MONITOR WELL DEVELOPMENT

WELL: 700-F-455

Water Level
pre-development 393.58'
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T ℃	Cond	Turbidity (NTU)	Initials	Comments
10/29/90	0930	Surge & bail	5/bail	125	-	-	-	-	JFK	Surge and bail 25 times. Water slightly turbid and soapy.
11/06/90	1535	"	"	235	-	-	-	-	MGC	Surge and bail 22 times. Water murky.
11/12/90	1113	"	"		8.01	19.5	1170	24	DM	Surge and bail 15 times, set 1 1/2 HP submersible pump at 441'.
11/12/90	1124	"	"		7.98	19.5	1180	42	DM	
11/12/90	1142	"	"		7.99	25	1180	67	DM	
11/12/90	1159	"	"		8.01	24.5	1160	59	DM	
11/12/90	1212	"	"	310	8.00	24.5	1100	57	DM	
11/19/90	1410	Pump	110	420	7.6	24.0	1125	14	MGC	Pump at 10 gpm for 10 min; 2 min at 5 gpm. Soapy.
11/26/90	1419	"			8.8	21.5	1050	>100	DM	Cloudy but clears up after several min. Pump at 10 gpm for 1 min to adjust valve and pump 5 gpm for 20 min.
11/26/90	1423	"			8.1	22	1080	9.5	DM	
11/26/90	1428	"			8.1	22	1090	12	DM	
11/26/90	1432	"			8.0	22	1080	9.5	DM	
11/26/90	1436		110	530	8.1	22.5	1020	12.5	DM	

Water Level
pre-development 393.58' GL
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Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T °C	Cond	Turbidity (NTU)	Initials	Comments
12/06/90	1207	Pump	102	632	9.0	21	1010	42	DM	Pump at approximately 6 gpm for approximately 17 minutes. 5 g/50 sec. Pumped it dry.
12/06/90	1212	"			8.6	23	1030	14	DM	
12/06/90	1216	"			8.6	23	1020	12	DM	
12/06/90	1219	"			8.5	23	1030	11	DM	
12/17/90	1505	"	100	732	9.1	19	980	42	DM	Pumped 20 min @ 5 gpm. Still slightly cloudy.
12/17/90	1509	"			8.8	21	1010	26	DM	
12/17/90	1512	"			8.9	20	950	22	DM	
12/17/90	1517	"			8.9	20	930	17	DM	
01/09/91	1249	"	126	858	9.7	21	930	66	DM	Still slightly cloudy. Pumped 21 min at 5 g/50s. = 6 gpm.
01/09/91	1253	"			9.5	21	1010	21	DM	
01/09/91	1257	"			9.6	22.5	990	19	DM	
01/09/91	1300	"			9.5	23	1020	18	DM	
01/09/91	1304	"			9.5	22.5	1010	17	DM	
01/14/91	1434	"	100	958	9.0	19	1000	33	DM	Samples slightly cloudy but clear after standing for a few minutes.
01/14/91	1440	"			8.5	19.5	1060	13	DM	Pumped at 5 gpm for 20 min.

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01/14/91	1444	Pump			8.5	21.5	1050	10.5	DM	
01/14/91	1448	"			8.6	22	1050	10	DM	
01/18/91	1147	"	90	1048	8.8	20	1020	13.5	DM	Pumped at 5 gpm for 18 min.
01/18/91	1150	"			8.8	21	1040	11	DM	
01/18/91	1153	"			8.4	22	1060	3.6	DM	Recalibrate for 10 NTu scale.
01/18/91	1156	"			8.4	23	1070	3.4	DM	
01/18/91	1159	"			8.5	23	1070	3.9	DM	
01/23/91	1240	Submer-sible Pump	95	1143	-	-	-	4.2		Pumped to verify turbidity < 5 NTu's.
01/23/91	1243							4.2		
01/23/91	1247							4.6		
01/31/91	1507		110	1253	-	-	-		DM	Pumped dry at 5 gpm, pulled pump, well completed.