

APPENDIX 4—Water level measurements

To calculate water level elevation (see info. in Appendix 1):
Elevation of well site - Depth to water below ground surface

Data Source Codes

CODE	MEANING
A	Reported by another agency
C	Work completed by contractor for Bureau
D	From driller's log or well report
G	Private geologist, consultant or univ associate
L	Depth interpreted fr geophys logs by source agency
M	Memory of owner, operator, driller
O	Reported by owner of well
R	Reported by person other than driller owner agency
S	Measured by Bureau
Z	Other (explain in notes)
A	Reported by another agency

Measurement Method Codes

CODE	MEANING
A	Airline measurement
B	Analog or graphic recorder
C	Calibrated airline measurement
E	Estimated
F	Transducer
G	Pressure-gage measurement
H	Calibrated pressure-gage measurement
L	Interpreted from geophysical logs
O	Sonic water level meter
R	Reported, method not known

Elevation of well + Height of measuring point - Depth to water

Level Status Codes

CODE	MEANING
A	Water level affected by atmospheric pressure
D	Site was dry
O	Obstruction was encountered in the well (no level recorded)
P	Site was being pumped
R	Site was pumped recently
S	Nearby site that taps the same aquifer was being pumped
T	Nearby site that taps the same aquifer was pumped recently
V	Foreign substance present on the water surface
X	Water level affected by stage in nearby surface-water site
Z	Other conditions exist that would affect the level (remarks)
A	Water level affected by atmospheric pressure
D	Site was dry
O	Obstruction was encountered in the well (no level recorded)
P	Site was being pumped

Formations

CODE	MEANING
050QUAL	Quaternary Alluvium in valleys
112QTBF	Quaternary-Tertiary basin fill (not in valleys)
120IRSV	Tertiary Intrusives
120TSBV_Lower	Tertiary Sierra Blanca area lower volcanic unit (Hog Pen Fm)
120TSBV_Upper	Tertiary Sierra Blanca area upper volcanic unit (above Hog Pen Fm)
180TKSCC_Upper	Tertiary-Cretaceous, Sanders Canyon, Cub Mtn. and upper Crevasse Canyon Fm
210GLUPC_Lower	K Gallup Sandstone and lower Crevasse Canyon Fm
210MNCS	K Mancos undivided
212KTRP	K Dakota Sandstone, Moenkopi Fm, Artesia Group
260SNAN	P San Andres
310ABO	P Abo
320HLDR	Penn Holder
322BEMN	Penn Beeman
325GBLR	Penn Gobbler

APPENDIX 4A—Wells with water level measurement

Point ID	OSE Well Record ID	Altitude (ft ASL)	UTM Easting	UTM Northing	Well Depth (ft)	Height of Measurement Point (ft)	Formation
SM-0001	X	6829	425532	3617549	100	2.08	310ABO
SM-0028	T-1414	7241	423989	3642203	120	0.67	310ABO
SM-0029	T-2470	6099	421203	3650539	130	1.01	320HLDR
SM-0030	T-3034	6884	421385	3644503	455	0.75	325GBLR
SM-0031	T-3117	6747	421525	3645073	680	0.69	325GBLR
SM-0032	T-3948	6721	422587	3645221	120	1.10	325GBLR
SM-0033	T-4018	6726	422691	3645226	80	1.08	325GBLR
SM-0034	T-4389	6878	426646	3617211	300	1.00	310ABO
SM-0035	T-4443	7092	420432	3625055	185	2.00	322BEMN
SM-0036	T-4695	7274	421216	3625376	330	1.19	322BEMN
SM-0037	T-565	5697	418745	3651181	82	0.90	050QUAL
SM-0073	T-5008	6787	425461	3617548	220	2.00	325GBLR
SM-0252	T-3977	5941	419115	3653283	160	1.00	310ABO
SM-0253	T-3309	6716	422875	3644974	100	1.50	050QUAL
SM-0255	X	6478	425863	3616144		1.00	325GBLR
TB-0001	T-1283	5502	414805	3663276	500	1.00	310ABO
TB-0002	X	6676	422350	3652484	120	1.50	310ABO
TB-0003	X	6635	422227	3652640	66	1.00	310ABO
TB-0005	T-63	6545	422319	3652116	24	0.50	050QUAL
TB-0006	T-25 AA	4522	405269	3661640	440	1.94	112QTBF
TB-0008	T-5424	4600	406824	3661354	380	0.86	112QTBF
TB-0012	T-3227	6296	434100	3716936	64	0.50	180TKSCC_Upper
TB-0015	X	5734	416169	3663114		2.00	310ABO
TB-0017	T-5299	5890	416068	3669782	585	1.20	310ABO
TB-0018	T-2025	6095	418499	3670756	400	0.50	310ABO
TB-0020	X	6444	434473	3713353	50	1.40	050QUAL
TB-0021	X	6459	434563	3713343	100	1.50	120TSBV_Lower
TB-0022	X	7229	435458	3706524		0.55	180TKSCC_Upper
TB-0023	X	5385	418174	3723913	87	0.00	210GLUPC_Lower
TB-0024	T-2022	4556	401667	3681938	586	1.40	112QTBF
TB-0025	T-2023	4517	400296	3683906	498	0.70	112QTBF
TB-0029	T-2017	4521	401118	3681714	724	0.30	112QTBF
TB-0032	T-2020	4574	401759	3683043	424	0.60	112QTBF
TB-0034	X	5972	431023	3720187		0.50	112QTBF
TB-0035	X	5973	431014	3720122		0.70	112QTBF
TB-0036	X	5966	430716	3719961		0.25	112QTBF
TB-0037	X	5873	429185	3720985	93	3.05	112QTBF
TB-0038	X	5785	426625	3721348		0.70	180TKSCC_Upper
TB-0039	X	5953	430491	3720098	120	0.25	112QTBF
TB-0040	T-3811	5953	430505	3720096	150	0.85	112QTBF
TB-0042	T-412	6485	434463	3712825	100	1.00	120TSBV_Lower
TB-0043	T-412S	6518	434579	3712639	85	1.95	120TSBV_Lower
TB-0044	X	4548	405667	3661103	375	0.00	112QTBF
TB-0045	T-1296 POD2	5068	415552	3648800	100	0.57	050QUAL
TB-0047	T-3418	4524	405254	3661391	300	0.10	112QTBF
TB-0048	T-1130	4527	408116	3652363	320	1.96	112QTBF
TB-0050	X	7266	434587	3709385		1.50	180TKSCC_Upper
TB-0051	T-4147	7285	433723	3709127	280	2.00	180TKSCC_Upper
TB-0053	X	6622	434166	3712314		1.83	120TSBV_Lower
TB-0054	T-211 POD 4	4475	407522	3651024	345	2.34	112QTBF
TB-0055	X	4474	407516	3650959	325	0.25	112QTBF
TB-0056	T-442 S-15	4585	400771	3686941	518	0.50	112QTBF
TB-0057	T-442 S-4	4580	400392	3687006	512	1.16	112QTBF
TB-0058	T-442 S-19	4667	401575	3688079	350	1.79	212KTRP

Point ID	OSE Well Record ID	Altitude (ft ASL)	UTM Easting	UTM Northing	Well Depth (ft)	Height of Measurement Point (ft)	Formation
TB-0059	T-442 S-12	4806	403882	3688491	1080	1.41	210MNCS
TB-0060	T-442 S-11	4806	403882	3688484	160	1.30	050QUAL
TB-0062	T-442 S	4950	406106	3689433	200	1.00	050QUAL
TB-0066	T-442 S-17?	5451	412514	3692703	404	1.80	050QUAL
TB-0068	T-1547	5438	412290	3692671	200	0.55	050QUAL
TB-0070	T-2651	6337	417478	3696072	220	1.52	120TSBV_Lower
TB-0071	T-3837	4589	403181	3675079		1.97	112QTBF
TB-0073	X	4952	408101	3674073		1.13	120IRSV
TB-0074	T-3845	4663	404430	3675023	340	1.80	112QTBF
TB-0075	T-1933?	4664	404439	3675027	500	0.50	112QTBF
TB-0076	X	4798	403862	3678689	517	1.00	260SNAN
TB-0077	X	4819	405346	3679005		2.80	260SNAN
TB-0080	T-3909	4212	404974	3639287	140	0.45	112QTBF
TB-0081	X	4205	403959	3639956		2.20	112QTBF
TB-0082	X	4206	404028	3639936	290	1.65	112QTBF
TB-0083	X	4212	404016	3640399	300	1.45	112QTBF
TB-0084	X	4214	404045	3640599	295	1.50	112QTBF
TB-0085	X	4220	403999	3640809	310	1.20	112QTBF
TB-0086	X	4226	404041	3641131	290	1.80	112QTBF
TB-0087	X	4224	403505	3641487	320	2.25	112QTBF
TB-0088	T-146	4226	403115	3642807	110	0.65	112QTBF
TB-0091	T-3245	4328	406684	3643831	190	0.35	112QTBF
TB-0092	T-1167	4298	404944	3644413	170	1.30	112QTBF
TB-0093	T-531	7230	434765	3709643	116	0.90	180TKSCC_Upper
TB-0094	T-1111	7264	434613	3709464	200	1.20	180TKSCC_Upper
TB-0095	H-3618	7246	433843	3709243	130	1.10	180TKSCC_Upper
TB-0096	X	7285	433890	3709363	125	1.20	180TKSCC_Upper
TB-0097	T-506	5492	418954	3722038	130	0.00	180TKSCC_Upper
TB-0098	X	5490	418884	3722069	150	0.25	180TKSCC_Upper
TB-0100	T-969	5305	416802	3724830	100	0.20	210GLUPC_Lower
TB-0101	T-4770	5303	416890	3724877	100	1.25	210GLUPC_Lower
TB-0102	T-3352	5236	414615	3726809	150	0.10	212KTRP
TB-0103	T-3585	5231	414590	3726763	90	0.00	120IRSV
TB-0104	T-1901-S	7254	430939	3710057	96	2.08	120TSBV_Upper
TB-0105	T-1901	7203	431057	3710039	420	1.90	120TSBV_Upper
TB-0106	T-5170 POD1	5343	416568	3723647	136	2.05	210GLUPC_Lower
TB-0107	T-5624 POD1	5849	429342	3724495	500	3.00	210GLUPC_Lower
TB-0108	X	6465	434495	3713137	60	1.42	050QUAL
TB-0109	X	5972	431148	3720440		0.80	112QTBF
TB-0110	T-2762	5971	431136	3720433	148	0.25	112QTBF
TB-0111	X	5025	401989	3705340	120	0.70	210GLUPC_Lower
TB-0112	X	5024	401951	3705435		0.45	210GLUPC_Lower
TB-0113	X	5382	415828	3720705		0.95	210GLUPC_Lower
TB-0116	T-1031 S	5006	401698	3705198	250	1.00	210GLUPC_Lower
TB-0117	T-2083	4675	397722	3708600	300	1.25	212KTRP
TB-0118	T-4471	5405	416625	3721997	160	0.16	210GLUPC_Lower
TB-0119	X	5471	419375	3722756	300	0.20	180TKSCC_Upper
TB-0120	X	5465	419280	3722805	102	1.32	180TKSCC_Upper
TB-0121	X	5507	419377	3721954	110	1.05	180TKSCC_Upper
TB-0122	T-3692	5519	419846	3721904	100	1.47	180TKSCC_Upper
TB-0124	X	5563	421310	3722282		1.90	180TKSCC_Upper
TB-0125	X	5183	404403	3705198	100	0.65	180TKSCC_Upper
TB-0126	X	5192	404419	3705235	200	1.16	180TKSCC_Upper
TB-0127	T-4201	4897	399502	3705654	140	0.66	112QTBF

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TB-0128	T-4898	4908	399791	3705691	140	1.40	112QTBF
TB-0129	T-273	5226	404790	3705348	65	0.81	180TKSCC_Upper
TB-0130	T-273 S	5233	404786	3705374	120	2.72	180TKSCC_Upper
TB-0131	T-2079 S	5464	408071	3706050	100	0.00	112QTBF
TB-0132	T-3348	5332	405919	3706521	55	0.90	180TKSCC_Upper
TB-0133	T-2078	5286	404968	3706621	123	1.00	180TKSCC_Upper
TB-0134	T-2343	5165	404294	3704417	60	1.70	112QTBF
TB-0136	T-490 S-4	5861	429175	3721260	147	1.10	112QTBF
TB-0137	X	4446	407096	3650150	300	0.00	112QTBF
TB-0138	T-4269	4276	409882	3635273	200	0.00	112QTBF
TB-0139	T-4426	4105	408802	3629621	242	1.25	112QTBF
TB-0140	T-2007 S	4094	411394	3623823	180	1.33	112QTBF
TB-0141	T-2007	4094	411403	3623795	200	1.10	112QTBF
TB-0142	T-3235	4487	401891	3670057	395	1.83	112QTBF
TB-0143	T-1556	6522	416035	3702978	221	2.73	180TKSCC_Upper
TB-0144	T-3232	6686	417892	3704027	140	0.57	120TSBV_Lower
TB-0145	T-262	6771	418144	3703942	97	0.17	120TSBV_Lower
TB-0146	T-1555	6136	414609	3704311	90	0.00	180TKSCC_Upper
TB-0147	T-1554	6022	410966	3701186	45	1.70	180TKSCC_Upper
TB-0149	T-1552	5845	412648	3697775		0.77	180TKSCC_Upper
TB-0150	T-1553	6167	413719	3699796		0.19	120TSBV_Lower
TB-0151	T-1550	5854	414087	3696924	56	0.88	120TSBV_Lower
TB-0152	T-1551	6237	415342	3699003	76	0.95	120TSBV_Lower
TB-0153	T-1541	5708	413205	3687754	60	1.30	180TKSCC_Upper
TB-0154	T-1542	5633	408435	3693987	210	1.00	120TSBV_Upper
TB-0155	X	4644	400753	3690208	200	1.20	212KTRP
TB-0156	T-1538	5367	406319	3695334	70	3.70	120TSBV_Upper
TB-0157	T-1537	4846	402003	3694326	140	1.45	120IRSV
TB-0159	X	5015	406629	3716393		0.70	210GLUPC_Lower
TB-0161	T-2060	6578	434453	3711985	70	1.30	050QUAL
TB-0162	T-511	6618	434489	3711823	125	0.60	120TSBV_Upper
TB-0163	X	6609	434449	3711768		1.30	050QUAL
TB-0164	X	6680	434450	3711131	240	0.60	050QUAL
TB-0165	X	6673	434414	3711061	60	2.65	120TSBV_Upper
TB-0166	T-5491	6649	434371	3711404	153	0.95	120IRSV
TB-0167	T-5490 POD1	6642	434358	3711442	176	2.00	120IRSV
TB-0168	T-272	6667	434487	3711342	140	1.53	120TSBV_Upper
TB-0169	X	6605	434388	3711689	60	1.22	120TSBV_Upper
TB-0170	T-5127 POD1	7064	432443	3709231	84	1.93	120TSBV_Upper
TB-0171	T-4345	5847	427256	3720584	300	0.30	180TKSCC_Upper
TB-0173	T-2191	5434	417415	3721889	148	1.30	210GLUPC_Lower
TB-0176	X	5414	416757	3721547	48	-5.50	112QTBF
TB-0179	X	5315	405225	3706244	300	1.40	180TKSCC_Upper
TB-0180	X	5309	405120	3706066	180	0.75	180TKSCC_Upper
TB-0181	X	5292	404927	3706201		0.60	180TKSCC_Upper
TB-0182	T-1930	5490	409901	3709188	162	1.90	180TKSCC_Upper
TB-0183	X	5493	411557	3711618	142	2.05	180TKSCC_Upper
TB-0185	T-1222	5685	418915	3717435	240	3.16	180TKSCC_Upper
TB-0186	T-1221	5615	418105	3718105	250	2.75	180TKSCC_Upper
TB-0188	T-1225	5445	414574	3714509	70	0.20	050QUAL
TB-0189	T-1224	5335	413006	3714002	100	2.04	180TKSCC_Upper
TB-0190	T-1226?	5678	416944	3713330	50	0.82	050QUAL
TB-0191	T-1228	6375	420518	3711063	100	0.45	112QTBF
TB-0192	T-1229	6460	417985	3706677	140	3.75	180TKSCC_Upper

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TB-0194	T-1215	5723	411513	3706535	100	0.00	120TSBV_Upper
TB-0196	T-1216	5205	404296	3702847	300	1.40	180TKSCC_Upper
TB-0198	T-1217	5584	407556	3702193	135	0.60	120TSBV_Upper
TB-0199	T-1219	5723	406653	3699724	140	1.20	120TSBV_Upper
TB-0200	X	5124	403690	3699223		0.50	120TSBV_Lower
TB-0203	T-4093	5531	423176	3725965	111	0.89	112QTBF
TB-0204	T-1758	5418	419506	3730371	50	0.50	210MNCS
TB-0205	T-1758 S	5421	419510	3730312	50	0.82	210MNCS
TB-0206	T-1759	5043	409095	3719607	120	0.75	210GLUPC_Lower
TB-0208	T-2965	5884	428019	3731876	305	0.60	210MNCS
TB-0209	T-3509	5628	423618	3730769	120	1.90	210GLUPC_Lower
TB-0210	T-3981	5637	421234	3738617	440	1.60	212KTRP
TB-0211	T-4093	5526	422743	3725792	170	0.55	180TKSCC_Upper
TB-0212	X	5615	420513	3739190	56	2.82	112QTBF
TB-0213	X	5882	427765	3731785	80	1.70	112QTBF
TB-0214	T-4183	6500	434450	3712681	300	1.55	120TSBV_Lower
TB-0215	X	5314	417133	3724947		1.20	112QTBF
TB-0217	X	5643	422708	3721336		1.50	210GLUPC_Lower
TB-0218	X	5581	419832	3720304		1.55	180TKSCC_Upper
TB-0219	X	5626	419875	3719595		0.00	180TKSCC_Upper
TB-0220	X	5634	420020	3719507		2.96	180TKSCC_Upper
TB-0221	X	5634	420027	3719517		1.06	180TKSCC_Upper
TB-0222	X	6806	424022	3713570		1.55	120TSBV_Upper
TB-0223	T-1378	6287	424270	3714997	200	0.75	120TSBV_Lower
TB-0224	X	6290	424243	3715224		0.44	120TSBV_Lower
TB-0225	X	6125	426186	3716722	180	0.00	120TSBV_Lower
TB-0226	X	6493	427752	3715683		0.65	120TSBV_Upper
TB-0227	T-5619 POD1	6943	431498	3710726	105	1.30	120TSBV_Upper
TB-0228	X	7210	430864	3710268		0.00	120TSBV_Upper
TB-0229	T-337	6251	433446	3715960	196	0.85	180TKSCC_Upper
TB-0230	T-772	6275	433003	3715742	102	1.35	120TSBV_Lower
TB-0233	T-333	6169	429206	3717403	200	1.53	120TSBV_Lower
TB-0234	X	6166	429270	3717412		1.00	120TSBV_Lower
TB-0236	T-1918	6674	430849	3714183	150	1.65	120TSBV_Upper
TB-0241	X	6275	433000	3715731		0.68	120TSBV_Lower
TB-0243	X	6536	433386	3734831	615	1.93	210GLUPC_Lower
TB-0245	T-4460-EXP1	4692	404308	3677264	1000	0.00	260SNAN
TB-0246	T-4661-EXP4	4483	401554	3676497	1010	0.00	112QTBF
TB-0247	T-5010-EXP	4585	403127	3675126	1000	0.00	112QTBF
TB-0248	T-4662-EXP	4692	404521	3674170	1093	0.00	112QTBF
TB-0249	T-255S	5836	428989	3722660	145	0.85	180TKSCC_Upper
TB-0250	T-255	5844	429144	3722626	200	1.20	180TKSCC_Upper
TB-0251	T-255-S2	5843	429068	3721798	80	1.05	112QTBF
TB-0253	X	5829	428920	3725191		1.00	210GLUPC_Lower

APPENDIX 4B—Wells with water level measurement

Point ID	Date Measured	DTW (ft bgs)	Level Status	Method	Source	Notes
SM-0001	11/17/2005	57.60	R	S	S	
SM-0001	12/9/2005	58.66	R	S	S	
SM-0001	2/21/2006	58.06	R	S	S	
SM-0001	4/6/2006	58.94	R	S	S	
SM-0001	6/15/2006	58.59	R	S	S	
SM-0001	8/8/2006	54.52	R	S	S	Average of 3 v. close measurements
SM-0001	10/19/2006	40.87		S	S	
SM-0001	12/12/2006	39.24		S	S	
SM-0001	2/14/2007	38.77		S	S	
SM-0001	4/18/2007	34.79		S	S	
SM-0001	6/12/2007	32.83		S	S	
SM-0001	8/23/2007	31.49		S	S	
SM-0001	10/16/2007	31.33		S	S	
SM-0001	12/14/2007	31.70		S	S	
SM-0001	2/15/2008	31.86		S	S	
SM-0001	3/13/2008	32.66		S	S	
SM-0001	4/14/2008	33.79		S	S	
SM-0001	5/22/2008	34.92		S	S	
SM-0001	6/17/2008	36.12		S	S	
SM-0001	7/16/2008	38.63		S	S	
SM-0001	8/12/2008	32.89		S	S	
SM-0001	9/16/2008	30.26		S	S	
SM-0001	10/16/2008	29.52		S	S	
SM-0001	12/19/2008	29.81		S	S	
SM-0001	2/13/2009	29.43		S	S	
SM-0001	4/16/2009	29.92		S	S	
SM-0028	12/22/2005	59.20		S	S	
SM-0028	2/8/2006	59.95	Z	S	S	average of three, bumping something in well
SM-0028	4/4/2006	59.27		S	S	
SM-0028	6/12/2006	59.52		S	S	
SM-0028	8/7/2006	59.46		S	S	
SM-0028	12/7/2006	56.54		S	S	
SM-0028	2/12/2007	53.30		S	S	
SM-0028	4/16/2007	50.63		S	S	
SM-0028	6/11/2007	49.74		S	S	
SM-0028	8/16/2007	49.57		S	S	
SM-0028	10/15/2007	49.58		S	S	
SM-0028	12/14/2007	49.59		S	S	
SM-0028	2/11/2008	49.70		S	S	
SM-0028	3/10/2008	49.78		S	S	
SM-0028	4/13/2008	49.89		S	S	
SM-0028	6/16/2008	49.43	P	S	S	
SM-0028	7/15/2008	50.40		S	S	
SM-0028	8/11/2008	50.05		S	S	
SM-0028	9/18/2008	50.13		S	S	
SM-0028	10/13/2008	49.96		S	S	
SM-0028	12/15/2008	49.13		S	S	
SM-0028	2/18/2009	48.75		S	S	
SM-0028	4/13/2009	48.87		S	S	
SM-0028	6/16/2009	49.18		S	S	
SM-0028	8/10/2009	49.43		S	S	
SM-0028	10/12/2009	49.79	R	S	C	Leak at wellhead/may be running on and off
SM-0028	12/14/2009	49.93		S	C	No leak? Lid on well box is not waterproof
SM-0028	2/18/2010	50.09		S	S	
SM-0028	4/13/2010	50.10		S	S	
SM-0028	6/23/2010	50.39		S	S	
SM-0028	8/11/2010	49.86		S	S	
SM-0028	10/11/2010	49.66		S	S	
SM-0028	12/20/2010	49.52		S	S	
SM-0028	2/16/2011	49.49		S	S	
SM-0029	2/8/2006	37.56		S	S	

APPENDIX 4B—Wells with water level measurement

SM-0029	4/4/2006	33.73		S	S	
SM-0029	6/12/2006	33.34		S	S	
SM-0029	8/7/2006	32.09		S	S	
SM-0029	10/12/2006	33.20		S	S	Owner home, using water more.
SM-0029	12/7/2006	34.43		S	S	
SM-0029	2/12/2007	36.44		S	S	
SM-0029	4/16/2007	31.04		S	S	
SM-0029	6/11/2007	33.50		S	S	
SM-0029	8/16/2007	32.85		S	S	
SM-0029	10/15/2007	34.89		S	S	
SM-0029	12/14/2007	37.21		S	S	
SM-0029	2/11/2008	36.96		S	S	
SM-0029	3/10/2008	35.88		S	S	
SM-0029	4/13/2008	33.24		S	S	
SM-0029	5/22/2008	30.10		S	S	
SM-0029	6/16/2008	32.97		S	S	
SM-0029	7/15/2008	34.89		S	S	
SM-0029	8/11/2008	33.08		S	S	
SM-0029	9/19/2008	32.04		S	S	
SM-0029	10/13/2008	33.77		S	S	
SM-0029	12/15/2008	35.33		S	S	
SM-0029	2/18/2009	36.12		S	S	
SM-0029	4/13/2009	28.71		S	S	
SM-0029	6/16/2009	33.49		S	S	
SM-0029	8/10/2009	28.64		S	S	
SM-0029	10/12/2009	32.87		S	C	
SM-0029	12/18/2009	30.45		S	C	
SM-0029	2/18/2010	33.41		S	S	
SM-0029	4/13/2010	27.71		S	S	
SM-0030	2/10/2006	44.97		S	S	
SM-0030	4/4/2006	52.39		S	S	
SM-0030	6/12/2006	70.77	R	S	S	Pump test run 5 day prior, and had been pumped hard that day.
SM-0031	11/8/2005	321.26	Z	S	S	average of two measurements
SM-0031	12/7/2005	298.43		S	S	average of two measurements
SM-0031	2/8/2006	287.45	R	S	S	probably was recovering from pumping
SM-0031	4/4/2006	320.43	Z	S	S	Well recovering - came up 1 ft/min with 3 readings (rept most recent)
SM-0031	6/12/2006	306.09	P	S	S	6pm. average of two measurements
SM-0031	8/7/2006	286.22		S	S	Well recovering 6:45pm
SM-0031	10/12/2006	203.38		S	S	3:30 pm
SM-0031	12/7/2006	245.00	R	S	S	meas. 2:50pm. Pumped at noon. NOT ON REG SCHEDULE LATELY.
SM-0031	2/12/2007	223.70		S	S	Pump turned on at 12pm, just after measuring
SM-0031	4/16/2007	219.91		S	S	
SM-0031	6/11/2007	220.19		S	S	
SM-0031	8/16/2007	209.63		S	S	
SM-0031	10/15/2007	324.21	R	S	S	Well recovering?
SM-0031	12/14/2007	451.64		S	S	
SM-0031	2/11/2008	273.39	R	S	S	Well recovering?
SM-0032	2/9/2006	47.02		S	S	
SM-0032	4/5/2006	47.06		S	S	
SM-0032	6/12/2006	48.01		S	S	
SM-0032	8/7/2006	50.21	R	S	S	Pump on and off several times.
SM-0032	10/12/2006	46.06		S	S	
SM-0032	12/7/2006	46.13		S	S	
SM-0032	2/12/2007	64.57	R	S	S	Pump on and off several times
SM-0032	4/16/2007	47.83	R	S	S	Highest of measurements before pump came back on
SM-0032	6/8/2011	32.05		S	S	Removed datalogger
SM-0033	2/9/2006	29.96		S	S	
SM-0033	4/5/2006	29.48		T	S	
SM-0033	6/21/2006	31.10		T	S	Installed data logger.
SM-0033	11/14/2006	27.87		T	S	Downloaded and reinstalled
SM-0033	5/11/2007	26.40		T	S	Downloaded and reinstalled
SM-0033	9/28/2007	30.02		T	A	Downloaded and reinstalled
SM-0033	2/6/2008	29.28		T	S	Downloaded and reinstalled

APPENDIX 4B—Wells with water level measurement

SM-0033	6/3/2008	30.47		T	S	Downloaded and reinstalled
SM-0033	10/13/2008	29.72		T	S	Downloaded and reinstalled
SM-0033	2/3/2009	28.77		T	S	Downloaded and reinstalled
SM-0033	8/10/2009	31.92		T	S	Data logger downloaded and reinstalled
SM-0033	12/18/2009	29.17		T	S	Data logger downloaded and reinstalled
SM-0033	3/5/2010	28.33		T	S	Data logger downloaded and reinstalled
SM-0033	7/13/2010	30.07		T	S	Data logger downloaded and reinstalled
SM-0033	10/29/2010	30.36		S	S	Downloaded and reinstalled data logger.
SM-0033	3/2/2011	29.82		S	S	Downloaded and reinstalled data logger.
SM-0034	11/10/2005	236.00	Z	S	S	average of two, numerous snags in well
SM-0034	12/12/2006	223.70		O	S	+ - 1 ft
SM-0034	4/18/2007	221.50		O	S	+ - 1 ft
SM-0034	6/12/2007	222.40		O	S	+ - 1 ft
SM-0034	10/16/2007	222.00		O	S	+ - 1 ft
SM-0034	12/14/2007	222.80		O	S	
SM-0034	2/15/2008	223.40		O	S	
SM-0034	3/13/2008	223.20		O	S	Sonic at 48 deg
SM-0034	4/14/2008	222.40		O	S	
SM-0034	6/17/2008	222.60		O	S	
SM-0034	7/16/2008	223.10		O	S	
SM-0035	11/9/2005	61.36		T	S	
SM-0035	12/22/2005	63.00		T	S	
SM-0035	1/12/2006	63.36		T	S	data logger installed
SM-0035	2/21/2006	64.60		T	S	Data logger downloaded, reinstalled.
SM-0035	6/20/2006	69.42		T	S	Data logger downloaded, reinstalled
SM-0035	11/13/2006	44.02		T	S	Data logger reinstalled
SM-0035	5/14/2007	47.44		T	S	Downloaded and reinstalled
SM-0036	11/9/2005	143.26		T	S	
SM-0036	12/22/2005	145.90		T	S	
SM-0036	1/12/2006	155.96		T	S	Data Logger installed.
SM-0036	6/20/2006	149.36		T	S	Data logger downloaded; reinstalled.
SM-0036	7/27/2006	153.17		T	S	Downloaded and reinstalled logger.
SM-0036	11/13/2006	53.44		T	S	Data logger reinstalled
SM-0036	5/14/2007	46.99		T	S	Downloaded and Removed.
SM-0037	2/8/2006	33.45		S	S	
SM-0037	4/4/2006	32.80		S	S	
SM-0037	6/12/2006	34.49	R	S	S	Pump had just shut off
SM-0037	8/7/2006	34.31		S	S	
SM-0037	10/12/2006	32.95		S	S	
SM-0037	12/7/2006	30.15		S	S	
SM-0037	2/12/2007	27.40		S	S	
SM-0037	4/16/2007	25.77		S	S	
SM-0037	6/11/2007	26.09		S	S	
SM-0037	8/16/2007	28.52		S	S	
SM-0037	10/15/2007	30.74		S	S	
SM-0037	12/14/2007	31.52		S	S	
SM-0037	2/11/2008	30.57		S	S	
SM-0037	3/10/2008	29.90		S	S	
SM-0037	4/13/2008	29.38		S	S	
SM-0037	6/16/2008	29.17	P	S	S	
SM-0037	7/15/2008	30.11		S	S	
SM-0037	8/11/2008	31.08		S	S	
SM-0037	9/19/2008	30.68		S	S	
SM-0037	10/13/2008	30.40		S	S	
SM-0037	12/15/2008	28.70		S	S	
SM-0037	2/18/2009	25.36		S	S	
SM-0037	4/13/2009	24.40		S	S	No repeat meas. b/c pump turned on
SM-0037	6/16/2009	26.65		S	S	
SM-0037	8/10/2009	28.27		S	S	
SM-0037	10/12/2009	28.70		S	C	
SM-0037	12/18/2009	27.15		S	C	
SM-0037	2/18/2010	24.90		S	S	
SM-0037	4/13/2010	24.02		S	S	

APPENDIX 4B—Wells with water level measurement

SM-0037	6/23/2010	26.15		S	S	
SM-0037	8/11/2010	28.60	R	S	S	well on off to measure
SM-0037	10/11/2010	30.33		S	S	
SM-0037	12/20/2010	29.03		S	S	
SM-0037	2/16/2011	26.45		S	S	
SM-0073	7/24/2006	202.00		T	A	
SM-0252	10/13/2008	63.50		S	S	
SM-0252	12/15/2008	64.14		S	S	
SM-0252	2/18/2009	64.06		S	S	
SM-0252	4/13/2009	64.89		S	S	
SM-0252	6/16/2009	64.99		S	S	
SM-0252	8/10/2009	65.20		S	S	
SM-0252	10/12/2009	65.13		S	C	
SM-0252	12/18/2009	64.64		S	C	
SM-0252	2/18/2010	63.49		S	S	
SM-0252	4/13/2010	64.91		S	S	
SM-0252	6/23/2010	65.27		S	S	
SM-0252	8/11/2010	64.03		S	S	
SM-0252	10/11/2010	65.01		S	S	
SM-0252	12/20/2010	64.80		S	S	
SM-0252	2/16/2011	64.62		S	S	
SM-0253	10/16/2008	2.29		S	S	
SM-0253	12/15/2008	2.18		S	S	
SM-0253	2/17/2009	3.16	R	S	S	WL fluctuation <0.5' with repeat measurements
SM-0253	4/13/2009	2.59	R	S	S	
SM-0253	6/16/2009	3.22		S	S	
SM-0253	8/10/2009	2.96		S	S	
SM-0255	2/13/2009	19.42		S	S	
SM-0255	4/16/2009	19.54		S	S	
SM-0255	12/19/2009	19.44		S	S	
TB-001	8/11/2009	47.45		S	S	
TB-002	8/10/2009	75.13		T	S	
TB-002	8/27/2009	74.98		T	S	Data logger installed.
TB-002	12/17/2009	74.90		T	S	Data logger downloaded and reinstalled
TB-002	3/5/2010	75.00		T	S	Data logger downloaded and reinstalled
TB-002	7/13/2010	74.90		T	S	Data logger downloaded and reinstalled
TB-002	10/29/2010	75.10		S	S	Downloaded and reinstalled data logger.
TB-002	3/2/2011	75.00		S	S	Downloaded and reinstalled data logger.
TB-002	6/8/2011	74.89		S	S	Data logger removed.
TB-003	8/10/2009	59.46		T	S	
TB-005	8/10/2009	6.42		T	S	
TB-006	8/11/2009	174.28		S	S	
TB-006	10/13/2009	174.69		S	C	Well idle/hay on ground
TB-006	12/14/2009	170.05		S	C	
TB-006	2/18/2010	167.10		S	S	
TB-006	4/18/2010	167.98	S	S	S	WL Fluctuating, well was on/off 1200 ft away
TB-006	6/23/2010	175.94	S	S	S	area under heavy irrigation for season
TB-006	8/11/2010	178.03		S	S	
TB-006	10/13/2010	175.09		S	S	no irrigation in area hay on ground
TB-006	12/20/2010	170.66		S	S	
TB-006	2/16/2011	167.28		S	S	
TB-006	4/19/2011	171.86		S	S	Irrigation off 4/18.
TB-006	6/15/2011	177.71	S	S	S	Field across road being irrigated
TB-008	10/16/2009	239.59		S	C	
TB-008	12/14/2009	238.74		S	C	Tape wet, hard to attain accurate read, estimate
TB-008	2/18/2010	236.20		S	S	Tape spotty but got good cut
TB-008	4/18/2010	236.64		S	S	
TB-012	6/30/2009	61.60		T	S	
TB-012	8/12/2009	62.31		T	S	
TB-012	10/17/2009	63.02		S	C	
TB-012	12/20/2009	63.48		S	C	
TB-012	2/27/2010	63.76		S	S	
TB-012	4/21/2010	63.90		S	S	Bottom of well or obstruction @ 70'

APPENDIX 4B—Wells with water level measurement

TB-012	6/15/2010	63.90		S	S	
TB-012	8/13/2010	63.93		S	S	
TB-012	10/12/2010	63.74		S	S	
TB-012	1/2/2011	64.30		S	S	
TB-012	2/18/2011	64.38		S	S	
TB-012	4/20/2011	64.53		S	S	Well pumped dry during previous week
TB-012	6/14/2011	65.07		S	S	
TB-015	8/11/2009	35.65		S	S	
TB-015	10/13/2009	34.88		S	C	
TB-015	12/17/2009	35.06		S	C	
TB-015	2/26/2010	35.20		S	S	
TB-015	4/18/2010	34.74		S	S	
TB-015	6/22/2010	35.56		S	S	
TB-015	8/23/2010	34.79		S	S	
TB-015	10/13/2010	35.44		S	S	
TB-015	12/22/2010	35.34		S	S	
TB-015	3/1/2011	35.51		S	S	
TB-017	10/13/2009	156.14		S	C	Sonic not accurate
TB-017	12/17/2009	157.30		S	C	
TB-017	2/26/2010	155.54		S	S	
TB-017	4/18/2010	155.75		S	S	
TB-017	6/22/2010	156.75		S	S	
TB-017	8/23/2010	156.30		S	S	
TB-017	10/13/2010	160.34		S	S	well pumped heavily October 6
TB-017	12/22/2010	157.00		S	S	
TB-017	4/17/2011	157.34		S	S	
TB-017	6/15/2011	156.73		S	S	
TB-018	8/11/2009	330.72	R	S	S	Well had been running, recovering
TB-018	10/13/2009	330.50		S	C	
TB-018	12/18/2009	333.30	R	S	C	Well off for two days but may still be recovering
TB-018	2/26/2010	310.83		S	S	Well off for 2 months
TB-018	4/18/2010	330.90	R	S	S	Well has been running for two months,off 2 days
TB-018	8/23/2010	330.13		S	S	well off for 11 days
TB-018	10/13/2010	333.24		S	S	well on continuously for previous month off on10/6
TB-018	12/22/2010	327.98		S	S	
TB-018	3/1/2011	329.47		S	S	
TB-018	4/16/2011	338.04		S	S	Well off for 4 days.
TB-018	6/15/2011	337.53		S	S	
TB-020	6/30/2009	20.70		S	S	
TB-020	8/12/2009	21.12		S	S	Not repeated, pump came on between measurements.
TB-020	10/14/2009	22.87		S	C	
TB-020	12/16/2009	23.13		S	C	Well off since 10/09
TB-020	2/19/2010	23.08		S	S	
TB-020	4/23/2010	16.60		S	S	
TB-020	6/14/2010	16.85		S	S	
TB-020	8/13/2010	18.75	X	S	S	creek running nearby
TB-020	10/12/2010	19.38		S	S	
TB-020	1/2/2011	20.31		S	S	
TB-020	2/18/2011	19.73		S	S	
TB-020	4/19/2011	18.27		S	S	
TB-020	6/15/2011	22.07		S	S	
TB-021	6/30/2009	33.84		S	S	
TB-021	8/12/2009	35.52		S	S	
TB-021	10/14/2009	37.19		S	C	
TB-021	12/16/2009	39.69		S	C	
TB-021	2/19/2010	37.17		S	S	
TB-021	4/23/2010	30.11		S	S	
TB-021	6/14/2010	29.07		S	S	
TB-021	8/13/2010	31.73		S	S	
TB-021	10/12/2010	32.57		S	S	
TB-021	1/2/2011	32.89		S	S	
TB-021	2/18/2011	32.14		S	S	
TB-021	4/19/2011	30.75		S	S	

APPENDIX 4B—Wells with water level measurement

TB-021	6/15/2011	35.45		S	S	
TB-022	6/30/2009	63.50		S	S	
TB-022	8/12/2009	64.84		S	S	
TB-022	10/14/2009	65.05		S	C	
TB-023	6/30/2009	29.66		S	S	
TB-023	8/12/2009	29.79		T	S	
TB-023	10/17/2009	29.95		T	C	
TB-023	12/22/2009	29.38		T	C	
TB-023	2/19/2010	29.03		S	S	
TB-023	4/15/2010	29.16		S	S	
TB-024	3/25/2009	230.70		O	S	
TB-024	8/31/2009	235.98		S	C	
TB-024	10/15/2009	235.98		S	C	
TB-025	3/25/2009	203.80		O	S	
TB-025	8/11/2009	207.10	X	S	S	Three Rivers arroyo flowing
TB-025	8/31/2009	206.60		T	C	
TB-025	10/15/2009	211.67	Z	S	C	Obstructions/tape drying quickly
TB-025	4/15/2010	205.70	X	O	S	Three Rivers arroyo flowing.
TB-025	6/22/2010	204.10		O	S	
TB-025	8/23/2010	210.20		O	S	
TB-025	10/13/2010	209.70		O	S	
TB-025	12/21/2010	413.50		O	S	Sonic reading at 56 degrees.
TB-025	4/17/2011	410.50	Z	O	S	Cannot get tape past 125 ft. Major obstructions in well.
TB-025	6/10/2011	203.90		O	S	
TB-029	8/27/2009	195.41		T	S	
TB-029	12/17/2009	195.40		T	C	
TB-029	2/22/2010	195.00		S	S	Multiple obstructions
TB-029	4/19/2010	195.40		T	S	
TB-029	6/22/2010	195.47		S	S	
TB-029	8/23/2010	195.39		S	S	
TB-029	10/13/2010	195.38		S	S	
TB-029	12/21/2010	195.40		S	S	
TB-029	2/17/2011	194.99		S	S	
TB-029	4/19/2011	195.32		S	S	
TB-029	6/10/2011	195.26		S	S	
TB-032	9/21/2009	238.77		S	S	
TB-034	7/24/2009	42.14		S	S	
TB-035	7/24/2009	40.65		S	S	
TB-035	8/12/2009	42.26		S	S	
TB-036	7/24/2009	45.50		S	S	
TB-036	8/12/2009	47.09		S	S	
TB-037	7/24/2009	39.86		T	S	
TB-037	8/27/2009	39.83		T	S	Data logger installed.
TB-037	12/17/2009	40.40		T	S	Data logger downloaded and reinstalled
TB-037	3/4/2010	41.02		T	S	Data logger downloaded and reinstalled
TB-037	7/12/2010	41.40		T	S	Data logger downloaded and reinstalled
TB-037	10/28/2010	41.71		S	S	Downloaded and reinstalled data logger.
TB-037	3/3/2011	41.07		S	S	Downloaded and reinstalled data logger.
TB-037	6/8/2011	41.09		S	S	Data logger removed.
TB-038	7/24/2009	110.95		S	S	
TB-039	7/24/2009	49.03		S	S	
TB-039	10/14/2009	49.85	P	S	C	mill brake not holding
TB-040	7/24/2009	47.07		S	S	
TB-040	8/12/2009	48.14		S	S	Difficult to meas. Due to obstructions
TB-042	7/24/2009	33.40		S	S	
TB-042	8/12/2009	35.20		S	S	
TB-043	7/24/2009	20.95		S	S	
TB-043	8/12/2009	23.86		S	S	multiple obstructions
TB-044	7/30/2009	188.43		T	S	
TB-044	8/27/2009	189.85		T	S	Data logger installed.
TB-044	12/17/2009	189.17		T	S	Data logger downloaded and reinstalled
TB-044	3/5/2010	184.79		T	S	Data logger downloaded and reinstalled
TB-044	7/13/2010	189.10		T	S	Data logger downloaded and reinstalled

APPENDIX 4B—Wells with water level measurement

TB-044	10/29/2010	190.90		S	S	Data logger downloaded and reinstalled
TB-044	3/2/2011	184.15		S	S	ownloaded and reinstalled data logger.
TB-044	6/8/2011	188.72		S	S	Data logger removed.
TB-045	7/30/2009	20.05		S	S	
TB-045	8/10/2009	21.11		S	S	
TB-045	10/12/2009	18.63		S	C	
TB-045	12/18/2009	17.77	X	S	C	Creek running big
TB-045	2/18/2010	17.67	X	S	S	Creek running strong
TB-045	4/13/2010	18.02	X	S	S	Stream flow down to low flow nearby
TB-045	6/23/2010	24.23		S	S	creek bed dry no flows
TB-045	8/11/2010	17.80	X	S	S	creek running nearby
TB-045	10/11/2010	17.75	Z	S	S	creek running nearby
TB-045	12/20/2010	18.48	X	S	S	Creek running nearby.
TB-045	2/16/2011	18.32	X	S	S	Creek nearby flowing
TB-045	4/17/2011	18.50	X	S	S	Creek nearby flowing minimally.
TB-047	7/30/2009	164.50		S	S	
TB-047	8/11/2009	167.39		S	S	
TB-047	10/13/2009	166.67		S	C	
TB-047	12/14/2009	166.00		S	C	
TB-047	2/18/2010	161.34		S	S	
TB-048	8/11/2009	188.20		S	S	
TB-048	10/12/2009	188.39		S	C	
TB-048	12/18/2009	187.95		S	C	
TB-048	2/18/2010	187.23		S	S	Tape feels light but repeated measure 3x
TB-048	4/13/2010	187.45		S	S	Not in use but laying irrigation pipe
TB-048	6/23/2010	188.10		S	S	
TB-048	8/11/2010	188.24	R	S	S	
TB-048	10/11/2010	188.44		S	S	
TB-048	12/20/2010	187.73		S	S	
TB-048	2/16/2011	187.20		S	S	
TB-048	4/17/2011	187.67		S	S	
TB-048	6/15/2011	188.51		S	S	
TB-050	8/18/2009	105.90		S	C	
TB-051	8/19/2009	130.20		S	C	
TB-051	10/14/2009	128.87		S	C	For verification only/good for sonic in future
TB-051	12/16/2009	127.40		O	C	
TB-051	2/25/2010	127.40		O	S	
TB-053	8/19/2009	129.94		S	C	
TB-053	10/14/2009	131.12		T	C	
TB-053	12/16/2009	132.14		S	C	
TB-053	2/25/2010	132.60		S	S	
TB-053	4/23/2010	132.73		S	S	
TB-053	6/23/2010	132.63		S	S	
TB-053	8/13/2010	132.80		S	S	
TB-053	10/12/2010	133.07		S	S	cap crooked debris/obstruction in well cascaded do
TB-053	12/22/2010	133.29		S	S	
TB-053	2/18/2011	133.41		S	S	
TB-053	4/19/2011	133.48		S	S	
TB-053	6/9/2011	133.80		S	S	
TB-054	8/12/2009	211.55		S	S	
TB-055	8/12/2009	213.04		T	S	
TB-055	8/27/2009	212.00		T	S	Data logger installed.
TB-055	12/17/2009	203.90		T	S	Data logger downloaded and reinstalled
TB-055	3/5/2010	202.30		T	S	Data logger downloaded and reinstalled
TB-055	7/13/2010	213.55		T	S	Data logger downloaded and reinstalled
TB-055	10/29/2010	208.20		S	S	Downloaded and reinstalled data logger.
TB-055	3/2/2011	204.57		S	S	Downloaded and reinstalled data logger.
TB-055	6/8/2011	218.87	S	S	S	
TB-056	8/11/2009	353.70		O	S	pump was running when measured by sonic. Unreliable.
TB-057	8/12/2009	299.84			O	
TB-057	10/15/2009	303.65		T	C	
TB-057	12/18/2009	303.36		T	C	Well is open/water piped from other location
TB-057	2/22/2010	303.07		S	S	

APPENDIX 4B—Wells with water level measurement

TB-057	4/14/2010	303.44		S	S	
TB-057	6/22/2010	304.16		S	S	tape spotty but had repeat measure
TB-057	8/12/2010	305.38		S	S	
TB-057	10/13/2010	304.57		S	S	attained two shallower measures but could not repe
TB-057	12/21/2010	303.90		S	S	
TB-057	2/17/2011	303.48		S	S	
TB-057	4/17/2011	302.82		S	S	
TB-057	6/10/2011	302.96		S	S	
TB-058	8/11/2009	18.93		S	S	
TB-059	2/10/2003	32.59		T	O	
TB-059	9/10/2009	38.35		T	S	Data logger installed.
TB-059	12/17/2009	38.11		T	S	Data logger downloaded and reinstalled
TB-059	3/4/2010	37.38		T	S	Data logger downloaded and reinstalled
TB-059	7/12/2010	48.29		T	S	Data logger downloaded and reinstalled
TB-059	10/28/2010	51.42		S	S	Downloaded and reinstalled data logger.
TB-059	3/2/2011	55.71		S	S	Downloaded and reinstalled data logger.
TB-059	6/8/2011	63.67		S	S	Data logger gone.
TB-060	8/11/2009	24.40		S	S	
TB-060	9/10/2009	24.13		S	C	
TB-060	10/15/2009	24.98		S	C	
TB-060	12/18/2009	23.61		S	C	
TB-060	2/22/2010	21.01		S	S	
TB-060	4/14/2010	22.46		S	S	
TB-060	6/22/2010	23.00		S	S	large irrigation nearby
TB-060	8/12/2010	23.36		S	S	
TB-060	10/13/2010	23.45		S	S	
TB-060	12/21/2010	22.19		S	S	
TB-060	2/17/2011	22.34		S	S	
TB-060	3/2/2011	22.94		S	S	checked while doing data logger
TB-060	4/19/2011	23.54		S	S	
TB-060	6/10/2011	24.18		S	S	
TB-062	1/1/1984	15.00			O	
TB-062	8/11/2009	15.84		S	S	
TB-062	9/16/2009	13.09		S	S	
TB-066	9/10/2009	28.28		T	S	Data logger installed.
TB-066	12/17/2009	27.95		T	S	Data logger downloaded and reinstalled
TB-066	3/4/2010	27.89		T	S	Data logger dead? Pulled logger.
TB-066	10/28/2010	25.25		S	S	Installed new logger.
TB-066	3/2/2011	26.55		S	S	Downloaded and reinstalled data logger.
TB-066	6/8/2011	27.41		S	S	Data logger removed.
TB-068	9/21/2009	29.16		S	S	
TB-070	8/12/2009	134.82		S	S	Spotty tape.
TB-070	10/16/2009	134.28		S	C	
TB-070	12/18/2009	134.18		S	C	
TB-070	2/27/2010	133.80		S	S	
TB-070	4/14/2010	132.89		S	S	
TB-070	6/23/2010	133.18		S	S	
TB-070	8/23/2010	132.39	R	s	S	recovering well on off to measure
TB-070	10/18/2010	132.52		S	S	
TB-070	12/22/2010	132.28		S	S	
TB-070	2/17/2011	132.82		S	S	
TB-070	4/20/2011	133.97		S	S	
TB-071	8/27/2009	195.29		T	S	
TB-071	9/10/2009	194.55		T	S	Data logger installed.
TB-071	12/17/2009	195.58		T	S	Data logger downloaded and reinstalled
TB-071	3/4/2010	195.20		T	S	Data logger downloaded and reinstalled
TB-071	7/13/2010	195.83		T	S	Data logger dead? Pulled logger.
TB-071	10/28/2010	197.26		S	S	New data logger installed.
TB-071	3/2/2011	196.47		S	S	Downloaded and reinstalled data logger.
TB-071	6/9/2011	197.10		S	S	Data logger removed.
TB-073	9/9/2009	43.41		T	S	
TB-074	9/9/2009	269.46		S	S	
TB-075	9/9/2009	269.94		T	S	

APPENDIX 4B—Wells with water level measurement

TB-075	10/13/2009	270.20		T	C	Ok for e probe/open well
TB-075	12/17/2009	270.11		T	C	
TB-075	2/26/2010	269.90		T	S	
TB-075	4/14/2010	269.57		T	S	
TB-075	6/22/2010	269.94		S	S	
TB-075	8/12/2010	270.32		S	S	
TB-075	10/18/2010	270.87	S	S	S	TB074 is 7 yards from this well being pumped
TB-075	12/21/2010	271.08		S	S	
TB-075	2/16/2011	270.90	S	S	S	Adjacent well is cycling on frequently
TB-075	4/17/2011	270.68		S	S	
TB-075	6/14/2011	273.84		S	S	
TB-076	9/9/2009	398.63		T	S	
TB-076	10/13/2009	398.58		T	C	Ok for e probe/open well/TD 517'
TB-076	12/17/2009	398.48		T	C	
TB-076	2/26/2010	398.46		T	S	
TB-076	4/14/2010	398.35		T	S	
TB-076	6/22/2010	398.82		T	S	
TB-076	8/12/2010	398.77		S	S	
TB-076	10/18/2010	398.93		S	S	
TB-076	12/21/2010	399.17		S	S	
TB-076	2/16/2011	399.27		S	S	
TB-076	4/19/2011	399.34		S	S	
TB-076	6/14/2011	399.45		S	S	
TB-077	9/9/2009	396.64		T	S	
TB-077	10/13/2009	400.52		T	C	Ok for e probe/open well
TB-077	12/17/2009	401.45		T	C	
TB-077	2/26/2010	401.62		T	S	
TB-077	4/14/2010	393.10		T	S	Cascading water in well.
TB-080	9/11/2009	34.16		S	S	
TB-080	10/12/2009	34.05		S	C	
TB-080	12/14/2009	33.47		S	C	
TB-080	2/18/2010	33.00		S	S	
TB-080	4/13/2010	32.92		S	S	
TB-080	6/23/2010	33.73		S	S	
TB-080	8/11/2010	34.05		S	S	
TB-080	10/11/2010	34.33		S	S	
TB-080	12/20/2010	33.82		S	S	
TB-080	2/16/2011	33.47		S	S	
TB-080	4/17/2011	33.50		S	S	
TB-080	6/14/2011	33.98		S	S	
TB-081	9/11/2009	37.37		T	S	
TB-082	9/11/2009	37.46		T	S	
TB-083	9/11/2009	40.91		T	S	
TB-084	9/11/2009	39.32		T	S	
TB-084	10/12/2009	38.92		T	C	
TB-084	12/14/2009	37.82		T	C	
TB-084	2/18/2010	37.22		S	S	
TB-084	4/13/2010	37.04		S	S	
TB-085	9/11/2009	42.16		T	S	
TB-085	10/12/2009	41.59		T	C	
TB-086	9/11/2009	51.65	R	S	S	
TB-087	9/11/2009	44.06		T	S	
TB-088	9/11/2009	40.60	R	S	S	
TB-088	10/12/2009	35.42	P	S	C	Pump came on during third measure/regular use
TB-088	12/14/2009	38.60	R	S	C	Recovering? Varied measurements
TB-088	2/18/2010	38.88	R	S	S	Well recovering
TB-088	4/13/2010	39.52	R	S	S	Pump cycles frequently as it supplies stock
TB-088	6/23/2010	39.75		S	S	well on /off to measure
TB-088	8/11/2010	39.53	R	S	S	recovering well on off to measure
TB-088	10/11/2010	39.66	R	S	S	well on off to measure
TB-088	12/20/2010	38.54		S	S	
TB-088	2/16/2011	39.71		S	S	
TB-088	4/17/2011	40.08		S	S	

APPENDIX 4B—Wells with water level measurement

TB-088	6/14/2011	40.92	R	S	S	Well recovering
TB-091	8/27/2009	107.32		T	S	
TB-091	9/11/2009	107.32		S	S	
TB-091	10/12/2009	107.43		S	C	
TB-091	12/14/2009	107.35		S	C	
TB-091	2/18/2010	107.70		S	S	
TB-091	4/13/2010	107.80		S	S	
TB-091	6/23/2010	107.93		S	S	
TB-091	8/11/2010	108.02		S	S	
TB-091	10/11/2010	108.13		S	S	
TB-091	12/20/2010	108.29		S	S	
TB-091	2/16/2011	108.37		S	S	
TB-091	4/17/2011	108.53		S	S	
TB-091	6/14/2011	108.56		S	S	
TB-092	9/11/2009	115.40		S	S	
TB-093	8/20/2009	93.28		S	C	
TB-094	8/21/2009	105.49		S	C	
TB-094	10/14/2009	105.99		S	C	
TB-094	12/16/2009	106.47		S	C	
TB-094	2/19/2010	106.80		S	S	
TB-094	4/21/2010	106.93		S	S	
TB-094	6/14/2010	107.20		S	S	
TB-094	8/13/2010	107.03		S	S	
TB-094	10/12/2010	107.08		S	S	
TB-094	1/2/2011	107.59		S	S	
TB-094	2/18/2011	107.85		S	S	
TB-094	4/19/2011	107.33		S	S	
TB-094	6/15/2011	106.90		S	S	
TB-095	8/21/2009	77.10		S	C	
TB-095	10/14/2009	80.46		S	C	
TB-096	8/21/2009	116.82		S	C	
TB-097	8/26/2009	48.45		S	C	
TB-097	10/17/2009	47.89		S	C	
TB-097	12/22/2009	47.19		S	C	
TB-097	2/19/2010	46.64		S	S	
TB-097	4/15/2010	46.64		S	S	
TB-098	8/26/2009	45.94		S	C	
TB-100	8/26/2009	15.56		S	C	
TB-100	10/16/2009	15.67		S	C	
TB-101	11/24/2009	17.59		S	C	
TB-101	2/19/2010	14.71		S	S	
TB-101	4/15/2010	14.72		S	S	
TB-102	8/26/2009	52.42		S	C	
TB-103	8/26/2009	56.98		T	C	
TB-103	10/16/2009	57.14		T	C	
TB-103	2/19/2010	57.58		S	S	
TB-103	4/15/2010	57.78		S	S	
TB-103	6/15/2010	57.39		S	S	
TB-103	8/27/2010	57.27		S	S	
TB-103	10/18/2010	57.56		S	S	
TB-103	1/3/2011	57.94		S	S	
TB-103	2/22/2011	58.63		S	S	
TB-103	4/19/2011	58.64		S	S	
TB-103	6/13/2011	58.77		S	S	
TB-104	4/27/2010	7.58		S	S	Trash in bottom of well
TB-105	8/26/2009	10.90		T	C	
TB-106	8/27/2009	51.01		S	C	
TB-106	10/17/2009	51.15		S	C	
TB-106	12/22/2009	51.61		S	C	
TB-106	2/19/2010	51.23		S	S	
TB-106	4/15/2010	50.99		S	S	
TB-106	6/15/2010	51.45		S	S	
TB-106	8/26/2010	51.69		S	S	

APPENDIX 4B—Wells with water level measurement

TB-106	10/14/2010	51.77		S	S	
TB-106	1/1/2011	51.79		S	S	
TB-106	2/22/2011	50.83		S	S	
TB-106	4/15/2011	51.13		S	S	
TB-106	6/13/2011	51.01		S	S	
TB-107	8/27/2009	120.00		T	C	
TB-107	10/14/2009	124.40		T	C	
TB-107	12/22/2009	119.57		T	C	
TB-107	2/25/2010	119.68		S	S	
TB-107	4/23/2010	119.62		S	S	
TB-107	6/23/2010	119.42		S	S	
TB-108	8/31/2009	19.68		S	C	
TB-109	8/31/2009	50.76		S	C	
TB-109	10/14/2009	51.99		S	C	
TB-109	2/19/2010	55.70		S	S	
TB-109	6/16/2011	54.51		S	S	
TB-110	8/31/2009	51.19		S	C	
TB-110	12/23/2009	53.05		S	C	
TB-110	4/23/2010	56.09		S	S	
TB-111	10/16/2009	61.64		S	C	
TB-111	12/20/2009	61.28	P	S	C	Possible good measure but pump came on
TB-111	2/18/2010	60.76		S	S	
TB-111	4/15/2010	61.45		S	S	
TB-111	6/23/2010	62.24		S	S	
TB-111	8/27/2010	61.90	R	S	S	
TB-111	10/18/2010	58.36	R	S	S	
TB-111	1/1/2011	60.02		S	S	
TB-111	2/17/2011	60.39		S	S	
TB-111	4/15/2011	61.57		S	S	
TB-111	6/14/2011	62.83	P	S	S	Well used frequently; recovering
TB-112	8/31/2009	58.80		S	C	
TB-113	9/1/2009	68.43		S	C	
TB-113	10/16/2009	68.13		S	C	
TB-113	12/19/2009	66.89		S	C	
TB-113	2/27/2010	66.43		S	S	
TB-113	4/15/2010	68.14		S	S	
TB-113	6/22/2010	69.77		S	S	
TB-113	8/27/2010	68.25		S	S	
TB-113	10/14/2010	69.13		S	S	
TB-113	1/1/2011	67.39		S	S	
TB-113	2/22/2011	67.84		S	S	
TB-113	4/15/2011	68.65		S	C	
TB-113	6/14/2011	69.55		S	S	
TB-116	9/1/2009	88.30		S	C	
TB-117	9/1/2009	214.05		T	C	
TB-117	10/15/2009	213.78		S	C	
TB-117	12/20/2009	213.86		S	C	
TB-117	2/27/2010	213.79		S	S	
TB-117	4/18/2010	211.89		S	S	
TB-117	6/15/2010	213.85	R	S	S	pump cycled briefly
TB-117	8/14/2010	213.91		S	S	
TB-117	10/18/2010	213.88		S	S	
TB-117	1/1/2011	214.05		S	S	
TB-117	2/17/2011	213.98		S	S	
TB-117	4/15/2011	214.10		S	S	
TB-117	6/14/2011	214.06		S	S	
TB-118	9/1/2009	36.64		S	C	
TB-118	10/17/2009	36.74		S	C	
TB-118	12/22/2009	36.75		S	C	
TB-118	2/27/2010	36.83		S	S	
TB-119	9/1/2009	62.07		S	C	Pump came on after meas., not perfectly repeated.
TB-119	10/14/2009	61.44	R	S	C	Recovering
TB-119	12/22/2009	39.16		S	C	Well not in use/ heavy irrig use in summer

APPENDIX 4B—Wells with water level measurement

TB-119	2/22/2010	37.70		S	S	
TB-120	9/1/2009	35.40		T	C	
TB-120	10/17/2009	35.48		T	C	
TB-120	12/22/2009	35.16		T	C	
TB-120	2/22/2010	34.82		S	S	
TB-121	9/1/2009	55.95		T	C	
TB-121	10/14/2009	55.55		S	C	
TB-122	9/1/2009	66.00		T	C	
TB-122	10/14/2009	65.77		S	C	
TB-122	12/22/2009	65.35		S	C	
TB-122	2/27/2010	64.81		S	S	
TB-122	4/15/2010	64.44		S	S	
TB-122	6/15/2010	64.60		S	S	
TB-122	8/26/2010	64.87		S	S	
TB-122	10/18/2010	64.94		S	S	
TB-122	1/1/2011	65.29		S	S	
TB-122	2/22/2011	65.49		S	S	
TB-122	4/16/2011	65.81		S	S	
TB-122	6/13/2011	65.91		S	S	
TB-124	9/1/2009	79.90		T	C	
TB-124	10/14/2009	78.91		T	C	
TB-124	12/22/2009	78.59		T	C	
TB-124	2/27/2010	75.74		T	S	
TB-124	4/15/2010	79.50	S?	T	S	Well within 200-300 yards of heavily watered Golf Course
TB-125	9/1/2009	30.65		S	S	
TB-126	9/4/2009	35.26		S	C	
TB-127	9/4/2009	43.13		S	C	
TB-128	9/4/2009	52.30		S	C	
TB-128	10/16/2009	52.46		S	C	
TB-128	12/20/2009	52.49		S	C	
TB-128	2/27/2010	52.57		S	S	
TB-129	9/4/2009	19.01		S	C	
TB-130	9/4/2009	30.38		S	C	
TB-130	10/16/2009	30.36		S	C	
TB-130	12/20/2009	29.85		S	C	
TB-130	2/26/2010	29.67		S	S	
TB-130	4/18/2010	29.62		S	S	
TB-130	6/23/2010	30.70		S	S	
TB-130	8/14/2010	29.85		S	S	
TB-130	10/15/2010	30.15		S	S	
TB-130	1/1/2011	29.75		S	S	
TB-130	2/17/2011	29.69		S	S	
TB-130	4/15/2011	32.87		S	S	
TB-130	6/11/2011	30.23		S	S	
TB-131	9/7/2009	55.88		S	C	
TB-131	10/16/2009	55.71		S	C	
TB-131	12/19/2009	55.45	R	S	C	WM was on but recovered?
TB-131	2/20/2010	55.38		S	S	
TB-131	4/18/2010	55.29	R	S	S	Mill running slowly/off for 15 minutes
TB-131	6/21/2010	55.48		S	S	well on/off
TB-131	8/14/2010	55.24	R	S	S	well on off to measure
TB-131	10/15/2010	55.05	R	S	S	well on off to measure
TB-131	1/1/2011	54.47		S	S	
TB-131	2/17/2011	54.22		S	S	
TB-131	4/15/2011	54.05		S	S	
TB-131	6/11/2011	53.85		S	S	WM on; off to measure
TB-132	9/7/2009	50.32		T	S	
TB-133	9/7/2009	65.22		T	C	
TB-134	9/7/2009	49.22		T	C	
TB-134	10/16/2009	49.18		S	C	
TB-136	8/27/2009	38.87		S	R	
TB-137	8/27/2009	186.39		T	R	
TB-138	8/27/2009	113.50		T	R	

APPENDIX 4B—Wells with water level measurement

TB-139	8/27/2009	73.78		T	R	
TB-140	8/27/2009	113.54		T	R	
TB-141	8/27/2009	113.64		T	R	
TB-142	8/27/2009	177.80		T	R	
TB-142	10/13/2009	177.61		S	C	
TB-142	12/17/2009	174.84		S	C	
TB-142	2/22/2010	174.01		S	S	
TB-142	4/13/2010	174.65		S	S	
TB-142	6/22/2010	175.39		S	S	
TB-142	8/12/2010	176.00		S	S	
TB-142	10/18/2010	177.14		S	S	
TB-142	12/21/2010	174.87		S	S	
TB-142	2/16/2011	174.23		S	S	
TB-142	4/17/2011	176.42		S	S	
TB-142	6/14/2011	178.44		S	S	
TB-143	9/16/2009	92.62		S	S	
TB-144	9/16/2009	58.41	P	S	S	Well on and off during meas.
TB-145	9/16/2009	35.46		S	S	
TB-146	9/16/2009	71.84		S	S	obstructions in well, difficult to get repeatable number.
TB-147	9/16/2009	9.59		T	S	
TB-149	9/16/2009	67.43		S	S	
TB-150	9/16/2009	12.68		S	S	
TB-151	9/16/2009	38.78	P	S	S	
TB-152	9/16/2009	69.47		S	S	
TB-153	9/16/2009	11.44		S	S	
TB-154	9/21/2009	191.87		S	S	difficult access in well
TB-155	9/16/2009	135.45		T	S	
TB-155	10/15/2009	135.42		T	C	
TB-155	12/18/2009	135.30		T	C	
TB-155	2/22/2010	135.70		T	S	
TB-155	4/14/2010	135.21		S	S	
TB-155	6/22/2010	135.05		S	S	obstruction
TB-155	8/12/2010	134.53		S	S	
TB-155	10/13/2010	134.99		S	S	debris cascading in well but still passable be sur
TB-155	12/21/2010	134.85		S	S	
TB-155	2/17/2011	134.70		S	S	
TB-155	4/17/2011	134.58		S	S	
TB-155	6/10/2011	133.98		S	S	
TB-156	9/16/2009	2.11		S	S	Drop pipe meas. Maybe erroneous?
TB-157	9/16/2009	83.99		T	S	
TB-157	10/15/2009	84.04		T	C	
TB-157	12/18/2009	84.19		T	C	
TB-157	2/22/2010	83.84		T	S	
TB-157	4/14/2010	83.59		S	S	Obstruction at 24' BROKE TAPE
TB-159	9/22/2009	26.42		S	C	
TB-159	12/26/2009	25.65		S	C	
TB-159	2/28/2010	25.50		S	S	
TB-159	4/23/2010	25.45		S	S	
TB-159	6/15/2010	26.33	R	S	S	recently pumped and recovering
TB-159	8/14/2010	26.61		S	S	
TB-159	10/18/2010	26.53		S	S	
TB-159	1/1/2011	25.84		S	S	
TB-159	3/2/2011	25.71		S	S	
TB-159	4/15/2011	25.85		S	C	
TB-159	6/14/2011	28.58		S	S	
TB-161	9/24/2009	22.61		S	C	
TB-161	12/22/2009	22.36		S	C	
TB-161	2/19/2010	19.71		S	S	
TB-161	4/21/2010	10.75	X?	S	S	Creek running nearby
TB-162	9/24/2009	32.26		S	C	
TB-163	9/24/2009	15.92		S	C	
TB-164	9/24/2009	24.20		S	C	
TB-164	12/22/2009	27.11	R	S	C	Had big leak/well in use/still recovering

APPENDIX 4B—Wells with water level measurement

TB-164	2/19/2010	17.18	X	S	S	Creek running nearby
TB-164	4/21/2010	13.23	X?	S	S	Creek running nearby
TB-165	9/24/2009	21.70		S	C	
TB-166	9/24/2009	33.88		S	C	
TB-167	9/24/2009	28.48		S	C	
TB-168	9/24/2009	31.13		S	C	
TB-168	12/22/2009	27.17		T	C	
TB-168	2/19/2010	23.97	X	S	S	Creek running nearby
TB-168	4/21/2010	23.33	X?	S	S	Creek running nearby
TB-168	6/14/2010	25.67		S	S	
TB-168	8/13/2010	25.02		S	S	
TB-168	10/12/2010	26.67		S	S	
TB-168	1/2/2011	27.29		S	S	
TB-168	2/18/2011	25.34		S	S	
TB-168	4/19/2011	29.88		S	S	Low flow in creek
TB-168	6/15/2011	39.29		S	S	Creek dry all the way up canyon past Sanders
TB-169	9/24/2009	22.16		S	C	
TB-170	9/24/2009	25.20		S	C	
TB-170	12/22/2009	25.08		S	C	
TB-170	2/19/2010	22.25	X	S	S	Snow knee deep/creek running/user said water brown
TB-170	4/21/2010	21.66	X	S	S	Creek running nearby
TB-170	6/14/2010	23.73	X	S	S	CREEK FLOWING
TB-170	8/13/2010	23.81		S	S	
TB-170	10/12/2010	24.17		S	S	
TB-170	1/2/2011	24.15		S	S	Well cycling on and off
TB-170	2/18/2011	24.04		S	S	
TB-170	4/19/2011	24.27		S	S	
TB-171	9/29/2009	137.22	R	S	C	Well may be recovering?
TB-171	12/22/2009	134.86		T	C	Multiple obstructions but measureable
TB-171	2/19/2010	134.80		S	S	
TB-171	6/15/2010	135.87		S	S	
TB-171	8/25/2010	136.36	R	S	S	
TB-173	9/29/2009	51.48		S	C	
TB-173	12/22/2009	51.61		S	C	
TB-173	2/27/2010	51.68		S	S	
TB-173	4/15/2010	51.78		S	S	
TB-176	9/29/2009	38.10		S	C	
TB-179	10/2/2009	80.40		S	C	
TB-179	12/19/2009	80.44		S	C	
TB-179	2/26/2010	80.53		S	S	
TB-180	10/2/2009	86.89		S	C	Snakes!
TB-181	10/2/2009	71.38		S	C	
TB-182	10/5/2009	116.54		S	C	
TB-183	10/5/2009	130.71		S	C	
TB-183	12/19/2009	130.83		T	C	
TB-183	2/20/2010	130.64		S	S	
TB-183	4/19/2010	130.75		S	S	
TB-183	6/21/2010	130.83		S	S	obstruction
TB-183	8/26/2010	130.90		S	S	
TB-183	10/15/2010	130.88		S	S	
TB-183	1/1/2011	130.91		S	S	
TB-183	2/27/2011	130.78		S	S	
TB-185	10/6/2009	78.67		S	C	
TB-186	10/6/2009	121.85		S	C	
TB-188	12/20/2009	40.74		S	C	First measure/new access in top of casing
TB-188	2/20/2010	41.07		S	S	
TB-188	4/19/2010	41.22		S	S	Arroyo running approx 150 east of well
TB-188	6/21/2010	41.62		S	S	
TB-188	8/26/2010	42.82	R	S	S	mill turning intermittently in light wind
TB-188	10/15/2010	43.47	R	S	S	well on off to measure
TB-188	1/1/2011	43.34		S	S	well on, off to measure
TB-188	4/16/2011	45.24		S	S	light wind, possibly recovering
TB-188	6/11/2011	48.68	R	S	S	Well on; off to measure; recovering slowly

APPENDIX 4B—Wells with water level measurement

TB-189	10/6/2009	36.68	P	S	C	MP update calculated. WM pumping slowly, brake not working well.
TB-189	12/20/2009	35.73	P	S	C	MP update calculated. Mill off/started to turn slowly/brake on
TB-189	2/20/2010	36.62	P	S	S	MP update calculated. Very windy, mill turning steadily with brake on
TB-189	4/19/2010	35.65		S	S	MP update calculated.
TB-189	6/21/2010	36.34	R	S	S	MP update calculated. light wind recovering
TB-189	8/26/2010	37.20	R	S	S	mill turning intermittently in light wind
TB-189	1/1/2011	37.52	P	S	S	Mill turning, no repeat.
TB-190	10/6/2009	22.39		S	C	
TB-191	10/6/2009	64.56		S	C	
TB-191	12/19/2009	65.17		S	C	
TB-191	2/20/2010	65.67		S	S	
TB-191	4/19/2010	66.13	R	S	S	Pump on/off for 30 minutes
TB-191	6/21/2010	66.14		S	S	well on/off to measure
TB-191	8/26/2010	63.77	R	S	S	
TB-191	10/15/2010	61.01	R	S	S	well on off to measure
TB-191	1/1/2011	61.94		S	S	
TB-191	2/27/2011	62.96		S	S	
TB-191	4/16/2011	63.68		S	S	
TB-191	6/11/2011	64.42		S	S	Well on; off to measure
TB-192	10/6/2009	102.81		S	C	
TB-192	12/19/2009	103.82		S	C	
TB-192	2/20/2010	104.42		S	S	
TB-192	4/19/2010	105.03		S	S	
TB-192	6/21/2010	105.84		S	S	well on/off
TB-192	8/26/2010	104.53	R	S	S	
TB-192	10/15/2010	103.33	R	S	S	well on off to measure
TB-192	1/1/2011	102.13		S	S	
TB-192	2/27/2011	102.63		S	S	
TB-192	4/16/2011	107.82		S	S	
TB-192	6/11/2011	109.80		S	S	Well on; off to measure
TB-194	10/7/2009	38.44	T	S	C	+ or - 3 ft, well about 40 yards away was pumping
TB-194	12/19/2009	36.74		S	C	
TB-194	2/20/2010	36.37	S	S	S	Solar pump running on adjacent well
TB-194	4/19/2010	36.24	S	S	S	Solar well running nearby
TB-194	6/21/2010	36.71		S	S	solar well running nearby
TB-194	8/26/2010	36.22	S	S	S	
TB-194	10/15/2010	36.19	S	S	S	
TB-194	1/1/2011	35.73	S	S	S	
TB-194	2/27/2011	35.57		S	S	
TB-194	4/16/2011	35.57	S	S	S	Well running nearby.
TB-194	6/11/2011	35.78	S	S	S	Pump running nearby
TB-196	10/7/2009	126.21		T	C	
TB-196	12/19/2009	126.47		T	C	
TB-196	2/26/2010	126.62		S	S	
TB-196	4/19/2010	126.68		S	S	
TB-196	6/21/2010	126.74		S	S	
TB-196	8/14/2010	126.63		S	S	
TB-196	10/14/2010	126.29		S	S	
TB-196	12/22/2010	126.50		S	S	
TB-196	2/27/2011	126.56		S	S	
TB-196	4/15/2011	126.66		S	S	
TB-196	6/11/2011	126.88		S	S	
TB-198	10/7/2009	68.71		S	C	
TB-199	10/5/2009	50.95		S	C	
TB-199	12/19/2009	48.57		S	C	
TB-199	2/27/2010	48.87	R	S	S	Was pumped mechanically 2/26/10
TB-199	4/15/2010	50.36	R	S	S	Well on/off previous day off approx 19 hours
TB-199	6/21/2010	49.75		S	S	
TB-199	8/24/2010	49.21	R	S	S	
TB-199	10/14/2010	50.75	R	S	S	minimal wind/output wlm not affected by production
TB-199	12/22/2010	55.05		S	S	
TB-199	3/1/2011	57.17	R	S	S	Hitting obstructions, could not repeat
TB-199	4/15/2011	61.78		S	S	1.75' MP used at this measurement. Original DTW 63.53

APPENDIX 4B—Wells with water level measurement

TB-199	6/11/2011	58.63		S	S	Taken @ new MP (1.75'); corrected to +0.55'
TB-200	10/7/2009	85.40	R	S	C	Well was recovering
TB-200	12/19/2009	84.66		T	C	Turned off/on No wind
TB-200	2/28/2010	85.00	R	S	S	Mill pumping slowly/off for 15 min. prior to measure
TB-200	4/15/2010	85.59		S	S	WM on/off previous day off approx 19 hours
TB-200	6/21/2010	84.39		S	S	
TB-200	8/24/2010	78.25		S	S	
TB-200	10/14/2010	81.90	R	S	S	mill off to measure for 3 hours
TB-200	12/22/2010	86.68	S	S	S	
TB-200	2/27/2011	87.65		S	S	Mill off.
TB-200	4/16/2011	93.21		S	S	
TB-200	6/11/2011	86.90		S	S	
TB-203	12/14/2007	98.10		T	A	
TB-203	4/30/2008	98.27		T	A	
TB-203	6/26/2008	98.10		T	A	
TB-203	8/8/2008	98.07		T	A	
TB-203	10/2/2008	97.28		T	A	
TB-203	11/24/2008	97.31		T	A	
TB-203	3/5/2009	97.43		T	A	
TB-203	4/14/2009	98.20		T	A	
TB-203	6/25/2009	97.40		T	A	
TB-203	3/4/2010	98.37		S	S	Installed data logger
TB-203	7/12/2010	98.11		S	S	Downloaded and reinstalled logger.
TB-203	10/28/2010	98.22		S	S	Downloaded and reinstalled data logger.
TB-203	3/3/2011	98.01		S	S	Downloaded and reinstalled data logger.
TB-203	6/8/2011	99.66		S	S	Data logger removed.
TB-204	4/30/2008	10.92		T	A	
TB-204	6/26/2008	11.12		T	A	
TB-204	8/8/2008	10.40		T	A	
TB-204	10/2/2008	11.09		T	A	
TB-204	11/24/2008	11.21		T	A	
TB-204	4/14/2009	11.09		T	A	
TB-204	6/25/2009	11.24		T	A	
TB-204	3/16/2010	10.81		T	S	
TB-205	3/16/2010	16.86		S	S	
TB-205	8/26/2010	17.63		S	S	
TB-205	10/14/2010	17.66		S	S	
TB-205	1/1/2011	17.13		S	S	
TB-205	2/22/2011	16.79		S	S	
TB-205	4/15/2011	17.31		S	S	
TB-205	6/13/2011	17.73		S	S	
TB-206	12/14/2007	42.85		T	A	
TB-206	3/17/2010	42.82		S	S	
TB-206	8/27/2010	42.92	R	S	S	
TB-206	10/14/2010	43.11	R	S	S	well on off to measure
TB-206	1/2/2011	43.07		S	S	well on, off to measure.
TB-206	2/22/2011	42.93		S	S	
TB-206	4/15/2011	43.11		S	S	
TB-206	6/13/2011	43.29		S	S	Well on; off to measure
TB-208	12/14/2007	199.00		T	A	
TB-208	3/16/2010	165.05		S	S	
TB-209	12/14/2007	77.36		T	A	
TB-209	4/30/2008	77.30		T	A	
TB-209	6/26/2008	77.29		T	A	
TB-209	8/8/2008	77.28		T	A	
TB-209	10/2/2008	77.28		T	A	
TB-209	11/24/2008	77.44		T	A	
TB-209	3/5/2009	77.38		T	A	
TB-209	4/14/2009	77.25		T	A	
TB-209	6/25/2009	77.24		T	A	
TB-209	3/16/2010	77.29		T	S	
TB-210	12/14/2007	360.74		T	A	
TB-210	3/16/2010	345.50		S	S	

APPENDIX 4B—Wells with water level measurement

TB-211	3/17/2010	98.95		S	S	
TB-212	12/14/2007	29.09		T	A	
TB-212	4/30/2008	29.49		T	A	
TB-212	6/26/2008	30.53		T	A	
TB-212	8/8/2008	30.05		T	A	
TB-212	10/2/2008	30.30		T	A	
TB-212	11/24/2008	30.57		T	A	
TB-212	3/5/2009	30.63		T	A	
TB-212	4/14/2009	30.64		T	A	
TB-212	6/25/2009	30.94		T	A	
TB-212	3/4/2010	32.42		T	S	Installed data logger.
TB-212	7/12/2010	32.48		T	S	Downloaded and reinstalled data logger.
TB-212	10/28/2010	33.06		T	S	Downloaded and reinstalled data logger.
TB-212	3/3/2011	32.81		S	S	Downloaded and reinstalled data logger.
TB-212	6/8/2011	32.86		S	S	Data logger removed.
TB-213	4/30/2008	68.29		T	A	
TB-213	6/26/2008	68.51		T	A	
TB-213	8/8/2008	67.79		T	A	
TB-213	10/2/2008	67.35		T	A	
TB-213	11/24/2008	65.28		T	A	
TB-213	3/5/2009	64.86		T	A	
TB-213	4/14/2009	65.40		T	A	
TB-213	6/25/2009	66.69		T	A	
TB-213	3/4/2010	69.26		T	S	
TB-213	7/12/2010	70.35		T	S	Downloaded and reinstalled data logger.
TB-213	10/28/2010	71.44		S	S	Downloaded and reinstalled data logger.
TB-213	3/3/2011	71.52		S	S	Downloaded and reinstalled data logger.
TB-213	6/8/2011	71.88		S	S	Data logger removed.
TB-214	2/19/2010	26.58		S	S	
TB-214	4/23/2010	17.52	X	S	S	Creek running nearby
TB-214	6/14/2010	18.41		S	S	
TB-214	8/25/2010	22.05		S	S	
TB-214	10/12/2010	22.33		S	S	
TB-214	1/2/2011	23.11		S	S	
TB-214	2/18/2011	20.30		S	S	
TB-214	4/19/2011	21.98		S	S	Low flow in creek nearby
TB-214	6/9/2011	24.74		S	S	No flow in creek nearby
TB-215	2/19/2010	17.65		S	S	
TB-217	4/26/2010	148.54		S	S	
TB-218	4/26/2010	44.38		S	S	
TB-219	4/26/2010	105.05		S	S	
TB-220	4/26/2010	112.24		S	S	
TB-221	4/26/2010	112.51		S	S	
TB-221	8/25/2010	115.41		S	S	
TB-221	1/2/2011	112.82		S	S	
TB-221	2/22/2011	112.40		S	S	
TB-221	4/20/2011	112.63		S	S	
TB-221	6/13/2011	113.15		S	S	
TB-222	4/26/2010	26.03	R	S	S	
TB-223	4/26/2010	40.91		S	S	
TB-223	8/25/2010	46.20	R	S	S	
TB-223	1/2/2011	98.94		S	S	may have hit bottom of well?
TB-223	2/22/2011	100.75		S	S	Contact said well not producing water.
TB-223	4/20/2011	105.04		S	S	
TB-223	6/13/2011	100.61		S	S	
TB-224	4/26/2010	90.61		S	S	
TB-225	4/26/2010	54.29		S	S	
TB-226	4/26/2010	87.05		S	S	
TB-227	4/27/2010	18.99		S	S	
TB-228	4/27/2010	22.70		S	S	not a clean fall for tape (hits sides)
TB-229	4/28/2010	66.97	R	S	S	
TB-230	4/28/2010	34.59		S	S	
TB-233	4/28/2010	79.60		S	S	

APPENDIX 4B—Wells with water level measurement

TB-234	4/28/2010	80.08		S	S	
TB-234	8/25/2010	80.93		S	S	obstruction near top of casing
TB-234	1/2/2011	80.13		S	S	
TB-234	2/22/2011	79.98		S	S	
TB-234	4/19/2011	79.98		S	S	
TB-234	6/13/2011	80.44		S	S	Windmill running nearby
TB-236	4/28/2010	114.54		S	S	
TB-241	4/28/2010	33.73		S	S	
TB-243	3/16/2010	57.16		S	S	
TB-245	3/30/2005	313.70			G	
TB-246	5/5/2005	191.46			G	
TB-247	1/30/2006	187.58			G	
TB-248	3/21/2005	307.10			G	
TB-249	8/28/2001	89.15			G	
TB-249	4/6/2011	87.45		S	S	
TB-250	8/28/2001	96.69			G	WL pre-pump test
TB-251	4/6/2011	47.62		S	S	
TB-253	4/6/2011	83.35		S	S	