

AQUIFER TEST DATA

Page 1 of 1

Owner Gallagher Address _____ County _____ State _____
 Date 2/23/87 Company performing test SFWMD Measured by _____
 Well No. H-308D Distance from pumping well _____ Type of test Constant Rate Test No. 1
 Measuring equipment In Situ

Time Data				Water Level Data				• D3 D2 • • S2 DP X • PS D1 • • S1				N ↑ Comments on factors affecting test data
Pump on: Date _____ Time _____ (t ₀)		Static water level _____										
Pump off: Date _____ Time _____ (t ₁)		Measuring point _____										
Duration of aquifer test: _____		Elevation of measuring point _____										
Pumping _____		Recovery _____										

Date	Clock time	Time since pump started t	Time since pump stopped t'	1/4"	Well #	Head	Wet Static	Water level measurement	Correction or Conversion	Water level	Initial level Water level change Serial #	Scale Factor		
2/23	1440				1	4	2.0	Set at 15		2.0	1993	10.11	1	S1
	1445				2	6	1.71	Set at 20		4.29	710	10.04	2	D1
	1450				3	4	.39	Set at 15		3.61	2157	10.06	3	SP
	1455				4	5	1.76	Set at 25		3.24	209	10.02	4	S2
	1500				5	5	2.37	Set at 20		2.63	137	49.76	5	D2
	1505				6	5	1.73	Set at 20		3.27	158	49.82	6	D3
	—							Set at 10		1.0	599	10.06	7	Canal
	—							Set at 10		1.0	2247	10.12	8	Constant Head
	—													<u>manometer</u>
2/23	1600				1	5-	2.97			2.03				
					2	6-	1.72			4.28				
					3	5-	1.39			3.61				
					4	5-	1.79			3.21				
					5	5-	2.37			2.63				
					6	5-	1.72			3.28				
	1605													26.5" = 650 gpm
2/23	1745				1	5-	2.97			2.03				
					2	6	1.70			4.30				
					3	5	1.38			3.62				
					4	5	1.74			3.26				
					5	5	2.34			2.66				
	1755				6	5	1.70			3.30				
	1757	begin test - flowmeter at 750 gpm Manometa at 33.25" ≈ 705												
	1830						175 DAS Tape	diff						33" = 703
	1910				1	4-	1.95	2.02	2.05	.03				1920 - 38" ≈ 708
					2	6-	.81	5.18	5.19	.01				
					3	5-	1.36	3.63	3.64	.01				
					4	5-	1.70	3.27	3.30	.03				
					5	5-	1.36	3.65	3.64	.01				
								4.02	4.01	.02				

AQUIFER TEST DATA

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data				
Pump on: Date _____ Time _____ (t ₀)					Static water level _____					Manometer				
Pump off: Date _____ Time _____ (t ₀)					Measuring point _____									
Duration of aquifer test: _____					Elevation of measuring point _____									
Pumping _____ Recovery _____														
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'			Water level measurement	Correction or Conversion	Water level	Water level change s or s'				
2/23	2010												33"	
	2100												33"	
	2200												33"	
	2300												33"	
	2400												33-32 3/4" opened valve 1/2 notch	
	2405			1	5-	2.91 =	Tape 2.09	DAS 2.03	diff .06					
				2	6-	.79 =	5.21	5.19	.02					
				3	5-	1.33 =	3.67	3.66	.01					
				4	5-	1.68 =	3.32	3.30	.02					
				5	5	1.33 =	3.67	3.68	.01					
				6	5	.98 =	4.02	4.03	.01					
	2420												34" closed valve back to original position	
	2425												33"-33 1/2"	
1/24	0100												33 1/4"	
2/24	0200												33-33 1/4"	
	0300												33"	
	0400												33"	
	0500												33"	
	0600			1	5-	2.90 =	Tape 2.10	DAS 2.05	diff .05				33"	
				2	6-	.82 =	5.18	5.18	0					
				3	5-	1.30 =	3.70	3.68	.02					
				4	5-	1.64 =	3.36	3.33	.03					
				5	5-	1.36 =	3.64	3.71	.07					
	0617			6	6-	1.97 =	4.03	4.03	0				33"	
	0700												33"	
	0800												33"	
	0900	moved camper to generator											33"	
	1000												33"	

AQUIFER TEST DATA

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 Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data				
Pump on: Date _____ Time _____ (t ₀)					Static water level _____									
Pump off: Date _____ Time _____ (t ₁)					Measuring point _____									
Duration of aquifer test: Pumping _____ Recovery _____					Elevation of measuring point _____									
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'			Water level measurement	Correction or Conversion	Water level	Water level change s or s'	<u>Manometer</u>			
2/24	1045													
	1100													
	1110													
	1140													
	1200													
	1205													
	1220													
	1230	1			5-	2.88	$\frac{t_{gpc}}{2.012}$	$\frac{OBS}{2.09}$.03		canal = .92			
	(1102) 2				6-	0.80	5.20	5.21	.01		CH = .95			
	3				5-	1.28	3.72	3.70	.02					
	4				5-	1.63	3.37	3.36	.01		3.36			
	5				5-	1.34	3.66	3.74	.08					
	6				6-	1.97	4.03	4.06	.03					
	1235													
	1245													
	1250													
	1300													33 1/4"
	1315													
	1400													33 1/4
	1500													33 1/4
	1600													33 1/8
	1630	1			5-	2.91	2.09	2.03	.06	.03				
	(1330) 2				6-	0.85	5.14	5.13	.01	.06				
	3				5-	1.33	3.67	3.64	.03	.05				
	4				5-	1.66	3.34	3.32	.02	.03				
	5				5-	1.40	3.60	3.68	.08	.06				
	1635 6				6-	2.02	3.98	3.99	.01	.05				
	1700													33"

AQUIFER TEST DATA

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data				Water Level Data				Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀)		Pump off: Date _____ Time _____ (t ₁)		Static water level _____		Measuring point _____		Elevation of measuring point _____			
Duration of aquifer test: _____											
Pumping _____		Recovery _____									
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Water level measurement	Correction or Conversion	Water level	Tape 5 2 Water level change s or s'	DAS 5 2 S		
2/24	1800				still drizzling	total accumulation	0.13"			manometer 33"	
	1845				transducer (input) #1	bad					
	ET				#2	questionable					
	ET				#3	bad					
					#4	questionable					
					#5	OK					
					#6	OK					
					start hourly tape readings						
	1820			#1	5- 2.94	2.06	2.01	.05	-.03	+0.02	
	ET			2	6- 0.89	5.11	5.11	0	-.81	-.81	
	ET			3	5- 1.34	3.66	3.62	.04	-.04	0	
				4	5- 1.68	3.32	3.30	.02	-.06	-.04	
				5	5- 1.42	3.58	3.66	.08	-.92	-1.0	
				6	6- 2.05	3.95	3.96	.01	-.65	-.66	
	1900			1	4- 1.94	2.06	2.01	.05	-.03	+0.02	
	ET			2	6- 1.88	5.12	5.11	.01	-.82	-.81	
	ET			3	5- 1.34	3.66	3.63	.03	-.04	-.01	
				4	5- 1.68	3.32	3.30	.02	-.06	-.04	
				5	5- 1.42	3.58	3.66	.08	-.92	-1.0	
				6	6- 2.05	3.95	3.96	.01	-.65	-.66	
	2000			1	5- 2.93	2.07	2.01	.06	-.04	+0.02	
	ET			2	6- .88	5.12	5.12	0	-.82	-.82	
	1562			3	5- 1.32	3.68	3.62	.06	-.06	0	
				4	5- 1.68	3.32	3.29	.07	-.06	-.03	
				5	5- 1.42	3.56	3.66	.11	-.90	-1.0	
				6	6- 2.04	3.96	3.96	0	-.66	-.66	
										drizzle rain 33" rain gauge	

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Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____
Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____	Time _____ (h)	Pump off: Date _____	Time _____ (h)	Duration of aquifer test: _____	Pumping _____	Recovery _____	Static water level _____	Measuring point _____	Elevation of measuring point _____				
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Trans. #	Held	Wet Tape	DTW Tape Water level measurement	DTW DAS Correction or Conversion	Water level	Tape Water level change s or s'	DAS Water level change S	
2/24	2100				1	5-	2.85	2.05	2.00	.05	-.02	+0.03	rain stopped, no additional accumulation since 1800
					2	6-	.89	5.11	5.11	0	-.81	-.81	manometer at 33"
					3	5-	1.33	3.67	3.62	.05	-.05	0	
					4	5-	1.67	3.33	3.29	.04	-.07	-.03	
					5	5-	1.43	3.57	3.65	.08	-.91	-.99	
					6	6-	2.04	3.96	3.96	0	-.66	-.66	
					1	4-	1.94	2.06	2.0	.06	-.03	+0.03	no rain
					2	5-	.90	5.10	5.10	0	-.80	-.80	manometer at 33 1/4"
					3	5-	1.35	3.65	3.62	.03	-.03	0	adjusted valve
					4	5	1.69	3.31	3.29	.02	-.05	-.03	manometer at 33"
					5	5	1.44	3.56	3.66	.10	-.90	-1.0	
					6	6	2.06	3.94	3.96	.02	-.64	-.66	
					1	4-	1.94	2.06	2.00	.06	-.03	+0.03	no rain, clear sky
					2	6-	.90	5.10	5.09	0	-.80	-.79	33"
					3	5-	1.34	3.66	3.61	.05	-.04	+0.01	
					4	5	1.68	3.32	3.28	.04	-.06	-.02	
					5	5-	1.43	3.57	3.65	.08	-.91	-.99	
					6	6-	2.06	3.94	3.93	.01	-.64	-.63	
					1	4	1.94	2.06	2.0	.06	-.03	+0.03	no rain, clear sky
					2	6	.91	5.09	5.08	.01	-.79	-.78	33"
					3	5	1.34	3.66	3.61	.05	-.04	+0.01	
					4	5	1.68	3.32	3.28	.06	-.06	-.02	
					5	5	1.43	3.57	3.64	.07	-.91	-.98	
					6	6	2.07	3.93	3.93	0	-.63	-.63	

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 Date _____ Company performing test _____ Measured by _____
 Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀)	Pump off: Date _____ Time _____ (t ₁)	Duration of aquifer test: _____	Pumping _____ Recovery _____	Static water level _____	Measuring point _____	Elevation of measuring point _____							
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	Tape Water level measurement	OAS Correction or Conversion	Tape/OAS Diff Water level	Tape Water level change s or s'	OAS Water level change S		
2/25	0100				1	4	1.94	2.06	2.0	.06	-.03	+0.03	no rain
	(1862)				2	6	.90	5.10	5.08	.02	-.80	-.78	33" manometer
					3	5	1.33	3.67	3.62	.05	-.05	0	
					4	5	1.68	3.32	3.29	.03	-.06	-.03	
					5	5	1.44	3.56	3.65	.09	-.90	-.99	
					6	6	2.07	3.93	3.93	0	-.63	-.63	
2/25	0200				1	4	1.94	2.06	2.0	.06	-.03	+0.03	clouding up
	(1922)				2	6	.91	5.09	5.08	.01	-.79	-.78	33"
					3	5	1.33	3.67	3.63	.04	-.05	+0.01	
					4	5	1.68	3.32	3.29	.03	-.06	-.03	
					5	5	1.43	3.57	3.65	.08	-.90	-.99	
					6	6	2.07	3.93	3.95	.02	-.63	-.65	
0300					1	4	1.93	2.07	2.01	.06	-.04	+0.02	cloudy
	(1982)				2	6	.93	5.07	5.08	.01	-.77	-.78	manometer 33"
					3	5	1.33	3.67	3.63	.03	-.05	-.01	
					4	5	1.68	3.32	3.29	.03	-.06	-.03	
					5	5	1.46	3.54	3.64	.10	-.88	-.98	
					6	6	2.06	3.94	3.95	.01	-.64	-.65	
0400					1	4	1.92	2.08	2.01	.07	-.05	+0.02	cloudy
	(2042)				2	6	.91	5.09	5.08	.01	-.79	-.78	33"
					3	5	1.33	3.67	3.63	.04	-.05	-.01	
					4	5	1.66	3.34	3.29	.05	-.68	-.03	
					5	5	1.43	3.57	3.64	.07	-.91	-.98	
					6	6	2.06	3.94	3.95	.01	-.64	-.65	

Measuring equipment

Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	Tape	DAS	Tape/as	Tape	DAS	Remarks	
							Water level measurement	Correction or Conversion	Diff.	Water level change s or s'	Water level change s		
2/25	0510				1	4	1.91	2.09	2.02	.07	-.06	+01	cloudy manometer 33
	(2112)				2	6	.90	5.10	5.09	.01	-.80	-.79	
					3	5	1.32	3.68	3.64	.04	-.06	-.02	
					4	5	1.66	3.34	3.30	.04	-.08	-.04	
					5	5	1.43	3.57	3.64	.07	-.91	-.98	
					6	6	2.05	3.95	3.95	0	-.65	-.65	
0600	(2162)				1	4	1.91	2.09	2.02	.07	-.06	+01	cloudy manometer 33"
					2	6	.90	5.10	5.09	.01	-.80	-.79	
					3	5	1.32	3.68	3.65	.03	-.06	-.03	
					4	5	1.66	3.34	3.30	.04	-.08	-.04	
					5	5	1.42	3.58	3.65	.07	-.92	-.99	
					6	6	2.06	3.94	3.95	.01	-.64	-.65	
0700	(2222)				1	4			2.03			0	manometer 33"
					2	6			5.10			-.80	
					3	5			3.65			-.03	
					4	5			3.30			-.04	
					5	5			3.65			-.99	
					6	6			3.96			-.66	
0730	2252												manometer 32 3/4, correct value, manometer now 33"
0800	2282				1	4	1.91	2.09	2.03	.06	-.06	0	
					2	6	.86	5.14	5.10	.04	-.84	-.80	
					3	5	1.31	3.69	3.65	.04	-.07	-.03	
					4	5	1.65	3.35	3.31	.04	-.09	-.05	
					5	5	1.42	3.58	3.66	.08	-.92	-1.0	
					6	6	2.04	3.96	3.96	0	-.66	-.66	

AQUIFER TEST DATA

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment

Time Data						Water Level Data				Comments on factors affecting test data		
Pump on: Date _____ Time _____ (t _o)	Pump off: Date _____ Time _____ (t _f)	Duration of aquifer test: Pumping _____ Recovery _____	Static water level _____	Measuring point _____	Elevation of measuring point _____							
Date	Clock time	Time since pump started t	Time since pump stopped r	t/r	Held wet	Tape Water level measurement	DAS Correction or Conversion	Tape/DAS diff. Water level	Tape Water level change s or s'	Cumulative Das water level change S	Tape DTW change	
2/25	0900	2342		1			2.04			- .01	33 1/4 to 33 1/2 readjusted	
				2			5.11			- .81	33-33 1/4 @ 0905	
				3			3.67			- .05	weather cleared and getting windy	
				4			3.32			- .06		
				5			3.66			- 1.0		
				6			3.96			- .66		
	0430	2372									33 1/4" readjusted value	
	1000	2402		1	4-	1.91	82.09	2.04	.05	- .01	- .06	33 1/4
				2	6	.87	5.13	5.10	.03	- .80	- .83	
				3	5	1.30	3.70	3.66	.04	.04	.08	
				4	5	1.65	3.35	3.31	.04	- .05	- .09	
				5	5	1.41	3.59	3.66	.07	- 1.0	- .90	
				6	6	2.04	3.96	3.95	.01	- .65	- .65	
	1100	2462		1								
				2			2.07			- .04		33 1/8
				3			5.13			- .83		wind gusting
				4			3.68			- .06		
				5			3.32			- .06		
				6			3.68			- 1.02		
				6			3.98			- .68		
	1130	2492										
DAS readings fluctuating wildly (^{over} approx 1/10 ft), but maintaining average around 1100 readings # 3, 4, 5, 8 fairly stable, 1, 2, 6, 7 fluctuating, 6 & 7 changing the most. Laid covers loosely on top of wells well's. Fluctuations seemed to moderate slightly for 10 minutes, they started again. # 7 changing from 3.86 to 1.02, # 6 changing from 3.89 to 4.03												

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Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀)					Static water level _____								
Pump off: Date _____ Time _____ (t _f)					Measuring point _____								
Duration of aquifer test: _____					Elevation of measuring point _____								
Pumping _____ Recovery _____													
Date	Clock time	Time since pump started t	Time since pump stopped t'	t-t'			Tape PTW Water level measurement	DAS PTW Correction of Conversion	Tape/ DAS diff Water level	Water level change s or s'	cumulative DAS PTW change	cumulative Tape PTW change	
1155	1155	2517			1	5-	2.91=2.04	2.04	2.07	.02	-.04	-.06	33 1/8", partly cloudy
					2	6-	.88	5.12	5.16	.04	-.86	-.88	
					3	5-	1.31	3.69	3.68	.01	-.06	-.07	DAS readings still
					4	5-	1.65	3.35	3.32	.03	-.06	-.09	fluctuating
					5	5-	1.42	3.48	4.22	.10	-1.02	-.92	
					6	6-	2.04	3.96	4.02	.06	-.72	-.66	
1200								2.10					
								2.10					
	1300	2582			1	5-	2.90	2.10	1.98	.12	+.05	-.07	33 1/8", mostly cloudy
					2	6-	.86	5.14	5.07	.07	-.84	-.84	wind still gusty
					3	5-	1.29	3.71	3.64	.07	-.02	-.09	DAS readings still
					4	5-	1.64	3.36	3.32	.04	-.06	-.10	fluctuating
					5	5-	1.40	3.60	3.66	.06	-1.00	-.94	
					6	6-	2.04	3.96	3.92	.04	-.62	-.62	
	1400	2642			1	5-	2.90	2.10	2.04	.06	-.01	-.07	33 1/8", very light rain sprinkles
					2	6-	.87	5.13	5.11	.02	+.81	-.83	no accumulation
					3	5-	1.31	3.69	3.67	.02	-.05	-.07	
					4	5-	1.64	3.36	3.32	.04	-.06	-.10	
					5	5-	1.41	3.59	3.68	.09	-1.02	-.93	
					6	6-	2.03	3.92	3.96	.01	-.66	-.67	

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 Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data		
Pump on: Date _____ Time _____ (t ₀) Pump off: Date _____ Time _____ (t ₀) Duration of aquifer test: _____ Pumping _____ Recovery _____					Static water level _____ Measuring point _____ Elevation of measuring point _____							
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	Tape DTW Water level measurement	DTW 5 ft. or less Conversion	Tape DTW Day diff. Water level	Comulative DTW change	Tape DTW change	
600	2762			1	4	1.89	2.11	2.04	.07	-.01	-.08	manometer 33" at 1625
				2	6	.85	5.15	5.13	.02	-.83	-.85	
				3	5	1.28	3.72	3.67	.05	-.15 ⁵	-.05	
				4	5	1.64	3.36	3.33	.03	-.10 ⁵	-.07	
				5	5	1.39	3.61	3.69	.08	-.95 ⁵	-1.03	
				6	6	2.02	3.98	3.98	0	-.68	-.68	
1700	2822			1	5	2.88	2.12	2.05	.07	-.02	-.09	manometer 33"
				2	6	.85	5.15	5.13	.02	-.85	-.83	
				3	5	1.29	3.71	3.68	.03	-.06	-.09	
				4	5	1.63	3.37	3.33	.04	-.07	-.11	
				5	5	1.38	3.62	3.71	.09	-1.05	-.96	
				6	6	2.02	3.98	3.99	.01	-.69	-.68	
800	2882			1	5-	2.87	2.13	2.05	.08	-.02	-.10	33"
				2	6-	.84	5.16	5.14	.02	-.86	-.84	
				3	5-	1.27	3.73	3.68	.05	-.06	-.11	
				4	5-	1.63	3.37	3.34	.03	-.08	-.11	
				5	5-	1.39	3.61	3.71	.10	-1.05	-.95	
				6	6-	2.01	3.99	3.99	0	-.69	-.69	
1900	2942			1	5-	2.87	2.13	2.05	.08	-.02	-.10	33" DTW TH
				2	6-	.83	5.13	5.15	.02	-.83	-.85	
				3	5-	1.26	3.74	3.68	.06	-.06	-.12	
				4	5-	1.62	3.38	3.34	.04	-.08	-.12	
				5	5-	1.38	3.62	3.72	.10	-1.06	-.96	
				6	6-	2.00	4.00	4.00	0	-.70	-.70	

AQUIFER TEST DATA

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀)	Pump off: Date _____ Time _____ (t ₀)	Duration of aquifer test: _____	Pumping _____	Recovery _____	Static water level _____	Measuring point _____	Elevation of measuring point _____						
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	DTW TAPF Water level measurement	DTW DAS Correction 6.6 Conversion	Tape DAS DIP Water level	Water level change s or s'	Cumulative TAPF DAS s		
2000	3002			1	5-	2.88	2.12	2.06	.06		-.09	-.03	33"
				2	6-	.82	5.18	5.15	.03		-.88	-.85	
				3	5-	1.26	3.74	3.69	.05		-.12	-.07	
				4	5-	1.62	3.38	3.34	.04		-.13	-.08	
				5	5-	1.36	3.64	3.72	.08		-.98	-1.06	
				6	6-	2.00	4.00	4.00	0		-.70	-.70	
100	3062			1	5-	2.88	2.12	2.06	.06		-.09	-.03	33", sky clear
				2	6-	.82	5.18	5.15	.03		-.88	-.85	
				3	5-	1.26	3.74	3.69	.05		-.12	-.07	
				4	5-	1.62	3.38	3.34	.04		-.13	-.08	
				5	5-	1.36	3.64	3.74	.10		-.98	-1.08	
				6	6-	1.99	4.01	4.02	.01		-.71	-.72	
200	3122			1	5-	1.86	2.14	2.06	.08		-.11	-.05	33"
				2	6-	.84	5.18	5.15	.05		-.88	-.85	
				3	5-	1.26	3.74	3.69	.05		-.12	-.07	
				4	5-	1.61	3.39	3.34	.05		-.13	-.08	
				5	5-	1.36	3.64	3.72	.08		-.98	-1.08	
				6	6-	1.99	4.01	4.02	.01		-.71	-.72	
300	3182			1	5-	1.86	2.14	2.06	.08		-.11	-.05	33"
				2	6-	.83	5.17	5.14	.03		-.87	-.84	
				3	5-	1.26	3.74	3.70	.04		-.12	-.08	
				4	5-	1.61	3.39	3.34	.05		-.13	-.09	
				5	5-	1.37	3.63	3.72	.09		-.97	-1.06	
				6	6-	1.99	4.01	4.02	.01		-.71	-.72	

AQUIFER TEST DATA

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Owner Gallagher Address _____ County _____ State _____
 Date _____ Company performing test _____ Measured by _____
 Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀) Pump off: Date _____ Time _____ (t _f) Duration of aquifer test: _____ Pumping _____ Recovery _____					Static water level _____ Measuring point _____ Elevation of measuring point _____								
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	DTW TAPE	DTW OAS	TAPE/OAS	Water level change s or s'	Cumulative		
							Water level measured manually	Correction or Conversion	OAS DIFF.		Water level	TAPE	OAS
2/25													
1400		3242			1	4-	1.84	2.14	2.06	.08	-.11	-.03	
					2	6-	.82	5.88	5.14	.04	-.88	-.84	
					3	5-	1.26	3.74	3.70	.04	-.12	-.08	
					4	5-	1.60	3.40	3.34	.06	-.14	-.08	
					5	5-	1.38	3.62	3.71	.09	-.96	-1.05	
					6	6-	1.99	4.01	4.02	.01	-.71	-.72	
1/26													
100		3302			1	4-	1.86	2.14	2.06	.08	-.11	-.03	33" manometer
					2	6-	.82	5.18	5.13	.05	-.88	-.83	
					3	5-	1.26	3.74	3.69	.05	-.12	-.07	
					4	5-	1.61	3.39	3.34	.05	-.13	-.08	
					5	5-	1.39	3.61	3.71	.10	-.95	-1.05	
					6	6-	2.0	4.0	4.02	.02	-.70	-.72	
200		3362			1	4-	1.86	2.14	2.07	.07	-.11	-.04	
					2	6-	.82	5.18	5.13	.05	-.88	-.83	
					3	5-	1.25	3.75	3.70	.05	-.13	-.08	
					4	5-	1.60	3.40	3.34	.06	-.14	-.08	
					5	5-	1.39	3.61	3.69	.08	-.95	-1.03	
					6	6-	2.0	4.0	4.02	.02	-.70	-.72	
300		3422			1	4-	1.87	2.13		.06	-.10	-.04	33" manometer
					2	6-	.83	5.17	2.07	.04	-.87	-.83	
					3	5-	1.26	3.74	5.13	.05	-.10	-.07	
					4	5-	1.60	3.40	3.69	.06	-.14	-.08	
					5	5-	1.40	3.60	3.34	.09	-.94	-1.03	
					6	6-	2.0	4.0	3.69	0	-.70	-.72	
								4.00					

AQUIFER TEST DATA

Owner Gallagher

Date _____ Company performing test _____

Well No. _____ Distance from pumping well _____ Type of test _____

Measuring equipment

Time Data	Water Level Data		
Pump on: Date _____ Time _____ (t_0)	Static water level _____		Comments on factors affecting test data
Pump off: Date _____ Time _____ (t')	Measuring point _____		
Duration of aquifer test:	Elevation of measuring point _____		
Pumping _____ Recovery _____			

Date	Clock time	Time since pump started	Time since pump stopped	t/t'	Held	Wet	DTW	DTW	Tape	Water level change s or s'	Cumulative			
		t	t'				Tape	DAS	Tape = S		DAS = S			
2/26	0400	3482			1	4	1.85	2.15	2.07	.08		-.12	-.04	
					2	6	.83	5.17	5.13	.04		-.87	-.83	
					3	5	1.25	3.75	3.70	.05		-.13	-.08	
					4	5	1.60	3.40	3.34	.06		-.14	-.08	
					5	5	1.40	3.60	3.69	.09		-.94	-1.03	
					6	6	2.0	4.0	4.02	.02		-.70	-.72	
	0500	3542			1	4	1.86	2.14	2.07	.07		-.11	-.04	33" manometer
					2	6	.83	5.17	5.13	.04		-.87	-.83	
					3	5	1.26	3.74	3.70	.04		-.12	-.08	
					4	5	1.60	3.40	3.34	.06		-.14	-.08	
					5	5	1.39	3.61	3.69	.08		-.95	-1.03	
					6	6	2.0	4.0	4.02	.02		-.70	-.72	
	0600	3602			1	4	1.86	2.14	2.08	.06		-.11	-.05	
					2	6	.82	5.18	5.13	.05		-.88	-.83	
					3	5	1.26	3.74	3.70	.04		-.12	-.08	
					4	5	1.60	3.40	3.34	.06		-.14	-.08	
					5	5	1.39	3.61	3.69	.08		-.95	-1.03	
					6	6	2.0	4.0	4.02	.02		-.70	-.72	
	0700	3602			1	4	1.85	2.15	2.08	.07		-.12	-.05	33" manometer
					2	6	.83	5.17	5.13	.04		-.87	-.83	
					3	5	1.25	3.75	3.71	.04		-.13	-.09	
					4	5	1.60	3.40	3.35	.05		-.14	.09	
					5	5	1.36	3.64	3.69	.05		-.98	-1.03	
					6	6	1.99	4.01	4.03	.02		-.71	-.73	

AQUIFER TEST DATA

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment

Time Data	Water Level Data		Comments on factors affecting test data
Pump on: Date _____ Time _____ (t_0)	Static water level _____		
Pump off: Date _____ Time _____ (t'_0)	Measuring point _____		
Duration of aquifer test:	Elevation of measuring point _____		
Pumping _____ Recovery _____			

Date	Clock time	Time since pump started	Time since pump stopped	t/t'				DTW Tape Water level measurement	DTW DAS Correction or Conversion	Tape/DAS diff Water level	Water level change s or s'	Cumulative		
		t	t'									Tape S	DAS S	
2/26	0800	3722			1	4	1.86	2.14	2.09	.05		-11	-06	
					2	6	.83	5.17	5.14	.03		-.87	-.84	
					3	5	1.25	3.75	3.71	.04		-.13	-.09	
					4	5	1.60	3.40	3.35	.05		-.14	-.09	
					5	5	1.36	3.64	3.71	.07		-.98	-1.05	
					6	6	1.99	4.01	4.03	.02		-.71	-.73	
0910	0900	3792			1	4	1.85	2.15	2.09	.06		-.12	-.06	33"
					2	6	.82	5.18	5.15	.03		-.88	-.85	
					3	5	1.24	3.76	3.72	.04		-.14	-.10	
					4	5	1.59	3.41	3.35	.06		-.15	-.09	
					5	5	1.35	3.65	3.71	.06		-.99	-1.05	
					6	6	1.99	4.01	4.03	.02		-.71	-.73	
1000	3842				1	4	1.84	2.16	2.10	.06		-.13	-.07	wind came up, PAS
					2	6	.81	5.19	5.15	.04		-.89	-.85	readings started to
					3	5	1.24	3.76	3.72	.04		-.14	-.10	fluctuate, 33' 8"
					4	5	1.59	3.41	3.35	.06		-.15	-.09	
					5	5	1.35	3.65	3.71	.06		-.99	-1.05	
					6	6	1.99	4.01	4.03	.02		-.71	-.73	
1100	3902				1	4	1.85	2.15	2.12	.03		-.12	-.09	33"
					2	6	.80	5.20	5.17	.03		-.90	-.87	
					3	5	1.25	3.75	3.73	.02		-.13	-.11	
					4	5	1.58	3.42	3.35	.07		-.16	-.09	
					5	5	1.35	3.65	3.71	.06		-.99	-1.05	
					6	6	1.98	4.02	4.03	.01		-.72	-.73	

AQUIFER TEST DATA

15

Owner Gallagher Address _____ County _____ State _____

Date _____ Company performing test _____ Measured by _____

Well No. _____ Distance from pumping well _____ Type of test _____ Test No. _____

Measuring equipment _____

Time Data					Water Level Data					Comments on factors affecting test data			
Pump on: Date _____ Time _____ (t ₀)					Static water level _____								
Pump off: Date _____ Time _____ (t ₁)					Measuring point _____								
Duration of aquifer test: Pumping _____ Recovery _____					Elevation of measuring point _____								
Date	Clock time	Time since pump started t	Time since pump stopped t'	t/t'	Held	Wet	DTW Type Water level measurement	DTW DAS or Conversion	diff Water level	Water level change s or s'	Cumulative TAP s	Cumulative DAS s	
	1200	39	62		1	4	1.84	2.16	2.16	0	0 -0.13	-0.13	33", wind still gusting
					2	6	.80	5.20	5.20	0	0 -0.90	-0.90	DAS still fluctuating
					3	5	1.24	3.76	3.74	.02	0 -0.14	-0.12	
					4	5	1.59	3.41	3.35	.06	0 -0.15	0 -0.09	
					5	5	1.30	3.64	3.71	.07	-0.98	-1.05	
					6	6	1.97	4.03	4.08	.05	-0.71	-0.76	
	1300	40	12		1	4	1.83	2.17	2.09	.08	-0.14	-0.06	33", wind + DAS gusting
					2	6	.80	5.20	5.13	.07	-0.90	-0.83	and fluctuating
					3	5	1.23	3.77	3.73	.04	-0.15	-0.11	
					4	5	1.59	3.41	3.35	.06	-0.15	-0.09	
					5	5	1.35	3.65	3.71	.06	-0.99	-1.05	
					6	6	1.97	4.03	3.98	.05	-0.71	-0.66	
	1400	40	08		1	4	1.83	2.17	2.11	.06	-0.14	-0.08	32 7/8", adjust valve,
					2	6	.80	5.20	5.21	.01	-0.90	-0.91	manometer to 33 7/8
					3	5	1.22	3.78	3.74	.04	-0.16	-0.12	
					4	5	1.59	3.41	3.36	.05	-0.15	-0.10	
					5	5	1.35	3.65	3.74	.09	-0.99	-1.08	
					6	6	1.97	4.03	4.09	.06	-0.71	-0.77	
	1500	41	12		1	4	1.82	2.18	2.09	.09	-0.15	0 -0.06	33 1/8"
					2	6	.80	5.20	5.16	.04	-0.90	0 -0.86	
					3	5	1.22	3.78	3.73	.05	-0.16	0 -0.11	
					4	5	1.58	3.40	3.36	.06	-0.16	0 -0.10	
					5	5	1.37	3.71	3.63	.08	-0.97	0 -1.12	
					6	6	1.97	4.02	4.02	.01	-0.71	0 -0.70	

gallegher

(16)
Cumulative
5

date	clock	ET	Well #	Held	Wet	DTW		diff	Cumulative		
						TAPE	DHS		Type	ΔAS ^E	
2/26	1600	4202	1	4	1.82	2.18	2.09	.09	-.15	-.06	33 1/8"
			2	6	.79	5.21	5.17	-.04	-.91	-.87	
			3	5	1.23	3.77	3.73	.04	-.15	-.11	
			4	5	1.57	3.43	3.36	.07	-.17	-.10	
			5	5	1.32	3.68	3.74	.06	-.102	-1.08	
			6	6	1.97	4.03	4.03	0	-.71	-.71	
1730	4292		1	4	1.82	2.18	2.10	.08	-.15	-.07	
			2	6	.76	5.24	5.18	.06	-.94	-.88	
			3	5	1.21	3.79	3.74	.05	-.17	-.12	
			4	5	1.58	3.42	3.37	.05	-.16	-.11	
			5	5	1.33	3.67	3.75	.08	-1.01	-1.09	
			6	6	1.94	4.07	4.05	.02	-.75	-.73	
1800	4322		1								
			2	6	1.78	5.22	5.19	.03	-.92	-.89	
			3								
			4								
			5	5	1.32	3.68	3.75	.07	-1.02	-1.09	
			6	6	1.94	4.07	4.06	.01	-.75	-.74	

1831 ~~Wellbore~~ RECOVERY STARTS

2027	118		1	4	1.82	2.12	2.09	.03	-.09	-.06	
			2	6	1.67	4.33	4.30	.07	-.03	0	
			3	5	1.22	3.78	3.72	.06	-.16	-.10	
			4	5	1.60	3.40	3.34	.06	-.14	-.08	
			5	5	2.32	2.68	2.75	.07	-.02	-.09	
			6	6	2.65	3.35	3.34	.01	-.05	-.04	

gallagher

(17)

date	clock	ET	well #	Held	Wet	DTW THAF	DTW OAS	diff	Cumulative Tape S	OAS S
2125	175		1	5	2.84	2.16	2.08	.08	-.13	-.05
			2	6	1.06	4.34	4.29	.05	-.04	+.01
			3	5	1.23	3.77	3.72	.05	-.15	-.10
			4	5	1.59	3.41	3.34	.07	-.15	-.08
			5	5	2.31	2.69	2.75	.06	-.03	-.09
			6	6	2.65	3.35	3.33	.02	-.05	-.03

2227	236		1	4	1.85	2.15	2.07	.08	-.12	-.04
			2	6	1.67	4.33	4.29	.04	-.03	+.01
			3	5	1.26	3.74	3.71	.03	-.12	-.09
			4	5	1.61	3.39	3.33	.06	-.13	-.07
			5	5	2.33	2.67	2.75	.08	-.01	-.09
			6	6	2.67	3.33	3.33	0	-.03	-.03

2327	296		1	4	1.86	2.14	2.07	.07	-.11	-.04
			2	6	1.68	4.32	4.28	.04	-.02	+.02
			3	5	1.27	3.73	3.70	.03	-.11	-.08
			4	5	1.61	3.39	3.32	.07	-.13	-.06
			5	4	1.34	2.66	2.73	.07	-0-	-.07
			6	5	1.68	3.32	3.31	.01	-.02	-.01

0027	0028	358	1	4	1.86	2.14	2.06	.08	-.11	-.03
			2	5	.68	4.32	4.27	.05	-.02	+.03
			3	5	1.27	3.73	3.70	.03	-.11	-.08
			4	5	1.62	3.38	3.32	.06	-.12	-.06
			5	4	1.35	2.65	2.72	.07	+.01	-.06
			6	5	1.69	3.31	3.30	.01	-.01	0

0223	473		1	4	1.86	2.14	2.06	.08	-.11	-.03
			2	5	.69	4.31	4.26	.05	-.01	+.04
			3	5	1.28	3.72	3.69	.03	-.10	-.07
			4	5	1.63	3.37	3.30	.07	-.11	-.04
			5	4	1.36	2.64	2.70	.06	+.02	-.04
			6	5	1.70	3.30	3.30	0	-0-	-0-

Gallagher

(18)
Cumulative
Tape DAs
S S'

date	clock	ET	well#	Held	Wet	DTW Tape	DTW DAs	diff	S	S'
2/27	0437	007	1	4	1.87	2.13	2.06	.07	-.10	-.03
			2	5	.70	4.30	4.26	.04	-0-	+.04
			3	5	1.28	3.72	3.69	.03	-.10	-.07
			4	5	1.63	3.37	3.30	.07	-.11	-.04
			5	4	1.35	2.65	2.70	.05	+.01	-.04
			6	5	1.70	3.30	3.30	0	-0-	-0-

0623	713		1	4	1.87	2.13	2.07	.06	-.10	-.04
			2	5	.70	4.30	4.27	.03	-0-	+.03
			3	5	1.27	3.73	3.69	.04	-.11	-.07
			4	5	1.62	3.38	3.30	.08	-.12	-.04
			5	4	1.34	2.66	2.70	.04	-0-	-.04
			6	5	1.69	3.31	3.30	.01	-.01	0

1

2

3

4

5

6

1

2

3

4

5

6

1

2

3

4

5

6