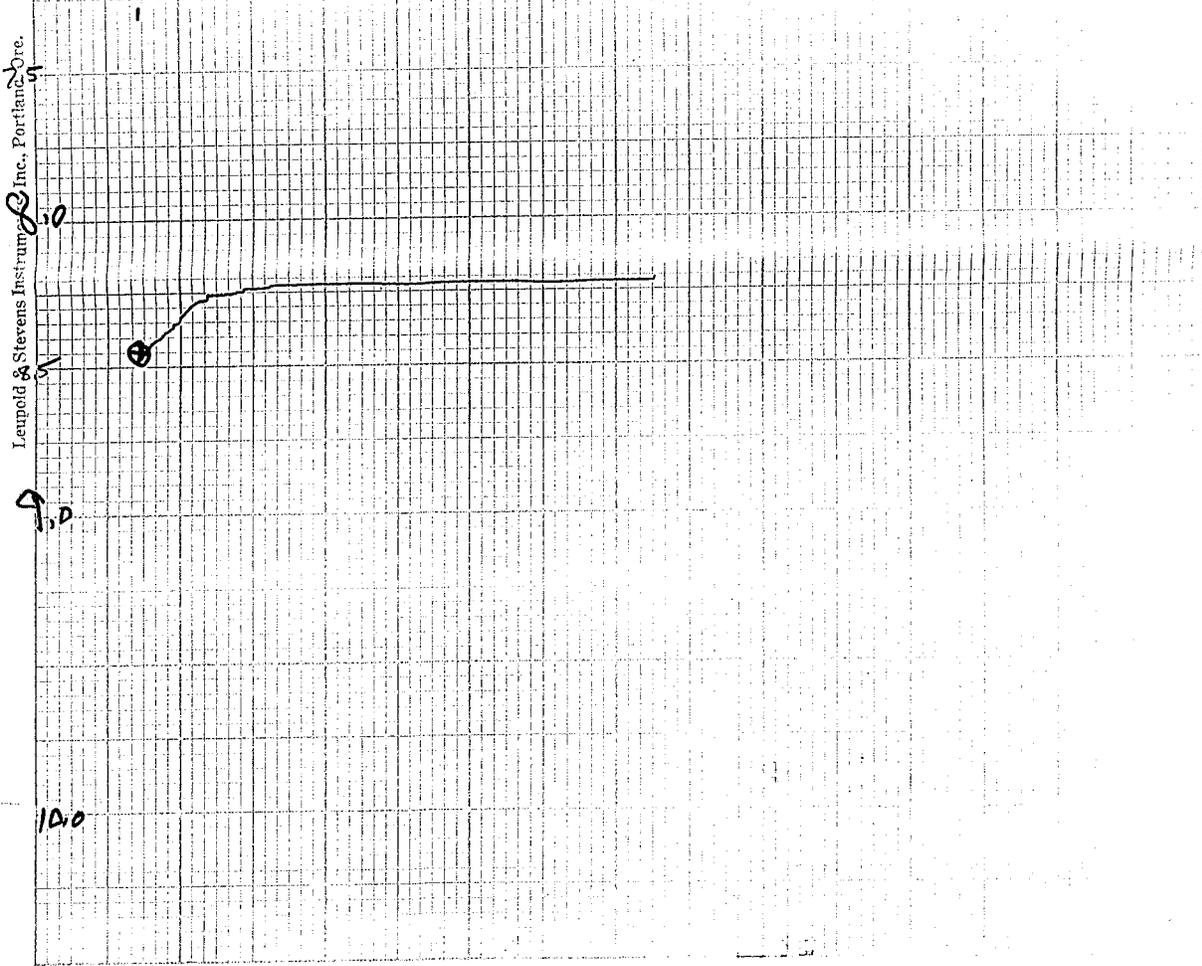
Roschman  
Well A1  
6-8-78  
17:45 hr  
Wheatley  
To C  
DTW 8.45  
H 9.00  
W 0.55  
8.45

GERAGHY & MILLER, INC.  
weekly  
1:5

Roschman  
Well # A1  
6/12/78  
DTW  
To C  
DTW  
FIELD 10.03  
Wet 1.24  
8.21 (π)

7.0 6/8 6/9 6/10 6/11 6/12 6/13 6/14 6/15

Leupold & Stevens Instrument Co., Portland, Ore.



Leupold & Stevens Instrument Co., Portland, Ore.