MONITOR WELL DEVELOPMENT

WELL: BW-3-180

Water Level
pre-development_____
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T C	Cond	Turbidity	Initials	Comments
8/24/88	1000	Bail	40	40	--	--	--	very silty and muddy	PSE	Bailed 10 times. Bailed hole dry.
8/25/88	935	Bail	35	75	--	--	--	silty	PSE	Bailed 8 times. Bailed hole dry.
8/26/88	1017	Pump	-	75	--	--	--	slightly silty then cloudy	PSE	Set air-lift pump at top of screen. Pump rate = 1/2 gal/per 2 min. (.25 GPM)
8/26/88	1040	Pump	5.75	80.75	--	--	--	--	PSE	Discharge extremely low. Add 42' of tremie pipe. Pump at 222'.
8/26/88	1108	Pump	--	80.75	--	--	--	cloudy	PSE	Start pump. Pump rate = 1/2 gal/ 3 1/2 min. (.14 GPM)
8/26/88	1120	Pump	1.7	82.5	7.25	25	1320	cloudy	PSE	.14 GPM
8/26/88	1315	Pump	7.7	90.2	--	--	--	--	PSE	Pump well dry. Cut pump and let well recover overnight.
8/27/88	1205	Pump	--	90.2	--	--	--	--	PSE	Start pump. Pump rate = .14 GPM.
8/27/88	1505	Pump	25.7	115.9	--	--	--	--	PSE	Well dry, stop pump.
8/31/88	919	Pump	--	115.9	--	--	--	--	PSE	Start pump. Pump rate = . 14 GPM.
8/31/88	924	Pump	.7	116.6	7.65	22	1300	clear	PSE	.14 GPM.
8/31/88	1147	Pump	20.4	137.0	8.15	26	1400	clear	PSE	Cut pump. Let well recover.
8/31/88	1445	Pump	--	137.0	7.85	28	1450	clear	PSE	Start pump (.14 GPM)

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Water Level
pre-development_____
post-development_____

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8/31/88	1723	pump	22.1	159.1	--	--	--	--	PSE	Cut pump. Let well recover.
9/1/88	901	pump	--	159.1	7.45	22	1300	clear	PSE	Start pump. (.14 GPM).
9/1/88	1056	pump	16.1	175.2	7.95	22	1400	clear	PSE	.14 GPM.
9/1/88	1150	pump	7.56	182.8	--	--	--	--	PSE	Cut pump.
9/7/88	1501	pump	--	182.8	--	--	--	--	PSE	Start pump. (.125 GPM).
9/7/88	1511	pump	1.25	184.1	7.85	24	1390	clear	PSE	.125 GPM.
9/7/88	1614	pump	7.88	199.9	7.80	25	1350	clear	PSE	.125 GPM.
9/7/88	1700	pump	5.75	205.7	--	--	--	clear	PSE	.125 GPM. Cut pump.
9/8/88	1014	pump	--	205.7	--	--	--	--	PSE	Start pump. .125 GPM
9/8/88	1258	pump	20.5	226.2	8.15	28	1490	clear	PSE	.125 GPM.
9/8/88	1302	pump	.5	226.7	--	--	--	--	PSE	Cut pump. Have pumped greater than twice the volume of water introduced into formation. Well developed according to monitor well development guidelines.