MONITOR WELL DEVELOPMENT

WELL: 700-B-510

Water Level
pre-development 468.65' (TSC)
post-development 471.83 (TOC)

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T°C	Cond	Turbidity (NTU)	Initials	Comments
07/25/90	1325	Surge & bail	40	40	-	-	-	-	MGC	Water very silty; no parameters taken
07/26/90	1105	"	60	100	-	-	-	-	MGC	" "
07/27/90	1115	Pump	111	211	*	26	950	>100	MGC	Pumped 20 minutes at 5.55 gpm **Soapy with minor amount of sil
07/27/90	1120	"			*	26	790	56	MGC	**Soapy with minor amount of silt
07/27/90	1124	"			*	26.5	820	67	MGC	"
07/27/90	1130	"			*	26.5	800	56.5	MGC	"
07/30/90	0959	"			*	23.5	710	57	MGC	1.67 gpm x 13 minutes **Soapy, cloudy, white
	1006	"	22	233	*	24	670	>100	MGC	Greenish gray, silty
07/31/90	1036	"	50	283	*	23.5	620	78	MGC	30 minutes at 1.67 gpm, white in color, some silt present, much air present
07/31/90	1040	"			*	23	620	63	MGC	" "
07/31/90	1043	"			*	24.5	680	39	MGC	" "
07/31/90	1048	"			*	24.5	680	32	MGC	" "
07/31/90	1050	"			*	24	690	38	MGC	" "
07/31/90	1053	"			*	24.5	690	32	MGC	" "

*pH meter not available for use
**soap due to soapy water introduced from truck to create head above check valve

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07/31/90	1056	Pump			*	25	690	23	MGC	30 minutes at 1.67 gpm, white in color, some silt present, much air present
08/01/90	0848	"	90	373	*	21	590	31.5	MGC	24 minutes at 3.75 gpm = 90 gallons Soap no longer evident
08/01/90	0852	"			*	23	600	18	MGC	Some silt, slightly cloudy
08/01/90	0857	"	90	373	*	23.5	610	18.5	MGC	Some silt slightly white/cloudy
08/01/90	0900	"			*	24.5	630	26	MGC	" "
08/01/90	0904	"			*	25	650	23	MGC	" "
08/01/90	0908	"			*	26	660	16.5	MGC	" "
08/02/90	1010	Pump	59	432	*	25	670	31	MGC	15 minutes at 3.91 gpm, clear yellow tinge, no silt obvious
08/02/90	1016	"			*	25.5	680	18.5	MGC	" "
08/02/90	1022	"			*	26.5	670	30	MGC	" "
08/03/90	1032	Pump	61	493	*	24.5	630	31.5	MGC	" "
08/03/90	1036	"			*	25	660	17.5	MGC	" "
08/03/90	1040	"			*	25.5	700	83	MGC	Water-greenish, cloudy
08/03/90	1043	"			*	26.5	660	31.5	MGC	Yellowish, cloudy
08/06/90	0918	Pump	93	586	*	21.0	600	36.5	GJC	Clear-minor amount of soap and silt

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08/06/90	0924	Pump	93	586	*	22.5	625	19	GJC	Clear-minor amount of soap and silt
08/06/90	0930	"			*	23.5	650	18.5	GJC	Minor amount of silt, no soap
08/06/90	0935	"			*	24.5	675	13.5	GJC	Minor amount of silt, no soap.
08/07/90	1218	"	75	661	*	21.0	625	28	GJC	" "
08/07/90	1223	"			*	21.0	625	36	GJC	" "
08/07/90	1229	"			*	21.5	625	28	GJC	" "
08/07/90	1235	"			*	24	625	16	GJC	" "
08/08/90	1-27	Pump	80	741	*	24	620	18	MGC	Clear; minor amount of silt present
08/08/90	1031	"			*	24	640	13	MGC	" "
08/08/90	1035	"			*	25	630	24	MGC	" "
08/08/90	1040	"			*	26	650	28	MGC	" "
08/08/90	1044	"			*	27	650	17	MGC	" "
08/08/90	1047	"			*	27.5	680	12	MGC	" "
08/09/90	1029	Pump	45	786	*	24	625	13.5	MGC	" "
08/09/90	1033	"			*	24	645	13.5	MGC	" "
08/09/90	1038	"			*	26	650	19	MGC	Slightly cloudy
08/10/90	1242	"	0	786	*	-	-	-	JFK	" "

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08/10/90	1244	Pump	8	794	*	24	650	12.0	JFK	Yellowish tint,no visible turbidity
08/10/90	1246	"	8	802	*	23	620	11.5	JFK	" "
08/10/90	1248	"	8	810	*	23.5	620	11.2	JFK	" "
08/10/90	1251	"	12	822	*	24.0	610	11.4	JFK	"
08/10/90	1253	"	8	830	*	23.5	640	10.4	JFK	" "
08/10/90	1254	"	4	834	*	-	-	-	MGC	Discharge slows. Turn pump off.
08/14/90	1341	"	87	921	*	-	-	-	MGC	Discharge clear. No parameters taken. Problems with pump. Pulled pump.

*pH meter not available for use