





# AQUIFER TEST DATA

WELL BZ-VI-13

PUMPING or OBSERVATION WELL

PUMPING or RECOVERY DATA

PAGE 3 OF 5

TYPE OF AQUIFER TEST Step Drawdown  
 HOW Q MEASURED Totalizer  
 HOW W.L.'s MEASURED Sine/Sounder  
 RAD./DIST. OF/FROM PUMPING WELL 0  
 MEAS. POINT FOR W.L.'s 5 ft above g.s.  
 ELEVATION OF MEAS. POINT 5310 ft

DEPTH OF PUMP/AIRPIPE 280 ft / 328.4 ft  
 PUMP ON: date 1/8/81 time 1435  
 PUMP OFF: date 1/8/81 time 2130  
 DURATION OF AQUIFER TEST 7 hours

LOCATION Beryl, Utah  
 PERSONNEL R. W. Durbowak

PROJECT M/Water Resources  
Valley Hill Drilling - Pump Test

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____		at t' = 0		STATIC WATER LEVEL <u>185.9</u>					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	142.5				
	1730	174		53.10	-4.35	194.69	8.79					
	1731	175		53.40	-4.34	194.53	8.63					
	1732	176		53.11	-4.35	195.36	9.46					
	1733	177		52.81	-4.33	196.09	10.19					
	1734	178		52.65	-4.33	196.46	10.56					
	1735	179		52.38	-4.33	197.09	11.19					
	1736	180		52.36	-4.33	197.12	11.23					
	1737	181		52.28	-4.33	197.32	11.42					
	1738	182		52.27	-4.33	197.34	11.44					
	1739	183		52.22	-4.34	197.43	11.53					
	1740	184		52.23	-4.34	197.41	11.51					
	1741	185		52.21	-4.36	197.41	11.51					
	1742	186		52.20	-4.33	197.59	11.69					
	1743	187		52.20	-4.34	197.48	11.58					
	1744	188		52.17	-4.34	197.55	11.65					
	1745	189		52.15	-4.34	197.59	11.69					
	1746	190		52.13	-4.34	197.64	11.74	190.76				
	1747	191		52.11	-4.34	197.69	11.79					
	1748	192		52.12	-4.34	197.65	11.76					
	1749	193		52.13	-4.33	197.16	11.76					
	1750	194		52.07	-4.33	197.5	11.97					
	1751	195		52.07	-4.33	197.5	11.97	130.6				
	1752	196		52.08	-4.34	197.36	11.86					
	1753	197		52.07	-4.34	197.35	11.85					
	1754	198		52.08	-4.34	197.36	11.86					
	1755	199		52.05	-4.33	197.85	11.95					
	1807	211		51.94	-4.33	198.10	12.20					
	1812	216		51.98	-4.32	198.5	12.5	130.5				
	1817	221		51.88	-4.35	198.7	12.87					
	1822	226		51.83	-4.34	198.53	12.43					
	1827	231		51.78	-4.37	198.35	12.45					
	1832	236		51.74	-4.35	198.52	12.62					
	1849	253		51.67	-4.33	198.62	12.52					
	1912	276		51.40	-4.34	199.32	13.52					
	1927	291		51.25	-4.34	199.27	13.27					
	1938	292		51.24	-4.34							
	1950	293		51.25	-4.34	199.25	13.27					

3<sup>rd</sup> Step  
 $Q = 500$  gpm  
 6750  
 rpm = 1900 rpm  
 - to high for  
 engine, suggest  
 lower  $Q$  for  
 constant  $Q$   
 198 WL  
 $T = 220^{\circ}C$   
 No odor  
 No sand/clay  
 EC = 418  $\mu$ ohm/cm  
 pH = 6.1

# AQUIFER TEST DATA

WELL BL-VF-T3

TYPE OF AQUIFER TEST Step Drawdown  
 HOW Q MEASURED Toddler  
 HOW W.L.'s MEASURED Senco / Sounder  
 RAD./DIST. OF/FROM PUMPING WELL 0  
 MEAS. POINT FOR W.L.'s 5 ft above g. s.  
 ELEVATION OF MEAS. POINT 5310 ft

PUMPING or OBSERVATION WELL  
 PUMPING or RECOVERY DATA  
 PAGE 4 OF 5  
 DEPTH OF PUMP/AIRPIPE 286 ft / 328.4 ft  
 PUMP ON: date 11/8/81 time 1435  
 PUMP OFF: date 11/8/81 time 2130  
 DURATION OF AQUIFER TEST 7 hours

LOCATION Beryl Utah  
 PERSONNEL R Whitworth

PROJECT MX Water Resources  
Valley Full Dilling - Pump Test

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	READING	Q			
						STATIC WATER LEVEL <u>185.9</u>						
	1928	294		50.1	-4.35	202.3	16.40					4th step Q = 775 2100 rpm limited acc.
	1931	298		50.18	-4.35	202.18	16.22					
	1932	301		49.99	-4.34	202.58	16.68					
	1933	302		50.00	-4.35	202.52	16.63					
	1934	303		49.98	-4.34	202.55	16.55					
	1935	304		50.14	-4.34	202.23	16.43					
	1936	305		50.04	-4.34	202.46	16.56					
	1937	307		49.93	-4.34	202.72	16.82					
	1938	308		50.01	-4.35	202.51	16.61					
	1939	309		49.95	-4.34	202.87	16.77					
	1940	309		49.89	-4.35	202.75	16.68					
	1941	309		49.93	-4.35	202.69	16.79					
	1942	309		49.89	-4.35	202.75	16.78					
	1943	309		49.70	-4.35	203.01	17.14					
	1944	310		No recording								
	1945	309		no recording								
	1946	310		49.64	-4.34	203.38	17.55					
	1947	311		49.72	-4.36	203.15	17.25					
	1948	312		49.67	-4.35	203.29	17.39					
	1949	312		49.65	-4.34	203.35	17.40					
	1950	314		49.64	-4.36	203.34	17.44					
	1951	315		49.60	-4.35	203.45	17.55					
	1952	316		49.61	-4.36	203.41	17.51					
	1953	317		49.53	-4.36	203.53	17.64					
	1954	318		49.44	-4.35	203.80	17.82					
	1955	319		49.45	-4.35	203.72	17.80					
	1956	320	49.7	49.47	-4.35	203.59	17.69					
	1957	321		49.38	-4.36	203.90	18.00					
	1958	322		49.40	-4.36	203.89	17.99					
	1959	323		49.30	-4.35	203.95	18.00					
	2000	324		49.38	-4.35	203.90	18.00					
	2005	327		49.21	-4.35	204.35	18.45					
	2010	329		49.15	-4.34	204.66	18.70					
	2015	332		49.00	-4.35	205.15	18.94					
	2020	340		48.86	-4.35	205.72	19.30					
	2025	349		48.89	-4.35	205.71	19.30					
	2030	354		48.81	-4.34	205.69	19.30					
	2035	357		48.67	-4.35	206.15	19.60					
	2052	378		48.55	-4.34	206.72	19.90					
	2104	393		48.26	-4.35	207.55	20.25					
	2124	408		48.24	-4.34	207.55	20.25					

Temp = 72°C  
 water pressure  
 EC = 420 µmho/cm  
 pH = 6.1

Total Q = 10 -



# AQUIFER TEST DATA

WELL BL-VF-T3

TYPE OF AQUIFER TEST Constant Q

PUMPING or OBSERVATION WELL

HOW Q MEASURED Totalizer

PUMPING or RECOVERY DATA

HOW W.L.'s MEASURED Surco / Southeast Sound

PAGE 1 OF 9

RAD./DIST. OF/FROM PUMPING WELL 0

DEPTH OF PUMP/AIRPIPE 280ft / 328.4ft

MEAS. POINT FOR W.L.'s .5 ft above L.S.

PUMP ON: date 1/9/80 time 1705

ELEVATION OF MEAS. POINT 5210

PUMP OFF: date 1/9/81 time 1700

DURATION OF AQUIFER TEST 10 days

LOCATION Beryl Utah  
PERSONNEL R. W. Hutchins

PROJECT M. Water Resources  
Valley Hill Pump Test

TIME				57.19 WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0				-4.31 STATIC WATER LEVEL <u>185.45 ft</u>								
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	READING	Q			
	1700			57.16	-4.35		0.02	Static		Receding WL=185.4		
	1704			54.33	-4.36	191.95	6.5	6.54				
	1705			54.61	-4.35	191.33	5.88		1000	Q=600 gpm		
	1705	1		5400	-4.36	192.82	4.37			1850 gpm		
	1706	2		5370	-4.36	193.41	4.96	7.99				
	1707	3		5346	-4.36	193.96	5.51			S.G.P.=6171		
	1708	4		5323	-4.36	194.49	6.04					
	1709	5		5325	-4.37	194.10	6.97					
	1710	6		5320	-4.36	194.56	7.11					
	1711	7		5321	-4.35	194.56	7.11					
	1712	8		5324	-4.37	194.52	7.07					
	1713	9		5317	-4.35	194.15	7.20					
	1714	10		5317	-4.37	194.61	7.16					
	1715	11		5320	-4.35	194.59	7.14					
	1716	12		5316	-4.35	194.55	7.23					
	1717	13		5316	-4.35	194.55	7.23					
	1718	14		5315	-4.35	194.70	7.25					
	1719	15		5313	-4.36	194.72	7.27					
	1720	16		5313	-4.36	194.82	7.37					
	1721	17		5300	-4.35	195.05	7.67					
	1722	18		5306	-4.35	194.91	7.46					
	1723	19		5309	-4.35	194.54	7.39					
	1724	20		5307	-4.35	194.89	7.44					
	1725	21		5307	-4.36	194.96	7.47					
	1726	22		5308	-4.35	194.56	7.41					
	27	23		5305	-4.36	194.91	7.46					
	28	24		5309	-4.37	194.49	7.24					
	29	25		5309	-4.35	194.54	7.39					
	30	26		5305	-4.35	194.93	7.48					
	31	27		5304	-4.35	194.91	7.47					
	32	28		5305	-4.35	194.92	7.48					
	33	29		5307	-4.34	194.91	7.46					
	34	30		5301	-4.35	195.26	7.54					
	35	31		5305	-4.36	194.91	7.46					
	40			5298	-4.35	195.27	7.64	0.67		WL/95 ft		
	45			5295	-4.35	195.16	7.51			Temp=23°C		
	50			5299	-4.35	195.14	7.50			No odor/clear		
	55			5295	-4.35	195.16	7.51			no sand		
	1800			5295	-4.35	195.16	7.51			EC=420 µmho		
	05			5295	-4.35	195.16	7.51			pH=6.0		
	1822	T		5291	-4.34	195.18	7.52					

# AQUIFER TEST DATA

WELL BL-VF-T3

TYPE OF AQUIFER TEST Constant Q

PUMPING or OBSERVATION WELL

HOW Q MEASURED Totalizer

PUMPING or RECOVERY DATA

HOW W.L.'s MEASURED Sealed / Soil Test Sounder

PAGE 2 OF 9

RAD./DIST. OF/FROM PUMPING WELL 0

DEPTH OF PUMP/AIRPIPE 280 ft / 328.4 ft

MEAS. POINT FOR W.L.'s 5 ft above g.S.

PUMP ON: date 1/9/80 time 1705

ELEVATION OF MEAS. POINT 5310 ft

PUMP OFF: date 1/9/81 time 1700

DURATION OF AQUIFER TEST 10 days

LOCATION Beryl Well  
PERSONNEL R. W. Dwork

PROJECT M. Huber Resources  
Valley Full Pump Test

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t =		at t' = 0		STATIC WATER LEVEL <u>185.45 ft</u>					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'					
	1837	93		52.84	-4.35	195.42	9.97					
	1852	108		52.86	-4.36	195.35	9.90					
	1907	123		52.87	-4.36	195.44	9.99					
	2000	176		52.89	-4.38	195.23	9.78					
	2100	236		52.80	-4.38	195.35	9.99					
	2200	296		52.75	-4.37	195.58	10.12					
	2300	356		52.65	-4.38	195.72	10.27					
	0000	416		52.65	-4.38	195.76	10.27					
	0100	476		52.70	-4.41	195.60	10.15					
	0200	536		52.65	-4.38	195.81	10.36					
	0300	596		52.65	-4.40	195.65	10.20					
	0400	656		52.65	-4.40	195.65	10.20					
	0500	716		52.65	-4.40	195.65	10.20					
	0600	776		52.57	-4.39	196.42	10.49					
	0700	836		52.57	-4.40	195.92	10.47					
	0800	896		52.55	-4.38	196.11	10.66	600			196.2 ft	
	0900	956		52.55	-4.38	196.09	10.64					
	1000	1016		52.50	-4.37	196.06	10.57					
	1100	1076		52.51	-4.40	195.99	10.54					
	1200	1136		52.54	-4.38	195.97	10.52					
	1300	1196		52.55	-4.37	196.06	10.51					
	1400	1256		52.57	-4.39	195.97	10.52					
	1500	1316		52.58	-4.40	196.61	10.68	600			195.6 ft	
	1600	1376		52.57	-4.39	196.15	10.73	600			195.98 ft	
	1700	1436		52.57	-4.40	196.15	10.70					
	1800	1496		52.57	-4.40	196.15	10.73					
	1900	1556		52.54	-4.40	196.12	10.68					
	2000	1616		52.40	-4.40	196.22	10.77	600			196.1 ft	
	2100	1676		52.39	-4.40	195.99	10.59					
	2200	1736		52.39	-4.40	196.09	10.69					
	2300	1796		52.39	-4.40	196.09	10.69					
	0000	1856		52.39	-4.40	196.09	10.69					
	0100	1916		52.39	-4.40	196.09	10.69					
	0200	1976		52.39	-4.40	196.09	10.69					
	0300	2036		52.39	-4.40	196.09	10.69					
	0400	2096		52.39	-4.40	196.09	10.69					
	0500	2156		52.39	-4.40	196.09	10.69					
	0600	2216		52.39	-4.40	196.09	10.69					
	0700	2276		52.39	-4.40	196.09	10.69					
	0800	2336		52.39	-4.40	196.09	10.69					
	0900	2396		52.39	-4.40	196.09	10.69					
	1000	2456		52.39	-4.40	196.09	10.69					
	1100	2516		52.39	-4.40	196.09	10.69					
	1200	2576		52.39	-4.40	196.09	10.69					
	1300	2636		52.39	-4.40	196.09	10.69					
	1400	2696		52.39	-4.40	196.09	10.69					
	1500	2756		52.39	-4.40	196.09	10.69					
	1600	2816		52.39	-4.40	196.09	10.69					
	1700	2876		52.39	-4.40	196.09	10.69					
	1800	2936		52.39	-4.40	196.09	10.69					
	1900	2996		52.39	-4.40	196.09	10.69					
	2000	3056		52.39	-4.40	196.09	10.69					
	2100	3116		52.39	-4.40	196.09	10.69					
	2200	3176		52.39	-4.40	196.09	10.69					
	2300	3236		52.39	-4.40	196.09	10.69					
	0000	3296		52.39	-4.40	196.09	10.69					
	0100	3356		52.39	-4.40	196.09	10.69					
	0200	3416		52.39	-4.40	196.09	10.69					
	0300	3476		52.39	-4.40	196.09	10.69					
	0400	3536		52.39	-4.40	196.09	10.69					
	0500	3596		52.39	-4.40	196.09	10.69					
	0600	3656		52.39	-4.40	196.09	10.69					
	0700	3716		52.39	-4.40	196.09	10.69					
	0800	3776		52.39	-4.40	196.09	10.69					
	0900	3836		52.39	-4.40	196.09	10.69					
	1000	3896		52.39	-4.40	196.09	10.69					
	1100	3956		52.39	-4.40	196.09	10.69					
	1200	4016		52.39	-4.40	196.09	10.69					
	1300	4076		52.39	-4.40	196.09	10.69					
	1400	4136		52.39	-4.40	196.09	10.69					
	1500	4196		52.39	-4.40	196.09	10.69					
	1600	4256		52.39	-4.40	196.09	10.69					
	1700	4316		52.39	-4.40	196.09	10.69					
	1800	4376		52.39	-4.40	196.09	10.69					
	1900	4436		52.39	-4.40	196.09	10.69					
	2000	4496		52.39	-4.40	196.09	10.69					
	2100	4556		52.39	-4.40	196.09	10.69					
	2200	4616		52.39	-4.40	196.09	10.69					
	2300	4676		52.39	-4.40	196.09	10.69					
	0000	4736		52.39	-4.40	196.09	10.69					
	0100	4796		52.39	-4.40	196.09	10.69					
	0200	4856		52.39	-4.40	196.09	10.69					
	0300	4916		52.39	-4.40	196.09	10.69					
	0400	4976		52.39	-4.40	196.09	10.69					
	0500	5036		52.39	-4.40	196.09	10.69					
	0600	5096		52.39	-4.40	196.09	10.69					
	0700	5156		52.39	-4.40	196.09	10.69					
	0800	5216		52.39	-4.40	196.09	10.69					
	0900	5276		52.39	-4.40	196.09	10.69					
	1000	5336		52.39	-4.40	196.09	10.69					
	1100	5396		52.39	-4.40	196.09	10.69					
	1200	5456		52.39	-4.40	196.09	10.69					
	1300	5516		52.39	-4.40	196.09	10.69					
	1400	5576		52.39	-4.40	196.09	10.69					
	1500	5636		52.39	-4.40	196.09	10.69					
	1600	5696		52.39	-4.40	196.09	10.69					
	1700	5756		52.39	-4.40	196.09	10.69					
	1800	5816		52.39	-4.40	196.09	10.69					
	1900	5876		52.39	-4.40	196.09	10.69					
	2000	5936		52.39	-4.40	196.09	10.69					
	2100	5996		52.39	-4.40	196.09	10.69					
	2200	6056		52.39	-4.40	196.09	10.69					
	2300	6116		52.39	-4.40	196.09	10.69					
	0000	6176		52.39	-4.40	196.09	10.69					
	0100	6236		52.39	-4.40	196.09	10.69					
	0200	6296		52.39	-4.40	196.09	10.69					
	0300	6356		52.39	-4.40	196.09	10.69					
	0400	6416		52.39	-4.40	196.09	10.69					
	0500	6476		52.39	-4.40	196.09	10.69					
	0600	6536		52.39	-4.40	196.09	10.69					
	0700	6596		52.39	-4.40	196.09	10.69					
	0800	6656		52.39	-4.40	196.09	10.69					
	0900	6716		52.39	-4.40	196.09	10.69					
	1000	6776		52.39	-4.40	196.09	10.69					
	1100	6836		52.39	-4.40	196.09	10.69					
	1200	6896		52.39	-4.40	196.09	10.69					
	1300	6956		52.39	-4.40	196.09	10.69					
	1400	7016		52.39	-4.40	196.09	10.69					
	1500	7076		52.39	-4.40	196.09	10.69					
	1600	7136		52.39	-4.40	196.09	10.69					
	1700	7196		52.39	-4.40	196.09	10.69					
	1800	7256		52.39	-4.40	196.09	10.69					
	1900	7316		52.39	-4.40	196.09	10.69					
	2000	7376		52.39	-4.40	196.09	10.69					
	2100	7436		52.39	-4.40	196.09	10.69					
	2200	7496		52.39	-4.40	196.09	10.69					
	2300	7556		52.39	-4.40	196.09	10.69					
	0000	7616		52.39	-4.40</							

# AQUIFER TEST DATA

WELL B1-VF-T3  
~~PUMPING~~ or OBSERVATION WELL  
~~PUMPING~~ or RECOVERY DATA  
 PAGE 3 OF 9  
 DEPTH OF PUMP/AIRPIPE 270 / 328.4  
 PUMP ON: date 1/19/81 time 1705  
 PUMP OFF: date 1/19/81 time 1700  
 DURATION OF AQUIFER TEST 100 exp

TYPE OF AQUIFER TEST Constant Q  
 HOW Q MEASURED Totalizer  
 HOW W.L.'s MEASURED Survey of Salted Sand  
 RAD./DIST. OF/FROM PUMPING WELL 8  
 MEAS. POINT FOR W.L.'s 5 ft. below g.s.  
 ELEVATION OF MEAS. POINT 5310 ft

LOCATION Beryl Utah  
 PERSONNEL R.W. Deacon

PROJECT MX Water Resources  
Valley Fill Pump Test

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t =		at t' = 0		STATIC WATER LEVEL <u>185.95</u>					READING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'					
	1000	2456		52.18	-4.35	196.18	10.73					
	1100	2516		52.46	-4.35	196.22	10.77					
	1200	2576		52.49	-4.40	196.11	10.66					
	1300	2636		52.27	-4.40	196.29	10.94					
	1400	2696		52.41	-4.41	196.27	10.82			(D) = 195.98		
	1500	2756		52.41	-4.39	196.22	10.87					
	1600	2816		52.28	-4.39	196.39	10.94					
	1700	2876	28876	52.39	-4.42	196.34	10.89					
	1800	2936		52.28	-4.41	196.84	10.89					
	1900	2996		52.46	-4.41	196.16	10.70	600		196.24 +		
	2000	3056		52.42	-4.41	196.25	10.80			2000 data		
	2100	3116		52.40	-4.40	196.39	10.84			Temp = 24		
	2200	3176		52.40	-4.40	196.27	10.82			2200 data		
	2300	3236		52.40	-4.42	196.27	10.82			2300 data		
1/19	0000	3296		51.88	-4.41	197.49	12.04			CC = 419		
	0100	3356		51.90	-4.42	197.40	11.97			pt = 6.1		
	0200	3416		51.71	-4.40	197.86	12.41			2400 data		
	0300	3476		51.62	-4.42	197.89	12.44			107		
	0400	3536		51.53	-4.45	198.21	12.76					
	0500	3596		51.56	-4.45	198.14	12.69					
	0600	3656		51.48	-4.46	198.30	12.85					
	0700	3716		51.55	-4.45	198.16	12.71	1000		Temp 22.50		
	0800	3776		51.55	-4.40	198.28	12.83			pH = 6.0		
	0900	3836		51.55	-4.40	198.28	12.83			SA = 4.54 m		
	1000	3896		51.44	-4.45	198.42	12.97			SAU = 104.26		
	1100	3956		51.46	-4.45	198.27	12.90			(D) = 198.24		
	1200	4016		51.43	-4.47	198.25	12.90	1000		(D) = 198.24		
	1300	4076		51.38	-4.47	198.46	12.01	500		Temp = 23.5		
	1400	4136		51.40	-4.51	198.27	12.92			pH = 5.0 / EC = 42		
	1500	4196		51.34	-4.55	198.48	12.93			CAK = 100.0		
	1600	4256		51.35	-4.50	198.51	13.06			WT = 198.24		
	1700	4316	4324	51.35	-4.50	198.51	13.06	1000		Temp = 23.2		
	1800	4376		51.37	-4.50	198.46	12.91			Temp = 23.2		
	1900	4436		51.31	-4.50	198.45	12.93			Temp = 23.2		
	2000	4496		51.31	-4.50	198.39	12.94			Temp = 23.2		
	2100	4556		51.29	-4.55	198.30	12.85			Temp = 23.2		
	2200	4616		51.25	-4.55	198.33	12.93			Temp = 23.2		
	2300	4676		51.28	-4.55	198.35	12.93			Temp = 23.2		
	0000	4736		51.28	-4.55	198.35	12.93			Temp = 23.2		
	0100	4796		51.28	-4.55	198.35	12.93			Temp = 23.2		
	0200	4856		51.28	-4.55	198.35	12.93			Temp = 23.2		
	0300	4916		51.28	-4.55	198.35	12.93			Temp = 23.2		
	0400	4976		51.28	-4.55	198.35	12.93			Temp = 23.2		



# AQUIFER TEST DATA

WELL 1111  
 PUMPING or OBSERVATION WELL  
 PUMPING or RECOVERY DATA

TYPE OF AQUIFER TEST Constant Rate  
 HOW Q MEASURED Total Pump  
 HOW W.L.'s MEASURED Static / 12 ft. from well  
 RAD./DIST. OF/FROM PUMPING WELL NA  
 MEAS. POINT FOR W.L.'s 1.5 ft above g.s.  
 ELEVATION OF MEAS. POINT 5310 ft

PAGE 4 OF 9  
 DEPTH OF PUMP/AIRPIPE 280 / 358.4  
 PUMP ON: date 1/9/81 time 1705  
 PUMP OFF: date 1/9/81 time 1700  
 DURATION OF AQUIFER TEST 10 min

LOCATION Franklin  
 PERSONNEL ...

PROJECT ...

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
DAY	CLOCK TIME	t	at t'=0	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or s'	well dist	READING	Q		
	0300	4016		51.27	-4.51	198.58	13.13					
	1200	4016		51.28	-4.53	198.55	13.10					
	1500	5136		51.23	-4.56	198.62	13.20					
	1600	5136		51.22	-4.54	198.70	13.27					
	1700	5136		51.21	-4.55	198.69	13.27					
	1800	5216		51.27	-4.55	198.58	13.13		1.00			10.1 198.71
	1900	5276		51.18	-4.57	198.74	13.27					10.1 22.59
	2000	5236		51.26	-4.46	198.72	13.27					10.1 16.2
	2100	5396		51.26	-4.56	198.48	12.03					10.1 11.11
	2200	5456		51.27	-4.56	198.48	12.03					10.1 10.26
	2300	5516		51.30	-4.57	198.42	12.97					
	2400	5576		51.30	-4.57	198.55	13.10					
	2500	5636		51.24	-4.57	198.62	13.15		1.00			10.1 10.87
	2600	5696		51.22	-4.57	198.65	13.20					10.1 22.59
	2700	5756	42	51.25	-4.57	198.69	13.24					10.1 16.2
	2800	5816		51.15	-4.55	198.70	13.27					10.1 4.34
	2900	5876		51.25	-4.55	198.55	12.10					10.1 4.34
	3000	5936		51.25	-4.55	198.81	13.36					10.1 2.2
	3100	5996		51.14	-4.56	198.85	13.40					
	3200	6056		51.17	-4.57	198.76	13.21					
	3300	6116		51.26	-4.56	198.55	13.16	13.22	1.00			10.1 19.87
	3400	6176		51.15	-4.57	198.78	13.23					10.1 22.59
	3500	6236		51.17	-4.57	198.74	13.29					10.1 10.26
	3600	6296		51.15	-4.57	198.76	13.21	13.67				
	3700	6356		51.3	-4.55	198.83	13.38					
	3800	6416		51.1	-4.55	198.76	13.31					
	3900	6476		51.14	-4.55	198.76	13.31	13.53				
	4000	6536		51.17	-4.55	198.76	13.31					
	4100	6596		51.17	-4.55	198.76	13.31					
	4200	6656		51.17	-4.55	198.76	13.31					
	4300	6716		51.17	-4.55	198.76	13.31					
	4400	6776		51.17	-4.55	198.76	13.31					
	4500	6836		51.17	-4.55	198.76	13.31					
	4600	6896		51.17	-4.55	198.76	13.31					
	4700	6956		51.17	-4.55	198.76	13.31					
	4800	7016		51.17	-4.55	198.76	13.31					
	4900	7076		51.17	-4.55	198.76	13.31					
	5000	7136		51.17	-4.55	198.76	13.31					
	5100	7196		51.17	-4.55	198.76	13.31					
	5200	7256		51.17	-4.55	198.76	13.31					
	5300	7316		51.17	-4.55	198.76	13.31					
	5400	7376		51.17	-4.55	198.76	13.31					
	5500	7436		51.17	-4.55	198.76	13.31					
	5600	7496		51.17	-4.55	198.76	13.31					
	5700	7556		51.17	-4.55	198.76	13.31					
	5800	7616		51.17	-4.55	198.76	13.31					
	5900	7676		51.17	-4.55	198.76	13.31					
	6000	7736		51.17	-4.55	198.76	13.31					
	6100	7796		51.17	-4.55	198.76	13.31					
	6200	7856		51.17	-4.55	198.76	13.31					
	6300	7916		51.17	-4.55	198.76	13.31					
	6400	7976		51.17	-4.55	198.76	13.31					
	6500	8036		51.17	-4.55	198.76	13.31					
	6600	8096		51.17	-4.55	198.76	13.31					
	6700	8156		51.17	-4.55	198.76	13.31					
	6800	8216		51.17	-4.55	198.76	13.31					
	6900	8276		51.17	-4.55	198.76	13.31					
	7000	8336		51.17	-4.55	198.76	13.31					
	7100	8396		51.17	-4.55	198.76	13.31					
	7200	8456		51.17	-4.55	198.76	13.31					
	7300	8516		51.17	-4.55	198.76	13.31					
	7400	8576		51.17	-4.55	198.76	13.31					
	7500	8636		51.17	-4.55	198.76	13.31					
	7600	8696		51.17	-4.55	198.76	13.31					
	7700	8756		51.17	-4.55	198.76	13.31					
	7800	8816		51.17	-4.55	198.76	13.31					
	7900	8876		51.17	-4.55	198.76	13.31					
	8000	8936		51.17	-4.55	198.76	13.31					
	8100	8996		51.17	-4.55	198.76	13.31					
	8200	9056		51.17	-4.55	198.76	13.31					
	8300	9116		51.17	-4.55	198.76	13.31					
	8400	9176		51.17	-4.55	198.76	13.31					
	8500	9236		51.17	-4.55	198.76	13.31					
	8600	9296		51.17	-4.55	198.76	13.31					
	8700	9356		51.17	-4.55	198.76	13.31					
	8800	9416		51.17	-4.55	198.76	13.31					
	8900	9476		51.17	-4.55	198.76	13.31					
	9000	9536		51.17	-4.55	198.76	13.31					
	9100	9596		51.17	-4.55	198.76	13.31					
	9200	9656		51.17	-4.55	198.76	13.31					
	9300	9716		51.17	-4.55	198.76	13.31					
	9400	9776		51.17	-4.55	198.76	13.31					
	9500	9836		51.17	-4.55	198.76	13.31					
	9600	9896		51.17	-4.55	198.76	13.31					
	9700	9956		51.17	-4.55	198.76	13.31					
	9800	10016		51.17	-4.55	198.76	13.31					
	9900	10076		51.17	-4.55	198.76	13.31					
	10000	10136		51.17	-4.55	198.76	13.31					

# AQUIFER TEST DATA

WELL EL-VI-T-3  
 PUMPING or OBSERVATION WELL  
 PUMPING or RECOVERY DATA  
 PAGE 5 OF 9  
 DEPTH OF PUMP/AIRPIPE 280/328.4  
 PUMP ON: date 1/19/81 time 1700  
 PUMP OFF: date 1/19/81 time 1700  
 DURATION OF AQUIFER TEST 100 min

TYPE OF AQUIFER TEST Constant Rate  
 HOW Q MEASURED Flow Meter  
 HOW W.L.'s MEASURED Pressure Transducer  
 RAD./DIST. OF/FROM PUMPING WELL 0  
 MEAS. POINT FOR W.L.'s 1.5 ft  
 ELEVATION OF MEAS. POINT 5210.24

LOCATION Barro Colorado  
 PERSONNEL R. D. ...

PROJECT ...

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ at t' = 0		STATIC WATER LEVEL <u>185.45</u>			READING	CONVERSIONS OR CORRECTIONS	WATER LEVEL	s or s'	Obs. Value	READING		
DAY	CLOCK TIME	t	t'									
	7:00	1800			51.00	4.67	198.90	13.45			600	1800 - WL = 199.02
	7:10	1810			50.90	4.67	199.15	13.70				pH = 6.5 Temp = 22.5
	7:20	1820			50.90	4.67	199.22	13.77	13.72			pH = 6.5 Temp = 22.5
	7:30	1830			50.92	4.65	199.15	13.70				WL 199.02 ft
1/19	7:40	1840			50.99	4.66	198.97	13.52				Temp = 22.5 pH = 6.5
	7:50	1850			50.96	4.66	199.27	13.82	13.67			
	8:00	1900			50.92							
	8:10	1910			50.92							
	8:20	1920			50.92	4.66	199.13	13.68				
	8:30	1930			50.96	4.65	199.16	13.61	13.70			
	8:40	1940			50.97	4.65	199.25	13.80				
	8:50	1950			50.91	4.65	199.18	13.73		600		WL = 199.10 ft
	9:00	2000			50.90	4.66	199.15	13.73	13.68			Temp = 22.5 pH = 6.5
	9:10	2010			50.97	4.65	199.04	13.59				
	9:20	2020			50.96	4.65	199.06	13.61				
	9:30	2030			50.96	4.66	199.04	13.59	13.61			
	9:40	2040			50.91	4.68	199.11	13.66				
	9:50	2050			50.92	4.19	199.04	13.59				
	10:00	2100			50.90	4.71	199.06	13.61				
	10:10	2110			50.89	4.71	199.08	13.63	13.65			
	10:20	2120			50.87	4.70	199.15	13.70				
	10:30	2130			50.94	4.72	199.25	13.50				
	10:40	2140			50.96	4.67	199.20	13.75	13.62	600		WL = 199.02 ft
	10:50	2150			50.90	4.68	199.08	13.63				Temp = 22.5 pH = 6.5
	11:00	2200			50.87	4.67	199.08	13.63				pH = 6.8 Temp = 19.5
	11:10	2210			50.86	4.67	199.08	13.63	13.68			
	11:20	2220			50.86	4.70	199.05	13.73				
	11:30	2230			50.89	4.67	199.05	13.73		600		WL = 199.02 ft
	11:40	2240			50.90	4.67	199.15	13.70				Temp = 22.5
	11:50	2250			50.89	4.68	199.15	13.70	13.66			pH = 6.5 Temp = 19.5
	12:00	2300			50.90	4.71	199.06	13.61				Temp = 19.5
	12:10	2310			50.87	4.70	199.05	13.70				
	12:20	2320			50.87	4.70	199.05	13.70				
	12:30	2330			50.87	4.70	199.05	13.70				
	12:40	2340			50.87	4.70	199.05	13.70				
	12:50	2350			50.87	4.70	199.05	13.70				
	13:00	2400			50.87	4.70	199.05	13.70				
	13:10	2410			50.87	4.70	199.05	13.70				
	13:20	2420			50.87	4.70	199.05	13.70				
	13:30	2430			50.87	4.70	199.05	13.70				
	13:40	2440			50.87	4.70	199.05	13.70				
	13:50	2450			50.87	4.70	199.05	13.70				
	14:00	2500			50.87	4.70	199.05	13.70				
	14:10	2510			50.87	4.70	199.05	13.70				
	14:20	2520			50.87	4.70	199.05	13.70				
	14:30	2530			50.87	4.70	199.05	13.70				
	14:40	2540			50.87	4.70	199.05	13.70				
	14:50	2550			50.87	4.70	199.05	13.70				
	15:00	2600			50.87	4.70	199.05	13.70				
	15:10	2610			50.87	4.70	199.05	13.70				
	15:20	2620			50.87	4.70	199.05	13.70				
	15:30	2630			50.87	4.70	199.05	13.70				
	15:40	2640			50.87	4.70	199.05	13.70				
	15:50	2650			50.87	4.70	199.05	13.70				
	16:00	2700			50.87	4.70	199.05	13.70				
	16:10	2710			50.87	4.70	199.05	13.70				
	16:20	2720			50.87	4.70	199.05	13.70				
	16:30	2730			50.87	4.70	199.05	13.70				
	16:40	2740			50.87	4.70	199.05	13.70				
	16:50	2750			50.87	4.70	199.05	13.70				
	17:00	2800			50.87	4.70	199.05	13.70				

# AQUIFER TEST DATA

WELL BL 11-13

TYPE OF AQUIFER TEST Constant Rate  
 HOW Q MEASURED Totals  
 HOW W.L.'s MEASURED Sound/Sounder  
 RAD./DIST. OF/FROM PUMPING WELL \_\_\_\_\_  
 MEAS. POINT FOR W.L.'s 5 ft  
 ELEVATION OF MEAS. POINT 5310.85

PUMPING or OBSERVATION WELL  
 PUMPING or RECOVERY DATA  
 PAGE 6 OF 9  
 DEPTH OF PUMP/AIRPIPE 280/328.4  
 PUMP ON: date 1/9/81 time 1705  
 PUMP OFF: date 1/9/81 time 1700  
 DURATION OF AQUIFER TEST 10 days

LOCATION Field  
PERSONNEL \_\_\_\_\_

PROJECT \_\_\_\_\_

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = _____ of t' = 0		STATIC WATER LEVEL <u>185.45</u>			READING	CONVERSIONS CORRECTIONS	WATER LEVEL	s or s'	Q	Q		
DAY	CLOCK TIME	t	t'	READING							CONVERSIONS CORRECTIONS	WATER LEVEL
	1300	9836		50.89	-4.70	199.11	13.66					
	1400	9896		50.85	-4.70	199.13	13.68	13.69				
	1500	9956		50.86	-4.70	199.18	13.63					
	1600	10016		50.83	-4.71	199.22	13.77		1000		W.L. 199.09	
	1700	10076	-10076	50.85	-4.71	199.11	13.66	13.75			Temp = 22.5	
	1800	10136		50.84	-4.68	199.20	13.75				g.p. = 410	
	1900	10196		50.84	-4.67	199.25	13.80				g.p. = 410	
	2000	10256		50.84	-4.70	199.08	13.63				W.L. 199.09	
	2100	10316		50.84	-4.70	199.06	13.61	13.66				
	2200	10376		50.86	-4.69	199.20	13.75					
	2300	10436		50.87	-4.66	199.06	13.61		1000		W.L. = 199.05	
	0000	10496		50.87	-4.67	199.02	13.57	13.60			Temp = 22.5	
	0100	10556		50.87	-4.68	199.06	13.61				g.p. = 415/410	
	0200	10616		50.88	-4.68	199.15	13.70	13.64			g.p. = 410	
	0300	10676		50.89	-4.68	199.04	13.59				W.L. = 199.05	
	0400	10736		50.87	-4.66	199.08	13.73	13.68				
	0500	10796		50.87	-4.68	199.08	13.73					
	0600	10856		50.88	-4.67	199.32	13.87					
	0700	10916		50.87	-4.67	199.04	13.69	13.73				
	0800	10976		50.87	-4.66	199.18	13.69		1000		W.L. 199.09	
	0900	11036		50.87	-4.66	199.08	13.63				Temp = 22.5	
	1000	11096		50.88	-4.66	199.09	13.64	13.79			g.p. = 420/410	
	1100	11156		50.88	-4.66	199.04	13.64				off = 6 in	
	1200	11216		50.88	-4.66	199.04	13.64				W.L. = 199.05	
	1300	11276		50.88	-4.66	199.04	13.64					
	1400	11336		50.88	-4.66	199.04	13.64					
	1500	11396		50.88	-4.66	199.04	13.64					
	1600	11456		50.88	-4.66	199.04	13.64					
	1700	11516		50.88	-4.66	199.04	13.64					
	1800	11576		50.88	-4.66	199.04	13.64					
	1900	11636		50.88	-4.66	199.04	13.64					
	2000	11696		50.88	-4.66	199.04	13.64					
	2100	11756		50.88	-4.66	199.04	13.64					
	2200	11816		50.88	-4.66	199.04	13.64					
	2300	11876		50.88	-4.66	199.04	13.64					
	0000	11936		50.88	-4.66	199.04	13.64					
	0100	11996		50.88	-4.66	199.04	13.64					
	0200	12056		50.88	-4.66	199.04	13.64					
	0300	12116		50.88	-4.66	199.04	13.64					
	0400	12176		50.88	-4.66	199.04	13.64					
	0500	12236		50.88	-4.66	199.04	13.64					
	0600	12296		50.88	-4.66	199.04	13.64					
	0700	12356		50.88	-4.66	199.04	13.64					
	0800	12416		50.88	-4.66	199.04	13.64					
	0900	12476		50.88	-4.66	199.04	13.64					
	1000	12536		50.88	-4.66	199.04	13.64					
	1100	12596		50.88	-4.66	199.04	13.64					
	1200	12656		50.88	-4.66	199.04	13.64					
	1300	12716		50.88	-4.66	199.04	13.64					
	1400	12776		50.88	-4.66	199.04	13.64					
	1500	12836		50.88	-4.66	199.04	13.64					
	1600	12896		50.88	-4.66	199.04	13.64					
	1700	12956		50.88	-4.66	199.04	13.64					
	1800	13016		50.88	-4.66	199.04	13.64					
	1900	13076		50.88	-4.66	199.04	13.64					
	2000	13136		50.88	-4.66	199.04	13.64					
	2100	13196		50.88	-4.66	199.04	13.64					
	2200	13256		50.88	-4.66	199.04	13.64					
	2300	13316		50.88	-4.66	199.04	13.64					

# AQUIFER TEST DATA

WELL 2-11-13  
PUMPING or OBSERVATION WELL

TYPE OF AQUIFER TEST isobaric  
HOW Q MEASURED by flowmeter  
HOW W.L.'s MEASURED by piezometer  
RAD./DIST. OF/FROM PUMPING WELL 10  
MEAS. POINT FOR W.L.'s 3 ft  
ELEVATION OF MEAS. POINT 5310 ft

PUMPING or RECOVERY DATA  
PAGE 7 OF 9  
DEPTH OF PUMP/AIRPIPE 280 / 1=280  
PUMP ON: date 1/18/81 time 17:00  
PUMP OFF: date 1/19/81 time 17:00  
DURATION OF AQUIFER TEST 100 days

LOCATION Barro Colorado  
PERSONNEL R. W. Johnston

PROJECT Barro Colorado Forest Reserve

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
t = <u>14396</u>		at t' = 0		STATIC WATER LEVEL <u>185.45</u>					READ-ING	Q		
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS or CORRECTIONS	WATER LEVEL	s or s'					
	0600	12374		50.96	-4.6	199.04	13.59	13.62				
	0700	12356		50.94	-4.6	199.08	13.63					
	0800	12416		50.89	-4.6	199.25	13.77					
	0900	12474		50.90	-4.6	199.25	13.77	13.78	600	WL = 199.29		
	1000	12532		50.97	-4.6	199.25	13.77			Temp = 23.0		
	1100	12596		50.89	-4.6	199.25	13.80			SA = 4.5		
	1200	12654		50.85	-4.62	199.36	13.91					
	1300	12714		50.77	-4.64	199.39	13.84	13.86		OK = 114.75		
	1400	12774		50.95	-4.61	199.11	13.66					
	1500	12832		50.94	-4.63	199.15	13.70					
	1600	12896		50.93	-4.62	199.20	13.75	13.78				
	1700	9	12956	50.87	-4.62	199.21	13.89		600	WL = 199.29		
	1800	12000		50.93	-4.62	199.18	13.73			Temp = 23.0		
	1900	12036		50.86	-4.64	199.32	13.87			SA = 4.5		
	2000	12096		50.93	-4.62	199.13	13.68	13.72		SA = 4.5		
	2100	12154		50.93	-4.65	199.06	13.61			SA = 4.5		
	2200	12212		50.89	-4.62	199.20	13.75			SA = 4.5		
	2300	12270		50.89	-4.62	199.20	13.72	13.78				
	0000	12326		50.90	-4.62	199.20	13.75		600	WL = 199.29		
	0100	12384		50.84	-4.62	199.22	13.87			Temp = 22.5		
	0200	12442		50.45	-4.62	199.11	13.94			SA = 4.5		
	0300	12500		50.81	-4.62	199.26	13.91			SA = 4.5		
	0400	12558		50.86	-4.62	199.27	13.85			SA = 4.5		
	0500	12616		41	-4.62	199.30	13.91	13.84				
	0600	12674		45	-4.65	199.25	13.95					
	0700	12732		44	-4.65	199.27	13.96					
	0800	12790		46	-4.67	199.24	13.89		600	WL = 199.29		
	0900	12848		43	-4.70	199.22	13.87	13.77				
	1000	12906		47.85	-4.62	199.27	13.54					
	1100	12964		50.87	-4.62	199.25	13.80					
	1200	13022		50.86	-4.68	199.20	13.60					
	1300	13080		50.87	-4.69	199.25	13.83					
	1400	13138		50.81	-4.69	199.23	13.87					
	1500	13196		50.81	-4.69	199.23	13.87					
	1600	13254		50.81	-4.69	199.23	13.87					
	1700	13312		50.81	-4.69	199.23	13.87					
	1800	13370		50.81	-4.69	199.23	13.87					
	1900	13428		50.81	-4.69	199.23	13.87					
	2000	13486		50.81	-4.69	199.23	13.87					
	2100	13544		50.81	-4.69	199.23	13.87					
	2200	13602		50.81	-4.69	199.23	13.87					
	2300	13660		50.81	-4.69	199.23	13.87					
	0000	13718		50.81	-4.69	199.23	13.87					
	0100	13776		50.81	-4.69	199.23	13.87					
	0200	13834		50.81	-4.69	199.23	13.87					
	0300	13892		50.81	-4.69	199.23	13.87					
	0400	13950		50.81	-4.69	199.23	13.87					
	0500	14008		50.81	-4.69	199.23	13.87					
	0600	14066		50.81	-4.69	199.23	13.87					
	0700	14124		50.81	-4.69	199.23	13.87					
	0800	14182		50.81	-4.69	199.23	13.87					
	0900	14240		50.81	-4.69	199.23	13.87					
	1000	14298		50.81	-4.69	199.23	13.87					
	1100	14356		50.81	-4.69	199.23	13.87					
	1200	14414		50.81	-4.69	199.23	13.87					
	1300	14472		50.81	-4.69	199.23	13.87					
	1400	14530		50.81	-4.69	199.23	13.87					
	1500	14588		50.81	-4.69	199.23	13.87					
	1600	14646		50.81	-4.69	199.23	13.87					
	1700	14704		50.81	-4.69	199.23	13.87					
	1800	14762		50.81	-4.69	199.23	13.87					
	1900	14820		50.81	-4.69	199.23	13.87					
	2000	14878		50.81	-4.69	199.23	13.87					
	2100	14936		50.81	-4.69	199.23	13.87					
	2200	14994		50.81	-4.69	199.23	13.87					
	2300	15052		50.81	-4.69	199.23	13.87					

# AQUIFER TEST DATA

WELL # 7-11-13  
 PUMPING or OBSERVATION WELL  
 PUMPING or RECOVERY DATA  
 PAGE 8 OF 9  
 DEPTH OF PUMP/AIRPIPE 270 / 328  
 PUMP ON: date 1/9/81 time 1705  
 PUMP OFF: date 1/19/81 time 1700  
 DURATION OF AQUIFER TEST 10 hours

TYPE OF AQUIFER TEST Recovery  
 HOW Q MEASURED N/A  
 HOW W.L.'s MEASURED Hand/Recovery  
 RAD./DIST. OF/FROM PUMPING WELL 7  
 MEAS. POINT FOR W.L.'s 5 ft  
 ELEVATION OF MEAS. POINT 5410

LOCATION Borehole 11Aak  
 PERSONNEL ...  
 PROJECT ...

		TIME		WATER LEVEL DATA				DISCHARGE	RECORDED BY	COMMENTS
		$t = 14396$ at $t' = 0$		STATIC WATER LEVEL <u>186.45</u>						
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS OF CORRECTIONS	WATER LEVEL	s or (s')	READING	Q	
	1706		6	56.40	-4.69	186.37	0.92			7436525 301 7436013 SCOTT
	1707		7	56.42	-4.70	186.35	0.90			
	1708		8	56.42	-4.70	186.35	0.90			
	1709		9	56.42	-4.71	186.33	0.88			
	1710		10	56.42	-4.71	186.33	0.88			
	1711		11	56.42	-4.72	186.30	0.85			
	1712		12	56.42	-4.72	186.30	0.85			
	1713		13	56.42	-4.72	186.30	0.85			
	1714		14	56.42	-4.72	186.30	0.85			
	1715		15	56.42	-4.72	186.30	0.85			
	1716		16	56.42	-4.72	186.28	0.83			
	1717		17	56.42	-4.72	186.28	0.83			
	1718		18	56.42	-4.74	186.26	0.81			
	1719		19	56.42	-4.72	186.28	0.83			
	1720		20	56.42	-4.72	186.28	0.83			
	1721		21	56.42	-4.72	186.28	0.83			
	1722		22	56.42	-4.72	186.28	0.83			
	1723		23	56.42	-4.72	186.28	0.83			
	1724		24	56.42	-4.72	186.28	0.83			
	1725		25	56.42	-4.72	186.28	0.83			
	1726		26	56.42	-4.72	186.28	0.83			
	1727		27	56.42	-4.72	186.28	0.83			
	1728		28	56.42	-4.72	186.28	0.83			
	1729		29	56.42	-4.72	186.28	0.83			
	1730		30	56.42	-4.72	186.28	0.83			
	1731		31	56.42	-4.72	186.28	0.83			
	1732		32	56.42	-4.72	186.28	0.83			
	1733		33	56.42	-4.72	186.28	0.83			
	1734		34	56.42	-4.72	186.28	0.83			
	1735		35	56.42	-4.72	186.28	0.83			
	1736		36	56.42	-4.72	186.28	0.83			
	1737		37	56.42	-4.72	186.28	0.83			
	1738		38	56.42	-4.72	186.28	0.83			
	1739		39	56.42	-4.72	186.28	0.83			
	1740		40	56.42	-4.72	186.28	0.83			
	1741		41	56.42	-4.72	186.28	0.83			
	1742		42	56.42	-4.72	186.28	0.83			
	1743		43	56.42	-4.72	186.28	0.83			
	1744		44	56.42	-4.72	186.28	0.83			
	1745		45	56.42	-4.72	186.28	0.83			
	1746		46	56.42	-4.72	186.28	0.83			
	1747		47	56.42	-4.72	186.28	0.83			
	1748		48	56.42	-4.72	186.28	0.83			
	1749		49	56.42	-4.72	186.28	0.83			
	1750		50	56.42	-4.72	186.28	0.83			
	1751		51	56.42	-4.72	186.28	0.83			
	1752		52	56.42	-4.72	186.28	0.83			
	1753		53	56.42	-4.72	186.28	0.83			
	1754		54	56.42	-4.72	186.28	0.83			
	1755		55	56.42	-4.72	186.28	0.83			
	1756		56	56.42	-4.72	186.28	0.83			
	1757		57	56.42	-4.72	186.28	0.83			
	1758		58	56.42	-4.72	186.28	0.83			
	1759		59	56.42	-4.72	186.28	0.83			
	1800		60	56.42	-4.72	186.28	0.83			
	1801		61	56.42	-4.72	186.28	0.83			
	1802		62	56.42	-4.72	186.28	0.83			
	1803		63	56.42	-4.72	186.28	0.83			
	1804		64	56.42	-4.72	186.28	0.83			
	1805		65	56.42	-4.72	186.28	0.83			
	1806		66	56.42	-4.72	186.28	0.83			
	1807		67	56.42	-4.72	186.28	0.83			
	1808		68	56.42	-4.72	186.28	0.83			
	1809		69	56.42	-4.72	186.28	0.83			
	1810		70	56.42	-4.72	186.28	0.83			
	1811		71	56.42	-4.72	186.28	0.83			
	1812		72	56.42	-4.72	186.28	0.83			
	1813		73	56.42	-4.72	186.28	0.83			
	1814		74	56.42	-4.72	186.28	0.83			
	1815		75	56.42	-4.72	186.28	0.83			
	1816		76	56.42	-4.72	186.28	0.83			
	1817		77	56.42	-4.72	186.28	0.83			
	1818		78	56.42	-4.72	186.28	0.83			
	1819		79	56.42	-4.72	186.28	0.83			
	1820		80	56.42	-4.72	186.28	0.83			
	1821		81	56.42	-4.72	186.28	0.83			
	1822		82	56.42	-4.72	186.28	0.83			
	1823		83	56.42	-4.72	186.28	0.83			
	1824		84	56.42	-4.72	186.28	0.83			
	1825		85	56.42	-4.72	186.28	0.83			
	1826		86	56.42	-4.72	186.28	0.83			
	1827		87	56.42	-4.72	186.28	0.83			
	1828		88	56.42	-4.72	186.28	0.83			
	1829		89	56.42	-4.72	186.28	0.83			
	1830		90	56.42	-4.72	186.28	0.83			
	1831		91	56.42	-4.72	186.28	0.83			
	1832		92	56.42	-4.72	186.28	0.83			
	1833		93	56.42	-4.72	186.28	0.83			
	1834		94	56.42	-4.72	186.28	0.83			
	1835		95	56.42	-4.72	186.28	0.83			
	1836		96	56.42	-4.72	186.28	0.83			
	1837		97	56.42	-4.72	186.28	0.83			
	1838		98	56.42	-4.72	186.28	0.83			
	1839		99	56.42	-4.72	186.28	0.83			
	1840		100	56.42	-4.72	186.28	0.83			

11.9 = 186.37

10.9 = 186.28

# AQUIFER TEST DATA

WELL # 11-11  
PUMPING or OBSERVATION WELL

TYPE OF AQUIFER TEST Recovery  
HOW Q MEASURED NA  
HOW W.L.'s MEASURED Pressure Transducer  
RAD./DIST. OF/FROM PUMPING WELL 17  
MEAS. POINT FOR W.L.'s 1 ft  
ELEVATION OF MEAS. POINT 5310

PUMPING or RECOVERY DATA  
PAGE 9 OF 9  
DEPTH OF PUMP/AIRPIPE 280/325  
PUMP ON: date 1/19/81 time 1705  
PUMP OFF: date 1/19/81 time 1700  
DURATION OF AQUIFER TEST 60 minutes

LOCATION Bernal North  
PERSONNEL R. L. B. Brown

PROJECT W. D. B. Recovery

TIME				WATER LEVEL DATA					DISCHARGE		RECORDED BY	COMMENTS
DAY	CLOCK TIME	t	t'	READING	CONVERSIONS or CORRECTIONS	WATER LEVEL	s or (s')	READING	Q			
		t = <u>14396</u> at t' = 0		STATIC WATER LEVEL <u>185.45 ft</u>								
	0200		540	56.54	-4.72	186.03	0.58					
	0300		600	56.53	-4.72	186.00	0.55					57.19
	0400		660	56.55	-4.72	185.98	0.53					
	0500		720	56.57	-4.71	185.98	0.53	99.7%	0.00			
	0600		780	56.57	-4.70	185.98	0.53					
	0700		840	56.59	-4.70	185.96	0.51					
	0800		900	56.59	-4.70	185.96	0.51					
	0900		960	56.60	-4.68	185.98	0.53					67.2 = 185.82
	1000		1020	56.60	-4.71	185.91	0.46					
	1100		1080	56.60	-4.72	185.89	0.44					
	1200		1120	56.61	-4.72	185.87	0.43					
	1300		1180	56.62	-4.72	185.84	0.39					
	1400		1240	56.61	-4.72	185.87	0.42					
	1500		1300	56.60	-4.70	185.93	0.48					
	1600		1360	56.61	-4.71	185.89	0.44					
	1700		1420	56.61	-4.71	185.89	0.44					67.2 - 185.82
	1800		1480	56.61	-4.70	185.91	0.46					
	1900		1540	56.62	-4.71	185.84	0.39					
	2000		1600	56.62	-4.72	185.82	0.37					
	2100		1660	56.62	-4.72	185.80	0.35					
	2200		1720	56.62	-4.72	185.77	0.32					
	2300		1780	56.64	-4.72	185.75	0.30					67.2 - 185.82
	2400		1840	56.66	-4.72	185.73	0.28					
	2500		1900	56.66	-4.72	185.68	0.25					
	2600		1960	56.67	-4.74	185.68	0.23					
	2700		2020	56.68	-4.74	185.66	0.21					
	2800		2080	56.67	-4.72	186.70	0.25					
	2900		2140	56.67	-4.72	186.66	0.23					
	3000		2200	56.70	-4.70	186.20	0.25					
	3100		2260	56.70	-4.70	186.20	0.25					67.2 - 185.82
	3200		2320	56.71	-4.67	185.53	0.27					67.2 - 185.82
	3300		2380	56.71	-4.67	186.20	0.27					
	3400		2440	56.71	-4.65	186.20	0.35					
	3500		2500	56.71	-4.65	185.82	0.37					
	3600		2560	56.71	-4.67	185.75	0.37					
	3700		2620	56.72	-4.66	185.75	0.37					
	3800		2680	56.72	-4.66	185.75	0.37					
	3900		2740	56.72	-4.66	185.75	0.37					
	4000		2800	56.72	-4.66	185.75	0.37					
	4100		2860	56.72	-4.66	185.75	0.37					
	4200		2920	56.72	-4.66	185.75	0.37					
	4300		2980	56.72	-4.66	185.75	0.37					
	4400		3040	56.72	-4.66	185.75	0.37					
	4500		3100	56.72	-4.66	185.75	0.37					