Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/17 - 10/20		Pump	6850	6850	-	-	-	-	MGC	Develop using 1.5 Hp submersible pump set at 486' then 570'. Discharge rate 3.5 gpm.
SCREEN #1 (489.67' - 499.66')										
10/21/90	1900	Air-lift	90		-	-	-	-	DM	One packer set at 583.45'. Test air-lifting assembly.
10/22/90	0948	"	252		8.4	19.5	990	45	MGC	1.5 gpm. Water is greenish yellow and murky.
10/22/90	1024	"	54		8.4	20.0	990	45.5	MGC	" "
10/22/90	1125	"	91.5		8.4	20.5	1020	65	MGC	Higher turbidity due to surging of screen at 1100 hrs. Water is brownish yellow.
10/22/90	1315	"	165		8.4	23.5	1080	45	MGC	" "
10/22/90	1415	"	90		8.4	24.0	1090	42	MGC	"
10/22/90	1510	"	82.5		8.4	24.0	1090	45	MGC	" "
10/22/90	1615	"	97.5		8.4	22.0	1030	38	MGC	" "
10/22/90	1733	"	117		8.4	21.5	1020	85	MGC	" "
10/22/90	1836	"	91.5		8.3	19.5	980	70	MGC	" "
10/22/90	1855	"	28.5		-	-	-	-	MGC	Compressor off.

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/23/90	0858	Air-lift			8.3	16.5	910	38	MGC	1.6 gpm, cloudy yellowish.
10/23/90	1000	"			8.3	19.0	940	54	MGC	1.6 gpm, cloudy yellowish.
10/23/90	1100	"			8.3	21.0	990	18.5	MGC	Surged.
10/23/90	1140	"			8.3	22.0	1010	31	MGC	Cloudy, yellowish 30 minutes after surge.
10/23/90	1200	"			8.3	22.0	1010	>100	MGC	Grayish, yellow and cloudy 45 minutes after surge.
10/23/90	1300	"			8.3	23.0	1040	63.5	MGC	" "
10/23/90	1357	"			8.3	24.5	1100	29	MGC	1.6 gpm, grayish yellow, cloudy.
10/23/90	1430	"			8.3	24.0	1090	22	MGC	" "
10/23/90	1500	"			8.3	23.5	1090	22	MGC	Surged at 1503.
10/23/90	1600	"			8.3	23.0	1080	48.5	MGC	1.6 gpm, cloudy; grayish yellow.
10/23/90	1700	"			8.3	22.0	1020	31	MGC	" "
10/23/90	1800	"			8.3	21.0	1010	70	JLK	Surging every 30 minutes.
10/23/90	1850	"			8.3	19.5	990	>100	MGC	Grayish yellow, cloudy.
10/23/90	2000	"			8.3	21.0	980	>100	JLK	Very cloudy, surging hard prior to sampling.
10/23/90	2056	"			8.2	19.5	950	55	JLK	Cloudy, not as before.
10/23/90	2152	"			8.3	18.0	950	42.5	JLK	Last test, quit air-lifting.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/24/90	0945	Air-lift			8.4	19.5	1025	24	PSE	Cloudy.
10/24/90	1045	"			8.4	20.5	1000	29	PSE	Slightly cloudy.
10/24/90	1145	"			8.4	22.0	1025	18	PSE	" "
10/24/90	1345	"			8.3	23.0	1025	16	PSE	Slightly cloudy, yellowish.
10/24/90	1445	"			8.4	23.0	1090	13	PSE	" "
10/24/90	1545	"			8.4	22.0	1025	13	PSE	" "
10/24/90	1645	"			8.4	22.0	1075	11	PSE	Very slightly cloudy.
10/24/90	1745	"			8.4	22.5	1050	10	JLK	" "
10/24/90	1845	"			8.4	20.0	1000	8.5	JLK	" "
10/24/90	1943	"			8.3	20.0	1000	7.5	JLK	" "
10/24/90	2040	"			8.3	18.0	980	8.0	JLK	" "
10/24/90	2145	"		3,996 (Estimated for Screen #1)	8.3	18.0	950	8.0	JLK	" "

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T ℃	Cond	Turbidity (NTU)	Initials	Comments
SCREEN #2 (589.82' - 599.81')										
10/25/90	1250	Air-lift			8.3	24.5	1080	21	MGC	Only slightly cloudy, 12:55 surge.
10/25/90	1315	"			8.3	23.5	1050	>100	MGC	Grayish brown, cloudy.
10/25/90	1410	"			8.3	24.5	1080	>100	MGC	" "
10/25/90	1600	Air-lift			8.4	23.0	1080	87.5	MGC	Grayish, cloudy - surged at 1530'.
10/25/90	1655	"			8.4	22.0	1020	>100	MGC	Grayish, cloudy, surged at 1600' and 1630'.
10/25/90	1725	"			8.3	21.5	1000	83	MGC	Grayish, cloudy, surged at 1658'.
10/25/90	1746	"			8.3	22.0	1000	45	JLK	Cloudy.
10/25/90	1840	"			8.2	20.0	990	80	JLK	Pump off until tomorrow morning.
10/26/90	0750	"			8.4	16.0	1000	29	JFK	Been pumping for 2 hours, clear water.
10/26/90	0900	"			8.4	18.0	920	8.5	JFK	"
10/26/90	1008	"			8.4	23.0	620	6.2	JFK	Surge at 10:20 a.m.
10/26/90	1100	"			8.4	22.0	1000	39	JFK	Surge at 11:04; 11:30.
10/26/90	1157	"			8.4	21.5	1040	59	JFK	
10/26/90	1300	"			8.4	21.0	1000	9.0	JFK	Surge at 1302.
10/26/90	1402	"			8.3	21.0	1000	41	JFK	Surge at 1342, 1430.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/26/90	1500	Air-lift			8.4	21.8	1050	72	JFK	Surge at 1500, 1535.
10/26/90	1540	"			8.4	22.0	980	32	JFK	Just surged.
10/26/90	1600	"			8.4	21.0	900	52	JFK	Surged 1602.
10/26/90	1636	"			8.4	22.0	1020	56	JFK	Surged 1642.
10/26/90	1702	"			8.4	21.2	980	62	JFK	Surged at 1704.
10/26/90	1730	"			8.4	22.0	920	59	JFK	Surged at 1733.
10/26/90	1800	"			8.4	21.0	960	55	JFK	Stopped surging.
10/26/90	1835	"			8.4	20.0	980	32	JFK	
10/26/90	1900	"			8.3	14.0	450	15	JFK	Anomolous readings of T, Cond, and turbidity.
10/26/90	1930	"			8.4	20.0	900	25	JFK	
10/26/90	2000	"			8.3	18.0	980	40	JFK	
10/26/90	2050	"			8.3	14.0	900	40	JFK	
10/26/90	2115	"			8.4	15.0	980	42	JFK	
10/26/90	2145	"			8.3	19.0	880	38	JFK	
10/27/90	0700	"			8.3	21.5	990	25	DM	Pump on 7 a.m., 2.14 gpm, no samples after surging at 0845, deflate packer at 0855, reinflate at 0918.
10/27/90	1100	"			8.3	22.0	1000	9	DM	

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/27/90	1200	Air-lift		4108.8 (estimated for screen #2)	8.3	23.5	1050	7	DM	No surging cycles allowing turbidity to lower more rapidly. Earl Morse Ok's moving down to next screen. Screen #2 developed. Move to screen #3.

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
SCREEN #3 (709.93' - 719.91')										
10/27/90	1330	Air-lift			8.2	23.5	1100	>100	DM	Inflate packer at 1315, set at 714'. *Turbidity 75ml/1000ml, some tremie scale.
10/27/90	1420	"			8.2	24.0	1100	>100	DM	Pumping 5G/90 sec = 3.3 gpm.
10/27/90	1506	"			8.2	23.5	1080	>100	DM	Pumping 5G/75 sec = 4 gpm.
10/27/90	1607	"			8.2	23.5	1080	>100	DM	
10/27/90	1657	"			8.2	23.0	1030	68	DM	1st surge cycle at 1659. Start discharging again at 1714. 1.5 gpm
10/27/90	1756	"			8.2	23.0	1070	>100	DM	*Turbidity 150ml/1000ml, increase air volume at 1743, discharging 6 gpm.
10/27/90	1854	"			8.2	22.0	1080	>100	DM	2nd surge cycle at 1812. Start discharging at 1827', 5 gpm.
10/28/90	0900	"			8.2	19.0	720	>100	JFK	Water is visually turbid.
10/28/90	0930	"			8.2	22.0	600	>100	JFK	" "
10/28/90	1000	"			8.3	21.0	1050	>100	JFK	Packers deflated at 0940, water very turbid reinflated at 1000.
10/28/90	1100	"			8.5	24.0	1090	>100	JFK	1030 water visually turbid, surge at 1101.
10/28/90	1158	"			8.2	22.0	1080	>100	JFK	Water very turbid.

*Turbidities reported in ml/1000ml were measured with Imhoff cone.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/28/90	1308	Air-lift			8.2	24.0	1100	>100	JFK	Turbid.
10/28/90	1403	"			8.2	24.0	1090	>100	JFK	Turbid.
10/28/90	1456	"			8.3	24.0	1100	>100	JFK	Turbid. Surge at 1500.
10/28/90	1600	"			8.2	23.0	1080	>100	JFK	Very turbid.
10/28/90	1800	"			8.2	22.0	1080	>100	JFK	" "
10/28/90	1800	"			8.2	21.0	1080	>100	JFK	Surge at 1709, turbid.
10/28/90	1850	"			8.2	20.0	1050	92	JFK	Surge at 1851.
10/28/90	2145	"			8.2	20.0	1000	>100	JLR	Stop for day.
10/29/90	1515	"			8.25	22.5	1050	>100	GJC	First sample after last surge at 1300 hours. Change pH meter sensitivity to 1/100th of a pH unit.
10/29/90	1603	"			8.26	21.5	1100	>100	GJC	Still very turbid, continue run.
10/29/90	1700	"			8.21	22.1	1125	>100	JAM	Less cloudy.
10/29/90	1800	"			8.19	21.5	1050	97	JAM	First sample, under 100 NTU.
10/29/90	1900	"			8.17	20.5	990	73	JAM	4.85 gpm.
10/29/90	2000	"			8.17	21.0	1005	58	JAM	Lowered NTU
10/29/90	2100	"			8.17	20.5	995	73	JAM	Back up to 73 NTu.
10/29/90	2147	"			8.18	21.0	995	25	JAM	Lower yet. Let pump run overnight.

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/30/90	0730	Air-lift			8.17	21.0	1010	N/A	JAM	No turbidity meter, meter is charging.
10/30/90	0830	"			8.19	23.0	1050	11	GJC	Minor silt particles present.
10/30/90	0902	"			8.19	24.0	1080	15	GJC	"
10/30/90	0938	"			8.20	24.5	1080	5.5	GJC	Water very clear, few silt particles.
10/30/90	1000	"		11,685 (estimated for screen #3)	8.20	24.0	1080	5.0	GJC	Temperature probe in sun explains high temperature reading. Screen #3 developed, move to screen #4.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
SCREEN #4 (789.98' - 799.97')										
10/30/90	1500	"								Start air-lifting 2.56 gpm.
10/30/90	1600	"			8.38	23.0	1000	>100	DH	
10/30/90	1700	"			8.40	20.0	1000	>100		Surging every 30 minutes.
10/30/90	1800	"			8.35	22.0	1000	>100		
10/30/90	1900	"			8.42	22.1	850	>100	JAM	After 30 minutes clears. Surging producing 250 ml of sediment in clear cone.
10/30/90	1930	"			8.57	20.0	950	22.5	JAM	Looks good. NTu down to 22.5. 2.5 gpm (deflate packers).
10/30/90	2000	"			8.82	21.0	900	>100	JAM	
10/30/90	2100	"			8.59	20.0	900	>100	JAM	Cloudy, surge.
10/30/90	2200	"			8.57	21.0	950	>100	JAM	Cloudy, surge. Let pump run ove night.
10/31/90	0730	"			8.43	23.0	910	>100	JAM	Surged at 7:00, deflated packers.
10/31/90	0850	"			8.36	22.2	950	37	JAM	Much more clear.
10/31/90	0930	"			8.36	24.5	940	15	JAM	Surge at 0931.
10/31/90	0953	"			8.33	24.5	990	>100	JFK	
10/31/90	1032	"			8.26	24.5	1100	>100	JFK	

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
10/31/90	1103	Air-lift			8.51	25.0	920	53	JFK	Surge at 1107.
10/31/90	1158	"			8.44	25.0	930	27	JFK	
10/31/90	1232	"			8.42	25.0	920	>100	JFK	Surged at 1203.
10/31/90	1300	"			8.38	25.5	920	>100	JAM	Surged at 1203.
10/31/90	1337	"			8.39	25.5	900	67	JFK	
10/31/90	1401	"			8.41	25.5	900	59	JFK	Surge at 1402.
10/31/90	1435	"			8.42	26.0	930	>100	JFK	
10/31/90	1502	"			8.40	25.5	920	74	JFK	Surge at 1506.
10/31/90	1545	"			8.41	23.0	920	95	JFK	
10/31/90	1605	"			8.41	23.0	890	54	JFK	Surge at 1606.
10/31/90	1630	"			8.40	23.0	850	>100	JFK	
10/31/90	1702	"			8.41	22.5	900	64	JFK	
10/31/90	1800	"			8.39	22.0	900	75	JAM	
10/31/90	1900	"			8.30	22.0	990	70	JAM	
10/31/90	2000	"			8.30	21.8	960			
10/31/90	2100	"			8.26	21.8	940	20		NTu's lowering. Let pump run over-night.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
11/01/90	0800	"			8.24	21.0	830	11	DM	Pumping at 2.5 gpm. Water clearing slowly.
11/01/90	0900	"			8.26	23.0	880	14.5	DM	
11/01/90	1000	"			8.28	23.0	880	>100	DM	Orange tinted (rust?) and cloudy. Deflate packers and pump at 5 gpm to clean up. Reinflate packers at 1048, skip 11 a.m. sample.
11/01/90	1200	"			8.24	22.5	830	8	DM	Cleared up, pumping 3 gpm.
11/01/90	1300	"			8.23	22.5	880	7.5	DM	
11/01/90	1400			9306 (estimated for screen #4)	8.19	23.0	880	6	DM	Screen #4 is developed. Deflate packer. Move to screen #5.

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T ℃	Cond	Turbidity (NTU)	Initials	Comments
SCREEN #5 (890.06' - 900.04')										
11/01/90	1545	Air-lift			-	-	-	-	DM	Begin pumping without inflating packers, 4.5 - 5 gpm.
11/01/90	1711	"			-	-	-	*300 ml/ 1000 ml	DM	Begin pumping with packers inflat 3.5 gpm, water very turbid, packers at 886' (upper) - 904' (lower).
11/01/90	1800	"			-	-	-	-	DM	Begin surging, discharge by 1835. Let pump run overnight.
11/02/90	0700	"			-	-	-	-	PSE	Sometime between 6 & 7 a.m. the compressor died. Back on by 7 a.m.
11/02/90	0745	"			-	-	-	-	PSE	First water appears at discharge.
11/02/90	0755	"			-	-	-	-	PSE	First slug of silty water from screen at discharge.
11/02/90	0905	"			8.19	23.0	1010	32	PSE	Cloudy, whitish.
11/02/90	1020	"			8.19	24.0	1010	26	PSE	Cloudy.
11/02/90	1030	Surge			-	-	-	-	PSE	Surge by deflating packers.
11/02/90	1135	Air-lift			-	-	-	>100	PSE	Silty, (possibly rust).
11/02/90	1150	"			-	-	-	>100	PSE	Silty, yellowish.
11/02/90	1228	"			8.21	23.0	1010	29	PSE	Cloudy.

*Turbidity measured with Imhoff Cone

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
11/02/90	1230	Surge			-	-	-	-	PSE	Surge by deflating then inflating packers.
11/02/90	1310	Air-lift			8.21	23.0	1010	42	PSE	Cloudy.
11/02/90	1315	Surge			-	-	-	>100	PSE	Surge by shutting off air-lift.
11/02/90	1400	"			-	-	-	>100	PSE	" "
11/02/90	1455	"			-	-	-	>100	PSE	" "
11/02/90	1715	"			-	-	-	>100	PSE	Surge by shutting off air.
11/02/90	1800	Air-lift						>100	PSE	Very cloudy, white.
11/02/90	1801	Surge			-	-	-	>100	PSE	
11/02/90	1855	Air-lift			-	-	-	>100	PSE	Very cloudy.
11/02/90	1900	Surge			-	-	-	-	PSE	GCL leaves site. Beylik stays to surge/air-lift until 2200. Let pump run overnight.
11/03/90	0700	Air-lift			-	-	-	*40 ml/ 1000 ml	DM	Deflate packers at 0715. Inflate packers at 0845.
11/03/90	1030	Surge & Air-lift						*250 ml/ 1000 ml	DM	Samples taken just after surging are ranging 250 ml - 500 ml/100 ml*
11/03/90	1130	"						>100	DM	
11/03/90	1200	Air-lift			8.19	22.3	1010	>100	DM	Still very turbid, discharging 3.5 - 5 gpm.

*Turbidity measured with Imhoff cone

Water Level
pre-development _____
post-development _____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T ℃	Cond	Turbidity (NTU)	Initials	Comments
11/03/90	1230	Surge & air-lift			-	-	-	-	DM	Surge 3 consecutive times.
11/03/90	1330				-	-	-	*25 ml/ 1000 ml	DM	Sample taken just before surging at 1330.
11/03/90	1430	"			-	-	-	*50 ml/ 1000 ml	DM	Sample taken just before surging at 1430.
11/03/90	1700	"			-	-	-	-	DM	
11/03/90	1745	"			-	-	-	-	DM	Deflate packer for about 30 min.
11/03/90	1830	"								Continue surge/air-lift cycle till 2130, air-lift overnight.
11/04/90	0730	Air-lift			-	-	-	20	PSE	Sample taken after air-lifting all night.
11/04/90	0745	Surge			-	-	-	-	PSE	Cut air.
11/04/90	0750	Air-lift			-	-	-	-	PSE	Air-back on.
11/04/90	0900	"			-	-	-	>100	PSE	Cloudy, white.
11/04/90	1150	"			-	-	-	44	PSE	Cloudy.
11/04/90	1400	"			-	-	-	13	PSE	
11/04/90	1430	"			-	-	-	18	PSE	
11/04/90	1500	"			-	-	-	14	PSE	

*Turbidity measured with Imhoff cone

MONITOR WELL DEVELOPMENT

WELL: PL-5

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
11/04/90	1530	Air-lift			-	-	-	12	PSE	Slightly cloudy.
11/04/90	1535	"		18,576 (estimated for screen #5	-	-	-	8	PSE	Screen #5 is developed. Move to screen #6.

*Turbidity measured with Imhoff Cone.

Water Level
pre-development_____
post-development_____

MONITOR WELL DEVELOPMENT

WELL: PL-5

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
SCREEN #6 (980.13' - 990.12')										
11/05/90	0700	Air-lift	-	-	-	-	-	-	GC	Bottom-most screen. Single packer (upper) set at 976'. Prior to inflating packer, cleaned heavies from sump, tagged bottom of sump 1008.8'.
11/05/90	-	"	-	-	-	-	-	-	GC	
11/05/90	1430	"							GC	
11/05/90	1445	"			-	23.7	1009	>100	GC	Water muddy.
11/05/90	1530	"			8.29	23.5	1032	>100	GC	
11/05/90	1600	Surge & air-lift			-	-	-	-	GC	
11/05/90	1630	"			8.31	21.7	1010	>100	GC	Surge at 1645.
11/05/90	1705	"			8.31	22.2	986	62	GC	Surge at 1717.
11/05/90	1800	"			8.30	22.8	997	15	GC	Surge at 1816. Sample taken after surge *40ml/1000ml.
11/05/90	1900	"			8.29	22.3	991	12	GC	Surge at 1922.
11/05/90	2010	"			8.31	22.5	997	8	GC	Surge from 2045-2100 hours, air-lift overnight.
11/06/90	0700	"			8.40	22.0	890	5	DM	

*Turbidity measured with Imhoff Cone

Water Level
pre-development_____
post-development_____

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11/06/90	0850	Surge & air-lift			8.26	23.0	1010	6	DM	Surge at 0900, discharging 5g/115 sec, 4gpm.
11/06/90	0900	"			-	-	-	*40ml/ 1000ml	DM	Sample after surge.
11/06/90	1000	Air-lift			8.21	23.5	1020	5.5	DM	No more surging.
11/06/90	1100	"			8.21	25.0	1030	4.2	DM	Deflate packer at 1105. Continue air-lifting with packer deflated. Screen #6 is developed. Move into sump.
WELL SUMP										
11/06/90	1330	Air-lift			8.18	22.0	990	54	DM	Air-lifting heavies from sump general cleaning.
11/06/90	1445	"			8.20	23.0	1080	57	DM	
11/06/90	1535	"			8.19	23.0	1060	31	DM	
11/06/90	1630	"			8.17	22.5	1010	21	DM	
11/06/90	1800	"			8.15	22.0	1000	18	DM	Air-lift overnight.
11/07/90	0830	"		4,200 (estimated for sump)						PL-5 is developed.
				65,682						Estimated total volume of water developed from well.

*Turbidity measured with Imhoff Cone