MONITOR WELL DEVELOPMENT

WELL: BIM-23-431

Water Level
pre-development: 316.65
post-development_____

Date	Time	Method	Delta Volume (gallons)	Total Volume (gallons)	pH	T°C	Cond	Turbidity (NTU)	Initials	Comments
06/26/90	0934	Bail	6	6					JK	Initially turbid, slightly soapy
06/26/90	0938		18	24						Slightly turbid. pH meter inoperable
06/26/90	0941		6	30						
06/26/90	0945		6	36						
06/26/90	0947		6	42						Clear, slightly soapy
06/26/90	0952		6	48						Clear, slightly soapy
06/26/90	0957		6	54						Clear, slightly soapy
06/26/90	1308		6	60	/	28.6	720	85	JK	1306 SWL at 407.46
06/26/90	1314		6	66						
06/26/90	1317		6	72	/	27.0	1300	Off scale (> 100)		Slightly turbid
06/26/90	1319		6	78						Water very turbid
06/26/90	1321		6	84	/	26.1	1220	Off scale		Slightly turbid
06/26/90	1324		2	86						
06/27/90	0912		6	92	/	25.5	1320	18	JK	SWL = 404.95 from T.O.C. water is clear
06/27/90	0916		6	98	/	25	1220	Off scale		Turbid
06/27/90	0919		6	104	/	24.5	1280	Off scale		Turbid

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06/27/90	0922	Bail	6	110	/	24.5	1250	Off scale		Turbid
06/27/90	0924	Bail	5	115	/	24.5	1260	Off scale	JK	(NTU >100) very turbid
06/27/90	0927	Bail	5	120	/	23.5	1190	Off scale	JK	Very turbid
06/27/90	0930	Bail	3	123	/	24	1280	Off scale	JK	Very turbid
06/27/90	0933	Bail	2	125	/	24	1280	Off scale	JK	Very turbid
06/27/90	0935	Bail	2	127	/					Extremely turbid
06/27/90	0938	Bail	2	129	/					Extremely turbid
06/28/90	1020	Bail	6	135	/	25	1280	1.8	JK	SWL=334.60 clear
06/28/90	1028	Bail	6	141						Turbid (slightly)
06/28/90	1031	Bail	6	147	/	24	1230	Off scale	JK	
06/28/90	1032	Bail	6	153						Turbid (slightly)
06/28/90	1035	Bail	6	159	/	23.5	1220	Off scale		Turbid (slightly)
06/28/90	1036	Bail	6	165						Turbid (slightly)
06/28/90	1039	Bail	6	171						Turbid (slightly)
06/28/90	1042	Bail	6	177	/	24.5	1220	Off scale	JK	Turbid (slightly)
06/28/90	1045	Bail	6	183						
06/28/90	1048	Bail	6	189	/	24	1230	Off scale	JK	Turbid

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06/28/90	1050	Bail	6	195	/	24	1230	Off scale	JK	Turbid (slightly)
06/28/90	1055	Bail	12	207	/	/	/	/	JK	Turbid
06/28/90	1058	Bail	6	213	/	24.5	1210	Off scale (> 100)	JK	Very turbid
06/28/90	1101	Bail	3	216	/	/	/	/	JK	Very turbid
06/28/90	1103	Bail	4	220	/	24.5	1270	Off scale	JK	Very turbid
06/28/90	1109	Bail	7	227	/	/	/	/	JK	Very turbid
06/28/90	1112	Bail	3	230	/	25	1250	Off scale	JK	SWL=396.5 (T.O.C.) coming up fast
06/29/90	1122									Begin SWL=316.7. Submersible pump intake set at 421'. Discharge rate = 10 GPM
06/29/90	1125	Pump	24	254		27	1300	Inoperable		Discharge = 8 GPM PH/turbidity meters inoperable
06/29/90	1130	"	40	294	/	25	1220	Inoperable		Clear water
06/29/90	1133	"			/			Inoperable		No discharge - turn pump off
06/29/90	1144				/			Inoperable		Turn pump on
06/29/90	1146		10	295	/	27	1220	Inoperable		Discharge begins
06/29/90	1148	"	15	310						Discharge stops. Turn pump off
07/02/90	0825	"	0	310	/	26	1190	Off scale	JK,DM	Turn pump on: 0823:45. Discharge begins: 0825:35

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07/02/90	0827:35	Bail	10	320	/	24	1250	8		Discharge = 5 gal/32 sec
07/02/90	0829:10	Bail	15	335	/	23.5	1220	9		Began turbid then cleared up
07/02/90	0830:40	Bail	25	360	/	23.0	1220	11		After 5 gallons
07/02/90	1348:00	Pump	0	360	/	25	1150	56	JK	1346:00 Pump on 1348 Discharge. Discharge = 5gal/30 sec
07/02/90	1350	"	30	390	/	23	1225	8.2	JK	
07/02/90	1352	"	20	410	/	23	1200	8.5	JK	1353: Pump off
07/03/90	0940	"	0	410	/	23	1140	Inoperable		0938:30 Pump on. 0940:25 Discharge (clear water)
07/03/90	0941	"	10	420	/	23	1210	Inoperable	JK	Discharge = 10GPM
07/03/90	0943	"	20	440	/	22.5	1190	Inoperable	JK	
07/03/90	0949	"	10	450	/	23	1200	Inoperable	JK	
07/03/90	0945	"	10	460	/	23	1190	Inoperable	JK	0945:50 - discharge stops
07/03/90	1559	"	0	460	/	28	1150	31	JK	1537:30 Pump on. 1559:40 Discharge begins (clear water)
07/03/90	1601	"	20	480	/	25	1150	16	JK	
07/03/90	1603	"	20	500	/	24	1210	19	JK	

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07/03/90	1604	Pump	10	510	/	24	1200	31	JK	
07/03/90	1605	"	10	520	/	23.5	1200	30	JK	1605:00 Discharge stops
07/05/90	0901	"	0	520	/	22.5	1150	6.0	JK	0900:00 Pump on. 0901:28 Discha begins. Discharge = 10GPM
07/05/90	0903	"	20	540	/	22.5	1200	5.5	JK	Water very clear
07/05/90	0905	"	20	560	/	22.5	1090	5.0	JK	
07/05/90	0907	"	20	580	/	22.5	1190	6.0	JK	0907 Pump off - no discharge
07/05/90	1509	"	0	580	/	25	1190	Inoperable	JK	1508 Pump on. 1509 Discharge begins. Discharge = 109 GPM
07/05/90	1511	"	15	595	/	23.5	1190	Inoperable	JK	Water very clear
07/05/90	1513	"	15	610	/	23.0	1220	Inoperable	JK	Water very clear
07/05/90	1514	"	15	625	/	23.0	1220	Inoperable	JK	Water very clear
07/05/90	1515	"	15	640	/	23.0	1190	Inoperable	JK	Discharge stops; pump off: 1515
07/09/90	1306	"	0	640	/	26.0	1150	10		1304:20 Pump on 1306:07 Discharge begins
07/09/90	1306	"	20	660	/	24.0	1210	7.8		Discharge = 10GPM
07/09/90	1309	"	10	670	/	24.0	1210	7.5		
07/09/90	1311	"	30	700	/	24.0	1210	9.0		1311:30 Discharge stops. Pump off. Well developed.