

AQUIFER TEST DATA

WELL Tu-3-T-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 1 OF 4
 PUMP ON: date 08/01/80 time 0827
 PUMP OFF: date 08/03/80 time 1208
 DURATION OF AQUIFER TEST 6 hrs 3 min

TYPE OF AQUIFER TEST Step Drawdown
 HOW Q MEASURED Calibrated 5 gal bucket
 HOW W.L.'s MEASURED Water level Indicator/Sonar DEPTH OF PUMP/AIRPIPE 330 ft / 1330 ft
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s Zapalantasing
 ELEVATION OF MEAS. POINT 692 ft above ground level

LOCATION Lake Volcan, Tula
 PERSONNEL F. Durban

PROJECT PROJ FV80 70-700

TIME					WATER LEVEL DATA				DISCHARGE		RECORDED BY	COMMENTS		
t = _____ at t' = 0					STATIC WATER LEVEL <u>90.0 ft</u>				READING	Q				
DAY	CLOCK TIME	t	t'	t-t'	Channel or READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'						
8/01	0807				98.97	-4.81							Gauge Rec. used Stat. = 1220.0 ft S = 236.747 ft	
	0808				98.97	-4.81								
	0809				98.97	-4.81								
	0810				98.97	-4.81								
	0811				98.97	-4.82								
	0812				98.96	-4.81								
	0813				98.96	-4.81								
	0814				98.96	-4.81								
	0815				98.97	-4.81								
	0816				98.96	-4.81								
		0827	0		0	98.97	-4.81	93.25						Calibration
	8/02	0827	1		1	85.29	-4.82	195.13	31.88					Start air test
		0828	2		2	81.09	-4.82	181.52	88.27					
		0829	3		3	74.96	-4.82	219.12	125.87					1st run
		0830	4		4	62.16	-4.82	239.62	146.37					-pump @ 330 ft
		0831	5		5	39.85	-4.82	247.23	154.08					
	0832	6		6	31.97	-4.82	249.35	156.13				-engine @ 1100 rpm		
	0833	7		7	31.66	-4.82	250.10	156.85						
	0834	8		8	31.59	-4.82	250.27	157.02				-Sand starts to fly		
	0835	9		9	31.52	-4.82	250.42	157.18				c. 20%		
	0836	10		10	31.49	-4.82	250.50	157.25						
	0837	11		11	31.54	-4.82	250.38	157.12				-Water level near		
	0838	12		12	31.42	-4.82	250.64	157.27				at 210 ft		
	0839	13		13	31.48	-4.82	250.52	157.27				Small		
	0840	14		14	31.47	-4.82	250.55	157.22						
	0841	15		15	31.46	-4.82	250.57	157.22				Temp. at 210 ft		
	0842	16		16	31.50	-4.82	250.48	157.23				+ 6.5 F		
	0843	17		17	31.48	-4.82	250.52	157.21						
	0844	18		18	31.42	-4.82	250.60	157.21				Water gauge		
	0845	19		19	31.44	-4.82	250.58	157.20				Temp. @ 210 ft		
	0846	20		20	31.42	-4.82	250.57	157.21						
	0847	21		21	31.42	-4.82	250.58	157.21						
	0848	22		22	31.38	-4.82	250.70	157.21						
	0849	23		23	31.35	-4.82	250.85	157.22						
	0850	24		24	31.32	-4.82	250.90	157.21						
	0851	25		25	31.35	-4.82	250.80	157.21						
	0852	26		26	31.32	-4.82	250.85	157.21						
	0853	27		27	31.32	-4.82	250.85	157.21						
	0854	28		28	31.32	-4.82	250.85	157.21						
	0855	29		29	31.32	-4.82	250.85	157.21						
	0856	30		30	31.32	-4.82	250.85	157.21						

AQUIFER TEST DATA

WELL Tu-8-T-1
 PUMPING or OBSERVATION WELL

TYPE OF AQUIFER TEST Step Drawdown

HOW Q MEASURED Calibrated 5 gal bucket

HOW W.L.'s MEASURED Water level indicator

RAD./DIST. OF/FROM PUMPING WELL _____

MEAS. POINT FOR W.L.'s Top of casing

ELEVATION OF MEAS. POINT 0.92 ft above ground level

DEPTH OF PUMP/AIRPIPE 330 ft / 330 ft

PUMP ON: date 08/01/80 time 0727

PUMP OFF: date 08/02/80 time 1208

DURATION OF AQUIFER TEST 6 hrs 3 min

PAGE 2 OF 4

LOCATION 1000 ...
 PERSONNEL R. D. ...

PROJECT ...
 FV80 ...

TIME					WATER LEVEL DATA				DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0					STATIC WATER LEVEL <u>90.0 ft</u>				READING	Q		
DAY	CLOCK TIME	t	t'	t±	WATER LEVEL READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	(s) or s'				
8/1	0857	31		31	31.36	-4.82	250.80	157.55				
	0902	36		36	31.32	-4.82	250.90	157.65				
	0907	41		41	31.35	-4.82	250.83	157.58				
	0912	46		46	31.33	-4.82	250.87	157.62				
	0917	51		51	31.33	-4.82	250.87	157.62				
	0922	56		56	31.39	-4.82	250.73	157.48				
	0927	61		61	31.31	-4.82	250.93	157.69		33 1/2		Q = 33 1/2 gpm
	0937	91		91	31.44	-4.82	250.62	157.37				Q = 33 1/2 gpm
	1027	1	71	92	31.29	-4.82	250.91	157.72				Step # 2
	1027	2	71	93	31.97	-4.82	263.36	170.11				
	1039	3	71	94	32.79	-4.82	268.44	175.19				Pump @ 330 ft
	1030	4	71	95	33.17	-4.82	269.89	176.64				
	1031	5	71	96	33.52	-4.82	270.21	176.96				engine @ 1150 rpm
	1032	6	71	97	33.96	-4.82	270.38	177.13				
	1033	7	71	98	33.97	-4.82	270.35	177.10				Temp. = 65°F
	1034	8	71	99	33.93	-4.82	270.45	177.20				
	1035	9	71	100	33.93	-4.82	270.45	177.20				no sand yet
	1036	10	71	101	33.98	-4.82	270.33	177.08				
	1037	11	71	102	33.90	-4.82	270.53	177.27				discharge to top
	1038	12	71	103	33.96	-4.82	270.53	177.27				no discharge at
	1039	13	71	104	33.91	-4.82	270.49	177.24				discharge to place
	1040	14	71	105	33.88	-4.82	270.56	177.32				1
	1041	15	71	106	33.90	-4.82	270.53	177.27				
	1042	16	71	107	33.94	-4.82	270.43	177.17				
	1043	17	71	108	33.25	-4.82	270.40	177.15				
	1044	18	71	109	33.16	-4.82	270.61	177.31				
	1045	19	71	110	33.35	-4.82	270.63	177.23				
	1046	20	71	111	33.13	-4.82	270.70	177.45				
	1047	21	71	112	33.11	-4.82	270.73	177.48				
	1048	22	71	113	33.43	-4.82	270.97	177.62				
	1049	23	71	114	33.12	-4.82	270.97	177.69				
	1050	24	71	115	33.37	-4.82	270.85	177.57				
	1051	25	71	116	33.38	-4.82	270.80	177.55				
	1052	26	71	117	33.16	-4.82	270.84	177.29				
	1053	27	71	118	33.18	-4.82	270.80	177.35				
	1054	28	71	119	33.11	-4.82	270.83	177.30				
	1055	29	71	120	33.11	-4.82	270.71	177.21				
	1056	30	71	121	33.11	-4.82	270.71	177.21				
	1057	31	71	122	33.11	-4.82	270.71	177.21				
	1058	32	71	123	33.11	-4.82	270.71	177.21				
	1059	33	71	124	33.11	-4.82	270.71	177.21				
	1060	34	71	125	33.11	-4.82	270.71	177.21				
	1061	35	71	126	33.11	-4.82	270.71	177.21				
	1062	36	71	127	33.11	-4.82	270.71	177.21				
	1063	37	71	128	33.11	-4.82	270.71	177.21				
	1064	38	71	129	33.11	-4.82	270.71	177.21				
	1065	39	71	130	33.11	-4.82	270.71	177.21				
	1066	40	71	131	33.11	-4.82	270.71	177.21				
	1067	41	71	132	33.11	-4.82	270.71	177.21				
	1068	42	71	133	33.11	-4.82	270.71	177.21				
	1069	43	71	134	33.11	-4.82	270.71	177.21				
	1070	44	71	135	33.11	-4.82	270.71	177.21				
	1071	45	71	136	33.11	-4.82	270.71	177.21				
	1072	46	71	137	33.11	-4.82	270.71	177.21				
	1073	47	71	138	33.11	-4.82	270.71	177.21				
	1074	48	71	139	33.11	-4.82	270.71	177.21				
	1075	49	71	140	33.11	-4.82	270.71	177.21				
	1076	50	71	141	33.11	-4.82	270.71	177.21				
	1077	51	71	142	33.11	-4.82	270.71	177.21				
	1078	52	71	143	33.11	-4.82	270.71	177.21				
	1079	53	71	144	33.11	-4.82	270.71	177.21				
	1080	54	71	145	33.11	-4.82	270.71	177.21				
	1081	55	71	146	33.11	-4.82	270.71	177.21				
	1082	56	71	147	33.11	-4.82	270.71	177.21				
	1083	57	71	148	33.11	-4.82	270.71	177.21				
	1084	58	71	149	33.11	-4.82	270.71	177.21				
	1085	59	71	150	33.11	-4.82	270.71	177.21				
	1086	60	71	151	33.11	-4.82	270.71	177.21				
	1087	61	71	152	33.11	-4.82	270.71	177.21				
	1088	62	71	153	33.11	-4.82	270.71	177.21				
	1089	63	71	154	33.11	-4.82	270.71	177.21				
	1090	64	71	155	33.11	-4.82	270.71	177.21				
	1091	65	71	156	33.11	-4.82	270.71	177.21				
	1092	66	71	157	33.11	-4.82	270.71	177.21				
	1093	67	71	158	33.11	-4.82	270.71	177.21				
	1094	68	71	159	33.11	-4.82	270.71	177.21				
	1095	69	71	160	33.11	-4.82	270.71	177.21				
	1096	70	71	161	33.11	-4.82	270.71	177.21				
	1097	71	71	162	33.11	-4.82	270.71	177.21				
	1098	72	71	163	33.11	-4.82	270.71	177.21				
	1099	73	71	164	33.11	-4.82	270.71	177.21				
	1100	74	71	165	33.11	-4.82	270.71	177.21				
	1101	75	71	166	33.11	-4.82	270.71	177.21				
	1102	76	71	167	33.11	-4.82	270.71	177.21				
	1103	77	71	168	33.11	-4.82	270.71	177.21				
	1104	78	71	169	33.11	-4.82	270.71	177.21				
	1105	79	71	170	33.11	-4.82	270.71	177.21				
	1106	80	71	171	33.11	-4.82	270.71	177.21				
	1107	81	71	172	33.11	-4.82	270.71	177.21				
	1108	82	71	173	33.11	-4.82	270.71	177.21				
	1109	83	71	174	33.11	-4.82	270.71	177.21				
	1110	84	71	175	33.11	-4.82	270.71	177.21				
	1111	85	71	176	33.11	-4.82	270.71	177.21				
	1112	86	71	177	33.11	-4.82	270.71	177.21				
	1113	87	71	178	33.11	-4.82	270.71	177.21				
	1114	88	71	179	33.11	-4.82	270.71	177.21				
	1115	89	71	180	33.11	-4.82	270.71	177.21				
	1116	90	71	181	33.11	-4.82	270.71	177.21				
	1117	91	71	182	33.11	-4.82	270.71	177.21				
	1118	92	71	183	33.11	-4.82	270.71	177.21				
	1119	93	71	184	33.11	-4.82	270.71	177.21				
	1120	94	71	185	33.11	-4.82	270.71	177.21				
	1121	95	71	186	33.11	-4.82	270.71	177.21				
	1122	96	71	187	33.11	-4.82	270.71	177.21				
	1123	97	71	188	33.11	-4.82	270.71	177.21				
	1124	98	71	189	33.11	-4.82	270.71	177.21				
	1125	99	71	190	33.11	-4.82	270.71	177.21				
	1126	100	71	191	33.11	-4.82	270.71	177.21				
	1127	101	71	192	33.11	-4.82	270.71	177.21				
	1128	102	71	193	33.11	-4.82	270.71	177.21				
	1129	103	71	194	33.11	-4.82	270.71	177.21				
	1130	104	71	195	33.11	-4.82	270.71	177.21				
	1131	105	71	196	33.11	-4.82	270.71	177.21				
	1132	106	71	197	33.11	-4.82	270.71	177.21				
	1133	107	71	198	33.11	-4.82	270.71	177.21				
	1134	108										

AQUIFER TEST DATA

WELL Tu-S-T-1

(PUMPING) or OBSERVATION WELL

(PUMPING) or RECOVERY DATA

PAGE 3 OF 4

TYPE OF AQUIFER TEST Step drawdown

HOW Q MEASURED calibrated 5 gallon bucket

HOW W.L.'s MEASURED water level indicator / Smarttran DEPTH OF PUMP/AIRPIPE 320 ft / 330 ft

RAD./DIST. OF/FROM PUMPING WELL _____ PUMP ON: date 08/01/80 time 0827

MEAS. POINT FOR W.L.'s Tap at cut casing PUMP OFF: date 08/03/80 time 1208

ELEVATION OF MEAS. POINT 692 ft above ground level DURATION OF AQUIFER TEST 6 hrs 3 min

LOCATION 1460 Colburn Rd
PERSONNEL W. D. Jones

PROJECT 1460 Colburn Rd
79-075

TIME					WATER LEVEL DATA				DISCHARGE		RECORDED BY	COMMENTS
t = _____		at t' = 0			STATIC WATER LEVEL <u>90.0 ft</u>				READING	Q		
DAY	CLOCK TIME	t	t'	t _t	READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	s or s'				
8/1	1103	37	128	128	22.99	-4.83	270.31	177.06				
		42	133	133	22.93	-4.83	270.45	177.20				
		47	135	137	22.93	-4.83	270.45	177.20				
		52	143	143	22.96	-4.83	270.38	177.13				
		57	148	148	22.92	-4.83	270.94	177.69		37.5		Q = 37.59 gpm
		92	183	183	23.08	-4.83	270.10	176.85				Q = 37.59 gpm
8/2	1227	1	184	184	23.18	-4.85	269.86	176.61				Step #3
		2	185	185	23.20	-4.84	270.36	177.11				
		3	186	186	23.19	-4.84	269.84	176.59				pump @ 430 ft
		4	187	187	16.50	-4.84	285.42	192.18				
		5	188	187	12.03	-4.84	295.85	202.60				required 1200 gpm
		6	189	189	10.46	-4.84	299.51	206.26				
		7	190	190	9.87	-4.84	300.88	207.63				no sand
		8	191	191	9.63	-4.85	301.44	208.19				
		9	192	192	9.60	-4.84	301.51	208.26				decolor water
		10	193	193	9.67	-4.85	301.32	208.10				3 also - little
		11	194	194	9.65	-4.85	301.29	208.14				3 also - little
		12	195	195	9.80	-4.84	301.04	207.79				
		13	196	196	9.73	-4.85	301.31	207.96				
		14	197	197	9.62	-4.85	301.46	208.21				
		15	198	198	9.47	-4.85	301.95	208.70				
		16	199	199	9.28	-4.85	302.02	208.77				
		17	200	200	9.43	-4.85	301.93	208.65				
		18	201	201	9.54	-4.85	301.65	208.40				
		19	202	202	9.62	-4.85	301.46	208.21				
		20	203	203	9.57	-4.85	301.16	207.91				
		21	204	204	9.52	-4.85	301.25	208.00				
		22	205	205	9.52	-4.85	301.42	208.17				
		23	206	206	9.60	-4.85	301.51	208.26				
	24	207	207	9.30	-4.85	302.07	208.82					
	25	208	208	9.30	-4.85	301.70	208.45					
	26	209	209	9.60	-4.85	301.30	208.06					
	27	210	210	9.60	-4.85	301.20	208.05					
	28	211	211	9.70	-4.85	301.39	208.25					
	29	212	212	9.70	-4.85	301.39	208.25					
	30	213	213	9.70	-4.85	301.39	208.25					
	31	214	214	9.70	-4.85	301.39	208.25					
	32	215	215	9.70	-4.85	301.39	208.25					
	33	216	216	9.70	-4.85	301.39	208.25					
	34	217	217	9.70	-4.85	301.39	208.25					

AQUIFER TEST DATA

WELL Tu-8-T-1

(PUMPING or OBSERVATION WELL)

(PUMPING or RECOVERY DATA)

PAGE 1 OF 1

TYPE OF AQUIFER TEST Step Drawdown

HOW Q MEASURED Calculated 5 gallon Pumpout

HOW W.L.'s MEASURED W.L. Indicator/Sonotube

RAD./DIST. OF/FROM PUMPING WELL NA

MEAS. POINT FOR W.L.'s Top of last casing

ELEVATION OF MEAS. POINT 0.9 2.0 above ground level

DEPTH OF PUMP/AIRPIPE 330ft / 330ft

PUMP ON: date 08/01/80 time 08:27

PUMP OFF: date 07/03/80 time 12:08

DURATION OF AQUIFER TEST 6 hrs 3 min

LOCATION Tule Valley, CA
PERSONNEL R. White, D. D.

PROJECT Water Project
Fiscal 77-80

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0				STATIC WATER LEVEL <u>90.0ft</u>					READING	Q		
⊕	CLOCK TIME	t	t'	t _p	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	(s) or s'				
7/1	1305	39	225	224	9.45	-4.85	301.96	208.16				
	1310	44	230	229	9.80	-4.85	301.04	207.79				
	1315	49		234	9.99	-4.86	300.60	207.35				
	1320	54		239	9.63	-4.86	301.44	208.19				
	1325	59		243	9.94	-4.86	300.72	207.47		Q = 500 gpm		
	1330	64		248	9.74	-4.86	301.84	207.93				
	1335	69		253	9.65	-4.87	301.39	208.14				
	1407	101		285	9.92	-4.88	300.76	207.51				
	1408	100		306	9.89	-4.89	300.83	207.58				
	1427	1		307	7.03	-4.89	307.50	214.00		Step #4		
	1430	2		308	0.83	-4.89	301.95	208.70				
	1431	3		309	1.17	-4.89	301.15	207.90		Engine @ 1250		
	1433	4		310	1.77	-4.89	319.50	206.34				
	1439	5		311	0.95	-4.89	318.64	225.39				
	1440	6		310	1.05	-4.89	314.44	221.19				
	1441	7		313	0.50	-4.89	310.00	229.20				

AQUIFER TEST DATA

WELL TU-S-0-1

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 1 OF 4

TYPE OF AQUIFER TEST Step drawdown

HOW Q MEASURED NA

HOW W.L.'s MEASURED W. Indicator / Smartboard

RAD./DIST. OF/FROM PUMPING WELL 500ft

MEAS. POINT FOR W.L.'s Top of art. piezometer

ELEVATION OF MEAS. POINT 2.3 ft above ground level

DEPTH OF PUMP/AIRPIPE 330ft / 330ft

PUMP ON: date 08/01/80 time 0827

PUMP OFF: date 08/03/80 time 1808

DURATION OF AQUIFER TEST 6 hrs 3 min

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____		at t' = 0		STATIC WATER LEVEL <u>88.92 ft</u>					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	s or s'					
7/1	0807			79.63	-4.81	88.83	∅					Gauge Pressure
	0808			79.63	-4.81							Static = 99.59
	0809			79.63	-4.81							
	0810			79.63	-4.81							S' = 98.271
	0811			79.63	-4.82							
	0812			79.63	-4.81							transducer set @ 190ft below
	0813			79.63	-4.81							radiation gauge
	0814			79.63	-4.81							
	0815			79.63	-4.81							
	0816			79.63	-4.81							
	0826	0		79.63	-4.81	88.83	∅					Calibration
7/1	0827	1		79.63	-4.82	89.15	-0.325					start of test
	0828	2		79.63	-4.82	88.82	∅					
	0829	3		79.63	-4.82	88.82	∅					1st mile
	0830	4		79.63	-4.82	88.82	∅					
	0831	5		79.63	-4.82	88.82	∅					- pump @ 330ft
	0832	6		79.63	-4.82	88.82	∅					
	0833	7		79.63	-4.82	88.82	∅					- engine @ 1100rpm
	0834	8		79.62	-4.82	89.15	-0.325					
	0835	9		79.63	-4.82	88.82	∅					- Sand content < 0.25%
	0836	10		79.63	-4.82	88.82	∅					
	0837	11		79.63	-4.82	88.82	∅					
	0838	12		79.63	-4.82	88.82	∅					- water clear
	0839	13		79.63	-4.82	88.82	∅					discoloration
	0840	14		79.63	-4.82	88.82	∅					small
	0841	15		79.63	-4.82	89.15	-0.325					
	0842	16		79.63	-4.82	88.82	∅					Temp of water @ 100ft
	0843	17		79.63	-4.82	88.82	∅					water @ 100ft = 60°F
	0844	18		79.63	-4.82	88.82	∅					
	0845	19		79.63	-4.82	88.82	∅					
	0846	20		79.63	-4.82	88.82	∅					
	0847	21		79.63	-4.82	88.82	∅					
	0848	22		79.63	-4.82	88.82	∅					
	0849	23		79.63	-4.82	88.82	∅					
	0850	24		79.63	-4.82	88.82	∅					
	0851	25		79.63	-4.82	88.82	∅					
	0852	26		79.63	-4.82	88.82	∅					
	0853	27		79.63	-4.82	88.82	∅					
	0854	28		79.63	-4.82	88.82	∅					
	0855	29		79.63	-4.82	88.82	∅					
	0856	30		79.63	-4.82	88.82	∅					
	0857	31		79.63	-4.82	88.82	∅					
	0858	32		79.63	-4.82	88.82	∅					
	0859	33		79.63	-4.82	88.82	∅					
	0859	34		79.63	-4.82	88.82	∅					
	0859	35		79.63	-4.82	88.82	∅					
	0859	36		79.63	-4.82	88.82	∅					
	0859	37		79.63	-4.82	88.82	∅					
	0859	38		79.63	-4.82	88.82	∅					
	0859	39		79.63	-4.82	88.82	∅					
	0859	40		79.63	-4.82	88.82	∅					
	0859	41		79.63	-4.82	88.82	∅					
	0859	42		79.63	-4.82	88.82	∅					
	0859	43		79.63	-4.82	88.82	∅					
	0859	44		79.63	-4.82	88.82	∅					
	0859	45		79.63	-4.82	88.82	∅					
	0859	46		79.63	-4.82	88.82	∅					
	0859	47		79.63	-4.82	88.82	∅					
	0859	48		79.63	-4.82	88.82	∅					
	0859	49		79.63	-4.82	88.82	∅					
	0859	50		79.63	-4.82	88.82	∅					
	0859	51		79.63	-4.82	88.82	∅					
	0859	52		79.63	-4.82	88.82	∅					
	0859	53		79.63	-4.82	88.82	∅					
	0859	54		79.63	-4.82	88.82	∅					
	0859	55		79.63	-4.82	88.82	∅					
	0859	56		79.63	-4.82	88.82	∅					
	0859	57		79.63	-4.82	88.82	∅					
	0859	58		79.63	-4.82	88.82	∅					
	0859	59		79.63	-4.82	88.82	∅					
	0859	60		79.63	-4.82	88.82	∅					

LOCATION Tulsa, Oklahoma
PERSONNEL R. J. ...

PROJECT Edwards Formation

AQUIFER TEST DATA

WELL Tu-3-a-1

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 2 OF 4

TYPE OF AQUIFER TEST Steady draw

HOW Q MEASURED N/A

HOW W.L.'s MEASURED Water table / Piezometer

DEPTH OF PUMP/AIRPIPE 330ft / 330ft

RAD./DIST. OF/FROM PUMPING WELL 500ft

PUMP ON: date 08/01/80 time 0827

MEAS. POINT FOR W.L.'s Tap of art piezometer

PUMP OFF: date 08/03/80 time 1208

ELEVATION OF MEAS. POINT 2.3 ft above ground level

DURATION OF AQUIFER TEST 6 hrs 3 min

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL <u>88.92 ft</u>			READING	CONVERSIONS & CORRECTIONS	WATER LEVEL	(s or s')	READING	Q		
DAY	CLOCK TIME	t	t'									
8/01	0857	31			79.63	-4.82	88.83	0				
	0900	36			79.63	-4.82	88.83	0				
	0907	41			79.63	-4.82	88.83	0				
	0912	46			79.63	-4.82	88.83	0				
	0919	51			79.63	-4.82	88.83	0				
	0923	56			79.64	-4.82	88.87	0.65				
	0929	61			79.64	-4.82	88.87	0.65				
	0937	91			79.64	-4.82	88.87	0.65				
	1027	1			79.63	-4.82	88.83	0				Step #2
	1037	2			79.63	-4.82	88.83	0				
	1039	3			79.63	-4.82	88.83	0				pump @ 23ft
	1039	4			79.64	-4.82	88.87	0.65				
	1021	5			79.63	-4.82	88.83	0				engine @ 1150 rpm
	1032	6			79.63	-4.82	88.83	0				
	1033	7			79.63	-4.82	88.83	0				Temp = 65°F
	1034	8			79.63	-4.82	88.83	0				
	1035	9			79.63	-4.82	88.83	0				no sand 2%
	1036	10			79.63	-4.82	88.83	0				
	1037				79.63	-4.82	88.83	0				low water
	1038	2			79.63	-4.82	88.83	0				station by w/l
	1039	13			79.63	-4.82	88.83	0				Injection 100 gal
	1040	4			79.63	-4.82	88.83	0				
	1041	5			79.63	-4.82	88.83	0				
	1042	6			79.63	-4.82	88.83	0				
	1043	7			79.63	-4.82	88.83	0				
	1044	8			79.63	-4.82	88.83	0				
	1045	9			79.63	-4.82	88.83	0				
	1046	10			79.63	-4.82	88.83	0				
	1047	11			79.63	-4.82	88.83	0				
	1048	12			79.63	-4.82	88.83	0				
	1049	13			79.63	-4.82	88.83	0				
	1050	14			79.63	-4.82	88.83	0				
	1051	15			79.63	-4.82	88.83	0				
	1052	16			79.63	-4.82	88.83	0				
	1053	17			79.63	-4.82	88.83	0				
	1054	18			79.63	-4.82	88.83	0				
	1055	19			79.63	-4.82	88.83	0				
	1056	20			79.63	-4.82	88.83	0				
	1057	21			79.63	-4.82	88.83	0				
	1058	22			79.63	-4.82	88.83	0				
	1059	23			79.63	-4.82	88.83	0				
	1059	24			79.63	-4.82	88.83	0				
	1059	25			79.63	-4.82	88.83	0				
	1059	26			79.63	-4.82	88.83	0				
	1059	27			79.63	-4.82	88.83	0				
	1059	28			79.63	-4.82	88.83	0				
	1059	29			79.63	-4.82	88.83	0				
	1059	30			79.63	-4.82	88.83	0				

LOCATION 7.66 Valley, 20 ft
PERSONNEL R. G. D. F. H. B. G. H. K.

PROJECT Shallow Groundwater
Hydro 1-2-80

AQUIFER TEST DATA

WELL TU-9-0-1

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 3 OF 4

TYPE OF AQUIFER TEST Step Drawdown

HOW Q MEASURED NA

HOW W.L.'s MEASURED W/ Piezometer / Superhead

RAD./DIST. OF/FROM PUMPING WELL 500 ft

MEAS. POINT FOR W.L.'s Tap about piezometer

ELEVATION OF MEAS. POINT 12.3 ft above ground level

DEPTH OF PUMP/AIRPIPE 330 ft / 330 ft

PUMP ON: date 08/01/80 time 0827

PUMP OFF: date 08/03/80 time 1207

DURATION OF AQUIFER TEST 6 hrs 3 min

TIME				WATER LEVEL DATA				DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0				STATIC WATER LEVEL <u>88.92 ft</u>				READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS & CORRECTIONS	WATER LEVEL	s or s'				
8/1	1103	37		79.63	-4.83	88.83	∅				
	1107	42		79.62	-4.83	89.15	-0.325				
	1113	47		79.62	-4.83	89.15	-0.325				
	1118	52		79.62	-4.80	89.15	-0.325				
	1123	57		79.62	-4.83	89.15	-0.325				Q = 37.50 gpm
	1157	92		79.61	-4.83						Q = 37.50 gpm
	1207	1		79.60	-4.85	89.18	-0.260				Step #3
	1208	2		79.60	-4.84	89.18	-0.260				
	1209	3		79.61	-4.84	89.18	-0.260				pump @ 330 ft
	1210	4		79.60	-4.84	89.18	-0.260				
	1231	5		79.60	-4.84	89.18	-0.260				injection 1200 gpm
	1232	6		79.60	-4.84	89.18	-0.260				0
	1233	7		79.60	-4.84						discharge water
	1234	8		79.60	-4.84						is closed - little
	1235	9		79.60	-4.84						discharge water
	1236	10		79.60	-4.85						1
	1237	11		79.60	-4.85						
	1238	12		79.60	-4.84						
	1239	13		79.60	-4.85						
	1240	14		79.60	-4.85						
	1241	15		79.60	-4.85						
	1242	16		79.60	-4.85						
	1243	17		79.60	-4.85						
	1244	18		79.60	-4.85						
	1245	19		79.60	-4.85						
	1246	20		79.60	-4.85						
	1247	21		79.60	-4.85						
	1248	22		79.60	-4.85						
	1249	23		79.60	-4.85						
	1250	24		79.60	-4.85						
	1251	25		79.60	-4.85						
	1252	26		79.60	-4.85						
	1253	27		79.60	-4.85						
	1254	28		79.60	-4.85						
	1255	29		79.60	-4.85						
	1256	30		79.60	-4.85						
	1257	31		79.60	-4.85						
	1258	32		79.60	-4.85						
	1259	33		79.60	-4.85						
	1260	34		79.60	-4.85						
	1261	35		79.60	-4.85						
	1262	36		79.60	-4.85						
	1263	37		79.60	-4.85						
	1264	38		79.60	-4.85						
	1265	39		79.60	-4.85						
	1266	40		79.60	-4.85						
	1267	41		79.60	-4.85						
	1268	42		79.60	-4.85						
	1269	43		79.60	-4.85						
	1270	44		79.60	-4.85						
	1271	45		79.60	-4.85						
	1272	46		79.60	-4.85						
	1273	47		79.60	-4.85						
	1274	48		79.60	-4.85						
	1275	49		79.60	-4.85						
	1276	50		79.60	-4.85						
	1277	51		79.60	-4.85						
	1278	52		79.60	-4.85						
	1279	53		79.60	-4.85						
	1280	54		79.60	-4.85						
	1281	55		79.60	-4.85						
	1282	56		79.60	-4.85						
	1283	57		79.60	-4.85						
	1284	58		79.60	-4.85						
	1285	59		79.60	-4.85						
	1286	60		79.60	-4.85						

LOCATION 1000 ft from well
PERSONNEL 7/1/80

PROJECT 1000 ft from well
1000 ft from well

AQUIFER TEST DATA

WELL TU-3-0-1

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 4 OF 4

TYPE OF AQUIFER TEST Step Drawdown

HOW Q MEASURED NA

HOW W.L.'s MEASURED wt. Sedimeter / Secchi disk

RAD./DIST. OF/FROM PUMPING WELL 500 ft

MEAS. POINT FOR W.L.'s Top of cut sediment

ELEVATION OF MEAS. POINT 2.3 ft above ground level

DEPTH OF PUMP/AIRPIPE 330ft / 330ft

PUMP ON: date 08/01/80 time 0827

PUMP OFF: date 08/02/80 time 1208

DURATION OF AQUIFER TEST 6 hrs 3 min

LOCATION ...
PERSONNEL R. ...

PROJECT ...

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____		at t' = 0		STATIC WATER LEVEL <u>88.95 ft</u>					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	s or s'					
7/01	1305	33		79.59	-4.85							
	1310	44		79.59	-4.85							
	1315	49		79.59	-4.86							
	1320	54		79.59	-4.86							
	1330	59		79.59	-4.86						Q = 50 gpm	
	1335	64		79.59	-4.86							
	1355	69		79.58	-4.87							
	1407	101		79.58	-4.88							
	1427	122		79.56	-4.89							
	1457	1		79.56	-4.89						Step #4	
	1427	2		79.57	-4.89						Q = 230 ft	
	1431	3		79.57	-4.89						Q = 1250 ft	
	1432	4		79.56	-4.89							
	1433	5		79.56	-4.89						Q = 114	
	1434	6		79.56	-4.89							
	1435	7		79.56	-4.89						Top of cut sediment	

AQUIFER TEST DATA

WELL T-1
SR-S-T-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 1 OF
 DEPTH OF PUMP/AIRPIPE 450 feet
 PUMP ON: date 8/6/80 time 1900 hrs.
 PUMP OFF: date time
 DURATION OF AQUIFER TEST

TYPE OF AQUIFER TEST Constant Discharge Aquifer Test
 HOW Q MEASURED Bucket, 5 gallons
 HOW W.L.'s MEASURED Single Flotation/Pneum. Recorder
 RAD./DIST. OF/FROM PUMPING WELL
 MEAS. POINT FOR W.L.'s 461.81 ft below surface
 ELEVATION OF MEAS. POINT

LOCATION Tule Valley
 PERSONNEL T. Smith

PROJECT 79-290-43-621
BMO-MX

Pump started

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	S	READING	Q		
		t = <u>1900</u> at t' = 0		STATIC WATER LEVEL <u>93.80 ft.</u>								
W	1845			154.57	-5.32							
	1846			154.57	-5.32							
	1847			154.57	-5.32							
	1848			154.57	-5.32							
	1849			154.57	-5.32							
	1850			154.57	-5.32							
	1851			154.58	-5.32							
	1852			154.57	-5.32							
	1853			154.58	-5.32							
	1854			154.58	-5.32							
	1855			154.57	-5.32							
	1856			154.58	-5.32							
	1857			154.58	-5.32							
	1858			154.58	-5.32					368.01		
	1859			154.58	-5.32							
	1900	0		154.42	-5.32		.37	1.36	-1.72	.36		
	1901	1		116.24	-5.33		22.45	36.81	+1.72	88.51		
	1902	2		87.62	-5.32		154.47	152.96		154.68		Water cloudy
	1903	3		66.55	-5.32		203.08	201.63		203.35		
	1904	4		52.05	-5.32		236.53	235.12		236.84		
	1905	5		43.54	-5.32		256.17	254.78		256.50		
	1906	6		38.84	-5.33		267.07	265.62		267.34		
	1907	7		36.60	-5.33		272.78	271.79		272.51		
	1908	8		35.88	-5.32		273.89	272.48		274.20		
	1909	9		35.74	-5.32		274.16	272.80		274.52		
	1910	10		35.86	-5.32		273.89	272.51		274.24		
	1911	11		36.04	-5.32		273.47	272.11		273.83		
	1912	12		35.85	-5.33		273.91	272.52		274.24		
	1913	13		35.48	-5.33		274.05	272.38		275.10		
	1914	14		35.46	-5.33		274.09	273.49		275.21		
	1915	15		35.45	-5.32		274.17	273.47		275.19		
	1916	16		35.52	-5.33		273.45	273.22		275.01		
	1917	17		35.66	-5.33		273.62	272.96		274.68		
	1918	18		35.50	-5.33		274.00	273.33		275.05		
	1919	19		35.28	-5.33		275.53	273.89		276.56		
	1920	20		35.07	-5.33		276.02	274.33		276.05		
	1921	21		35.12	-5.33		275.91	274.58		276.00		
	1922	22		35.16	-5.33		274.5	274.5		275.84		
	1923	23		35.26	-5.32		273.91	273.91		275.63		
	1924	24		35.23	-5.32		273.98	273.98		275.70		
	1925	25		35.01	-5.33		274.46	274.46		276.18		

* 1.72 must be added to all 's' numbers as a correction. I used wrong static level.

AQUIFER TEST DATA

WELL TU 04-5-T-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 2 OF

TYPE OF AQUIFER TEST Constant Discharge
 HOW Q MEASURED 5 gal Bucket
 HOW W.L.'s MEASURED Simple Electric/Air Log Recorder
 RAD./DIST. OF/FROM PUMPING WELL
 MEAS. POINT FOR W.L.'s
 ELEVATION OF MEAS. POINT

PUMP ON: date 8/6/80 time 1900 hrs
 PUMP OFF: date time
 DURATION OF AQUIFER TEST

LOCATION
PERSONNEL

PROJECT

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = <u> </u> at t' = 0		STATIC WATER LEVEL			READING		CONVERSIONS		CORRECTIONS			
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS CORRECTIONS	WATER LEVEL	s or s'	<u>1.72</u>	READING	Q		
	1926	26		34.63	-5.33	275.34			277.66			
	1927	27		34.62	-5.33	275.43			277.15			
	1928	28		34.72	-5.32	275.13			276.85			
	1929	29		34.80	-5.32	274.97			276.69			
	1930	30		34.90	-5.33	274.72			276.44			
	1935	35		34.33	-5.32	276.06			277.78			
	1940	40		34.16	-5.32	276.45			278.17			
	1945	45		34.11	-5.32	276.57			278.26			
	1950	50		33.94	-5.32	276.96			278.68			
	1955	55		33.91	-5.32	278.18			279.90			
	2000	60		33.11	-5.32	278.88			280.60	50 gpm	water cloudy	
	2006	66		32.98	-5.32	279.18			280.96			
	2036	96		31.59	-5.31	282.41			284.13			
	2106	126		30.78	-5.31	284.28			286.00			
	2136	156		30.41	-5.31	285.14			286.86			
	2206	186		30.01	-5.29	286.11			287.83			
	2236	216		29.35	-5.29	287.63			289.35			
	2300	246		29.08	-5.28	288.28			290.00			
TH	0000	306		29.14	-5.28	288.14			289.86			
	0100	366		29.79	-5.28	286.64			288.36			
	0200	426		28.77	-5.28	288.99			290.71			
	0300	486		28.00	-5.27	290.80			292.52			
	0400	546		27.95	-5.26	290.93			292.65	50 gpm	water clear	
	0500	606		27.39	-5.25	292.25			293.97			
	0600	666		27.56	-5.25	291.86			293.58			
	0700	726		27.32	-5.24	292.44			294.16			
	0800	786		27.56	-5.22	291.93			293.65			
	0900	846		27.94	-5.21	291.07			292.79			
	1000	906		28.44	-5.21	289.92			291.64			
	1100	966		28.56	-5.21	289.64			291.36			
	1200	1026		29.02	-5.23	288.53			290.25	50 gpm	clear	
	1300	1086		29.17	-5.24	288.12			289.88			
	1400	1146		29.91	-5.26	286.41			288.13			
	1500	1206		30.28	-5.29	285.46			287.20			
	1600	1266		29.93	-5.30	285.27			287.99			
	1700	1326		29.67	-5.33	286.80			288.52			
	1800	1386		28.71	-5.34	288.89			290.21			
	1900	1446		28.82	-5.35	289.10			291.82			
	2000	1506		27.89	-5.35	290.87			292.59	50 gpm		
	2100	1566		27.68	-5.35	291.05			293.07			
	2200	1626		27.73	-5.33	291.40			293.12			

AQUIFER TEST DATA

WELL 24-S-T-1

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 3 OF

TYPE OF AQUIFER TEST _____

HOW Q MEASURED _____

HOW W.L.'s MEASURED _____

RAD./DIST. OF/FROM PUMPING WELL _____

MEAS. POINT FOR W.L.'s _____

ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____

PUMP ON: date _____ time _____

PUMP OFF: date _____ time _____

DURATION OF AQUIFER TEST _____

LOCATION
PERSONNEL

PROJECT

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL _____			READING	CONVERSIONS or CORRECTIONS	WATER LEVEL	s or s'	y 1.72	READ- ING		
DAY	CLOCK TIME	t	t'									
	2300	1686			27.59	-5.32	291.63			293.35		
F	0000	1746			27.37	-5.31	292.16			293.88		
	0100	1806			27.35	-5.30	292.23			293.95		
	0200	1866			27.14	-5.31	292.69			294.41		
	0300	1926			26.79	-5.31	293.50			295.24		
	0400	1986			26.58	-5.32	293.96			295.68		
	0500	2046			26.38	-5.32	294.42			296.14		
	0600	2106			26.75	-5.32	293.57			295.29		
	0700	2166			27.16	-5.31	292.64			294.36	50 gpm	
	0800	2226			27.14	-5.31	292.69			294.41		
	0900	2286			28.11	-5.31	290.45			292.17		
	1000	2346			28.60	-5.32	289.32			291.04		
	1100	2406			28.67	-5.32	289.13			290.85		
	1200	2466			28.84	-5.33	288.72			290.44	50 gpm	
	1300	2526			29.19	-5.34	287.89			289.61		
	1400	2586			29.22	-5.36	287.77			289.49		
	1500	2646			29.42	-5.38	287.26			288.98		
	1600	2706			28.70	-5.39	288.90			290.62		
	1700	2766			28.95	-5.41	288.78			290.00		
	1800	2826			29.24	-5.43	287.56			289.28		
	1900	2886			28.78	-5.43	288.64			290.36	50 gpm	
	2000	2946			28.83	-5.42	288.52			290.25		
	2100	3006			28.27	-5.41	287.85			291.57		machine tripped up barometric reading
	2200	3066			28.31	-5.40	287.78			291.50		remove tape
	2300	3126			28.25	-5.38	287.76			291.68		
S	0000	3186			27.44	-5.37	291.36			293.58		
	0100	3246			26.98	-5.37	292.92			294.64		
	0200	3306			27.51	-5.37	291.70			293.42		
	0300	3366			27.35	-5.37	292.07			293.79		
	0400	3426			26.14	-5.38	294.34			296.56		
	0500	3486			26.72	-5.37	293.52			295.24		
	0600	3546			26.42	-5.36	294.24			295.96	50 gpm	
	0700	3606			25.86	-5.35	297.32			297.27		
	0800	3666			26.84	-5.35	292.06			294.78		392.78' @ 2300
	0900	3726			28.05	-5.33	292.54			292.26		
	1000	3786			28.35	-5.33	289.32			291.57		
	1100	3846			28.41	-5.33	287.71			291.43		
	1200	3906			29.22	-5.39	287.32			289.54	50 gpm	
	1300	3966			29.32	-5.35	287.26			289.28		
	1400	4026			29.52	-5.35	287.03			288.75		
	1500	4086			29.44	-5.35	287.17			288.89		

AQUIFER TEST DATA

WELL _____
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE _____ OF _____

TYPE OF AQUIFER TEST _____
 HOW Q MEASURED _____
 HOW W.L.'s MEASURED _____
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s _____
 ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____
 PUMP ON: date _____ time _____
 PUMP OFF: date _____ time _____
 DURATION OF AQUIFER TEST _____

LOCATION PERSONNEL PROJECT

TIME					WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL _____			READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	* 1.72	READING	Q		
DAY	CLOCK TIME	t	t'	t/t'									
	2116	4462	91		127.05	-5.42	61.64	63.36					1/2 hr. readings
	2146	4492	121		130.01	-5.40	54.85	56.57					
	2216	4522	151		132.03	-5.39	50.21	51.93					
	2246	4552	181		133.53	-5.38	46.77	48.49					
	2316	4582	211		134.74	-5.37	44.00	45.72					
	2344	4612	241		135.75	-5.37	41.66	43.38					
5	0016	4642	271		136.61	-5.36	39.70	41.42					
	0045	4672	300		137.05	-5.34	38.04	39.76					
	0100	4686	315		137.70	-5.35	37.20	38.92					1 hr. readings
	0200	4746	375		138.93	-5.34	34.39	36.11					
	0300	4806	435		139.95	-5.34	32.03	33.75					
	0400	4866	495		140.84	-5.33	30.00	31.72					
	0500	4926	555		141.60	-5.33	28.24	29.96					
	0600	4986	615		142.28	-5.31	26.72	28.44					
	0700	5046	675		142.88	-5.30	25.35	27.07					
	0800	5106	735		143.41	-5.29	24.15	25.87					well sounded
	0900	5166	795		143.90	-5.29	23.02	24.74					118.8% @ 9:50
	1000	5226	855		144.34	-5.28	22.03	23.75					
	1100	5286	915		144.75	-5.28	21.08	22.80					
	1200	5346	975		145.12	-5.28	20.23	21.95					
	1300	5406	1035		145.45	-5.29	19.44	21.16					
	1400	5466	1095		145.76	-5.31	18.68	20.40					
	1500	5526	1155		146.06	-5.33	17.94	19.66					
	1600	5586	1215		146.33	-5.35	17.27	18.99					
	1700	5646	1275		146.60	-5.37	16.60	18.32					
	1800	5706	1335		146.84	-5.38	16.02	17.74					
	1900	5766	1395		147.08	-5.39	15.44	17.16					
	2000	5826	1455		147.31	-5.39	14.94	16.66					
	2100	5886	1515		147.54	-5.35	14.40	16.12					
	2200	5946	1575		147.76	-5.35	13.97	15.69					
	2300	6006	1635		147.97	-5.34	13.50	15.22					
13	0000	6066	1695		148.16	-5.33	13.09	14.81					
	0100	6126	1755		148.34	-5.33	12.67	14.39					
	0200	6186	1815		148.51	-5.33	12.28	14.00					
	0300	6246	1875		148.68	-5.33	11.89	13.61					
	0400	6306	1935		148.84	-5.33	11.52	13.24					
	0500	6366	1995		148.99	-5.34	11.15	12.87					
	0600	6426	2055		149.13	-5.34	10.77	12.54					
	0700	6486	2115		149.26	-5.35	10.40	12.22					well sounded at 7:30
	0800	6546	2175		149.40	-5.33	10.02	11.94					106.63
	0900	6606	2235		149.52	-5.33	9.75	11.67					
	1000	6666	2295		149.65	-5.32	9.67	11.39					END TEST

AQUIFER TEST DATA

WELL TU-30-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 1 OF

TYPE OF AQUIFER TEST Constant Discharge
 HOW Q MEASURED 5 gal Bucket
 HOW W.L.'s MEASURED Open Recovery
 RAD./DIST. OF/FROM PUMPING WELL 500 feet
 MEAS. POINT FOR W.L.'s 170 or below LSD
 ELEVATION OF MEAS. POINT

DEPTH OF PUMP/AIRPIPE
 PUMP ON: date 4/6/80 time 1900 hrs.
 PUMP OFF: date 8/19/80 time 1945 hrs.
 DURATION OF AQUIFER TEST

LOCATION
PERSONNEL

PROJECT

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t =		at t' = 0		STATIC WATER LEVEL					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'					
W	1845			79.25	-5.32		0					
	1846			79.24	-5.32		0					
	1847			79.24	-5.32							
	1848			79.25	-5.32							
	1849			79.24	-5.32							
	1850			79.25	-5.32							
	1851			79.25	-5.32							
	1852			79.24	-5.32							
	1853			79.24	-5.32							
	1854			79.24	-5.32							
	1855			79.24	-5.32							
	1856			79.24	-5.32							
	1857			79.25	-5.32							
	1858			79.24	-5.32							
	1859			79.25	-5.32							
	1900	0		79.25	-5.32		.01			Start Pumping		
	1901	1		79.24	-5.33		.01					
	1902	2		79.25	-5.32		.01					
	1903	3		79.25	-5.32		.01					
	1904	4		79.25	-5.32		.01					
	1905	5		79.25	-5.32		.01					
	1906	6		79.25	-5.33		.02					
	1907	7		79.24	-5.33		.01					
	1908	8		79.25	-5.32		.01					
	1909	9		79.25	-5.32		.01					
	1910	10		79.24	-5.32		.00					
	1911	11		79.25	-5.32		.01					
	1912	12		79.25	-5.33		.02					
	1913	13		79.25	-5.33		.02					
	1914	14		79.25	-5.33		.02					
	1915	15		79.25	-5.32		.02					
	1916	16		79.25	-5.33		.01					
	1917	17		79.25	-5.33		.01					
	1918	18		79.25	-5.33		.01					
	1919	19		79.25	-5.33		.02					
	1920	20		79.25	-5.33		.02					
	1921	21		79.25	-5.33		.02					
	1922	22		79.25	-5.33		.02					
	1923	23		79.25	-5.32		.01					
	1924	24		79.26	-5.32		.02					
	1925	25		79.25	-5.33		.01					

AQUIFER TEST DATA

WELL TL-50-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 2 OF

TYPE OF AQUIFER TEST Constant Discharge
 HOW Q MEASURED 5 gal. Bucket
 HOW W.L.'s MEASURED _____
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s _____
 ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____
 PUMP ON: date _____ time _____
 PUMP OFF: date _____ time _____
 DURATION OF AQUIFER TEST _____

LOCATION
PERSONNEL

PROJECT

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0				STATIC WATER LEVEL _____					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'					
W	1926	26		79.25	-5.33		.02					
	1927	27		79.25	-5.33		.02					
	1928	28		79.26	-5.32		.02					
	1929	29		79.24	-5.32		0.00					
	1930	30		79.25	-5.33		.02					
	1935	35		79.26	-5.32		.02					
	1940	40		79.26	-5.32		.02					
	1945	45		79.26	-5.32		.02					
	1950	50		79.26	-5.32		.02					
	1955	55		79.26	-5.32		.02					
	2000	60		79.26	-5.32		.01		50 gpm			
	2006	66		79.26	-5.32		.01					
	2036	96		79.26	-5.31		.01					
	2106	126		79.25	-5.31		0.00			Influence of Pumping first seen		
	2136	156		79.24	-5.31		-.02					
	2206	186		79.24	-5.29		-.04					
	2236	216		79.23	-5.29		-.05					
	2300	246		79.22	-5.28		-.07					
TH	0000	306		79.21	-5.28		-.09					
	0100	366		79.18	-5.28		-.12					
	0200	426		79.16	-5.28		-.15					
	0300	486		79.13	-5.27		.19					
	0400	546		79.11	-5.26		.23		50 gpm			
	0500	606		79.09	-5.25		.26					
	0600	666		79.06	-5.25		.30					
	0700	726		79.03	-5.24		.35					
	0800	786		79.01	-5.22		.39					
	0900	846		78.99	-5.21		.43					
	1000	906		78.94	-5.21		.49					
	1100	966		78.90	-5.21		.53					
	1200	1026		78.85	-5.23		.57		50 gpm			
	1300	1086		78.79	-5.24		.63					
	1400	1146		78.75	-5.26		.65					
	1500	1206		78.69	-5.29		.69					
	1600	1266		78.65	-5.30		.72					
	1700	1326		78.59	-5.33		.76					
	1800	1386		78.55	-5.34		.70					
	1900	1446		78.50	-5.35		.74					
	2000	1506		78.47	-5.35		.88		50 gpm			
	2100	1566		78.43	-5.35		.92					
	2200	1626		78.41	-5.33		.97					

AQUIFER TEST DATA

WELL TK-30-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE 3 OF

TYPE OF AQUIFER TEST _____
 HOW Q MEASURED _____
 HOW W.L.'s MEASURED _____
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s _____
 ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____
 PUMP ON: date _____ time _____
 PUMP OFF: date _____ time _____
 DURATION OF AQUIFER TEST _____

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL _____			READING	CONVERSIONS or CORRECTIONS	WATER LEVEL	s or s'	READING	Q		
DAY	CLOCK TIME	t	t'									
	2300	1686			78.39	-5.32		1.01				
F	0000	1746			78.37	-5.31		1.04				
	0100	1806			78.34	-5.30		1.09				
	0200	1866			78.31	-5.31		1.11				
	0300	1926			78.28	-5.31		1.15				
	0400	1986			78.25	-5.32		1.17				
	0500	2046			78.23	-5.32		1.19				
	0600	2106			78.19	-5.32		1.24				
	0700	2166			78.17	-5.31		1.28				
	0800	2226			78.15	-5.31		1.30			50 gpm	
	0900	2286			78.12	-5.31		1.34				
	1000	2346			78.04	-5.31		1.43				
	1100	2406			78.01	-5.32		1.45				
	1200	2466			77.96	-5.33		1.50			50 gpm	
	1300	2526			77.94	-5.34		1.51				
	1400	2586			77.91	-5.36		1.52				
	1500	2646			77.87	-5.38		1.55				
	1600	2706			77.83	-5.39		1.58				
	1700	2766			77.79	-5.41		1.61				
	1800	2826			77.73	-5.43		1.65				
	1900	2886			77.72	-5.43		1.66			50 gpm	
	2000	2946			77.66	-5.42		1.75				
	2100	3006			77.66	-5.41		1.76				machine tipped up causing low reading
	2200	3066			77.66	-5.40		1.77				
	2300	3126			77.66	-5.38		1.79				
S	0000	3186			77.66	-5.37		1.81				
	0100	3246			77.65	-5.37		1.82				
	0200	3306			77.63	-5.37		1.84				
	0300	3366			77.61	-5.37		1.87				
	0400	3426			77.60	-5.38		1.87				
	0500	3486			77.59	-5.37		1.88				
	0600	3546			77.59	-5.36		1.90				
	0700	3606			77.57	-5.35		1.94			50 gpm	
	0800	3666			77.57	-5.35		1.94				91.5 @ 8:30
	0900	3726			77.56	-5.33		1.97				
	1000	3786			77.55	-5.33		1.98				
	1100	3846			77.54	-5.33		1.99				
	1200	3906			77.52	-5.34		2.01			50 gpm	40 gpm
	1300	3966			77.48	-5.35		2.04				
	1400	4026			77.45	-5.38		2.03				
	1500	4086			77.41	-5.40		2.07				

LOCATION PERSONNEL

PROJECT

AQUIFER TEST DATA

WELL Tu-S-0-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE _____ OF _____

TYPE OF AQUIFER TEST _____
 HOW Q MEASURED _____
 HOW W.L.'s MEASURED _____
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s _____
 ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____
 PUMP ON: date _____ time _____
 PUMP OFF: date _____ time _____
 DURATION OF AQUIFER TEST _____

LOCATION
PERSONNEL

PROJECT

TIME					WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0					STATIC WATER LEVEL _____					READING	Q		
DAY	CLOCK TIME	t	t'	t/t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'					
	1600	4146			77.39	-5.41		2.08					
	1700	4206			77.33	-5.43		2.12					
	1800	4266			77.30	-5.45		2.14					
	1900	4326			77.26	-5.45		2.18					
	1945	4371	0		77.27	-5.45		2.17					
	1946	4372	1	4372	77.26	-5.45		2.17					
	1947	4373	2	2186	77.26	-5.45		2.17					
	1948	4374	3	1458	77.26	-5.45		2.17					
	1949	4375	4	1094	77.26	-5.45		2.17					
	1950	4376	5	875	77.27	-5.45		2.17					
	1951	4377	6	729	77.27	-5.45		2.17					
	1952	4378	7	625	77.27	-5.45		2.17					
	1953	4379	8	547	77.27	-5.45		2.17					
	1954	4380	9	486	77.26	-5.45		2.17					
	1955	4381	10	438	77.26	-5.45		2.17					
	1956	4382	11	398	77.26	-5.45		2.17					
	1957	4383	12	368	77.26	-5.45		2.17					
	1958	4384	13		77.26	-5.44		2.20					
	1959	4385	14		77.27	-5.45		2.17					
	2000	4386	15		77.27	-5.44		2.18					
	2001	4387	16		77.27	-5.44		2.18					
	2002	4388	17		77.27	-5.44		2.18					
	2003	4389	18		77.27	-5.44		2.18					
	2004	4390	19		77.28	-5.44		2.17					
	2005	4391	20		77.27	-5.44		2.18					
	2006	4392	21		77.26	-5.44		2.20					
	2007	4393	22		77.26	-5.43		2.21					
	2008	4394	23		77.26	-5.44		2.20					
	2009	4395	24		77.26	-5.44		2.20					
	2010	4396	25		77.26	-5.44		2.20					
	2011	4397	26		77.26	-5.44		2.20					
	2012	4398	27		77.26	-5.44		2.20					
	2013	4399	28		77.26	-5.44		2.20					
	2014	4400	29		77.26	-5.43		2.21					
	2015	4401	30		77.26	-5.44		2.20					
	2020	4406	35		77.26	-5.43		2.21					
	2025	4411	40		77.26	-5.43		2.21					
	2030	4416	45		77.27	-5.43		2.20					
	2035	4421	50		77.27	-5.43		2.20					
	2040	4426	55		77.27	-5.43		2.20					
	2045	4431	60	74	77.28	-5.43		2.18					

*well sound at
1850 - 96.64'
Pump off*

AQUIFER TEST DATA

WELL TU-50-1
 PUMPING or OBSERVATION WELL
 PUMPING or RECOVERY DATA
 PAGE _____ OF _____

TYPE OF AQUIFER TEST _____
 HOW Q MEASURED _____
 HOW W.L.'s MEASURED _____
 RAD./DIST. OF/FROM PUMPING WELL _____
 MEAS. POINT FOR W.L.'s _____
 ELEVATION OF MEAS. POINT _____

DEPTH OF PUMP/AIRPIPE _____
 PUMP ON: date _____ time _____
 PUMP OFF: date _____ time _____
 DURATION OF AQUIFER TEST _____

LOCATION PERSONNEL PROJECT

TIME					WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL _____			READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	s or s'	READ-ING	Q			
DAY	CLOCK TIME	t	t'	c/c'									
	2116	4462	91		77.32	-5.42		2.15					Recovery apparent
	2146	4492	121		77.39	-5.40		2.15					
	2216	4522	151		77.38	-5.39		2.11					
	2246	4552	181		77.43	-5.38		2.07					
	2316	4582	211		77.48	-5.37		2.02					
	2346	4612	241		77.47	-5.37		2.03					
Sec	0016	4642	271		77.53	-5.36		1.97					
	0045	4672	300		77.57	-5.34		1.95					
	0100	4686	315		77.58	-5.35		1.92					
	0200	4746	375		77.64	-5.34		1.87					
	0300	4806	435		77.70	-5.34		1.79					
	0400	4866	495		77.75	-5.33		1.75					
	0500	4926	555		77.80	-5.33		1.69					
	0600	4986	615		77.86	-5.31		1.64					
	0700	5046	675		77.91	-5.30		1.59					
	0800	5106	735		77.96	-5.29		1.55					
	0900	5166	795		77.99	-5.29		1.51					
	1000	5226	855		78.03	-5.28		1.48					
	1100	5286	915		78.06	-5.28		1.44					
	1200	5346	975		78.09	-5.28		1.41					
	1300	5406	1035		78.11	-5.29		1.37					
	1400	5466	1095		78.12	-5.31		1.34					
	1500	5526	1155		78.13	-5.33		1.30					
	1600	5586	1215		78.14	-5.35		1.26					
	1700	5646	1275		78.15	-5.37		1.23					
	1800	5706	1335		78.17	-5.38		1.19					
	1900	5766	1395		78.18	-5.39		1.17					
	2000	5826	1455		78.21	-5.38		1.15					
	2100	5886	1515		78.25	-5.38		1.10					
	2200	5946	1575		78.30	-5.35		1.08					
	2300	6006	1635		80.05	-5.34		+ .97					
A	0000	6066	1695	A	80.27	-5.33		+ 1.22					
	0100	6126	1755		79.21	-5.33		.03					
	0200	6186	1815		79.21	-5.33		.03					
	0300	6246	1875		79.22	-5.33		.02					
	0400	6306	1935		79.24	-5.33		.01					
	0500	6366	1995		79.39	-5.34		+ .20					
	0600	6426	2055		79.30	-5.34		+ .09					
	0700	6486	2115		79.27	-5.35		+ .07					
	0800	6546	2175		79.29	-5.33		+ .07					
	0900	6606	2235		79.30	-5.33		+ .03					
	6666	2295			79.31	-5.32		+ .03					

well sounded at 230 97.16