

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/10/2009 18:30	352800	13.437	10.743	249.333	5180.927	249.333	5180.927
8/10/2009 18:35	353100	13.438	10.744	249.332	5180.928	249.332	5180.928
8/10/2009 18:40	353400	13.437	10.742	249.334	5180.926	249.334	5180.926
8/10/2009 18:45	353700	13.436	10.739	249.336	5180.924	249.336	5180.924
8/10/2009 18:50	354000	13.437	10.746	249.333	5180.927	249.333	5180.927
8/10/2009 18:55	354300	13.434	10.742	249.342	5180.918	249.342	5180.918
8/10/2009 19:00	354600	13.438	10.745	249.332	5180.928	249.332	5180.928
8/10/2009 19:05	354900	13.435	10.743	249.339	5180.921	249.339	5180.921
8/10/2009 19:10	355200	13.437	10.744	249.333	5180.927	249.333	5180.927
8/10/2009 19:15	355500	13.435	10.744	249.337	5180.923	249.337	5180.923
8/10/2009 19:20	355800	13.438	10.745	249.332	5180.928	249.332	5180.928
8/10/2009 19:25	356100	13.437	10.742	249.333	5180.927	249.333	5180.927
8/10/2009 19:30	356400	13.436	10.742	249.335	5180.925	249.335	5180.925
8/10/2009 19:35	356700	13.436	10.744	249.335	5180.925	249.335	5180.925
8/10/2009 19:40	357000	13.438	10.741	249.332	5180.928	249.332	5180.928
8/10/2009 19:45	357300	13.436	10.743	249.337	5180.923	249.337	5180.923
8/10/2009 19:50	357600	13.437	10.743	249.334	5180.926	249.334	5180.926
8/10/2009 19:55	357900	13.435	10.743	249.337	5180.923	249.337	5180.923
8/10/2009 20:00	358200	13.436	10.741	249.335	5180.925	249.335	5180.925
8/10/2009 20:05	358500	13.436	10.741	249.336	5180.924	249.336	5180.924
8/10/2009 20:10	358800	13.435	10.743	249.338	5180.922	249.338	5180.922
8/10/2009 20:15	359100	13.435	10.742	249.338	5180.922	249.338	5180.922
8/10/2009 20:20	359400	13.432	10.744	249.344	5180.916	249.344	5180.916
8/10/2009 20:25	359700	13.435	10.742	249.339	5180.921	249.339	5180.921
8/10/2009 20:30	360000	13.435	10.745	249.339	5180.921	249.339	5180.921
8/10/2009 20:35	360300	13.434	10.745	249.341	5180.919	249.341	5180.919
8/10/2009 20:40	360600	13.433	10.744	249.344	5180.916	249.344	5180.916
8/10/2009 20:45	360900	13.434	10.744	249.341	5180.919	249.341	5180.919
8/10/2009 20:50	361200	13.432	10.744	249.346	5180.914	249.346	5180.914
8/10/2009 20:55	361500	13.429	10.745	249.353	5180.907	249.353	5180.907
8/10/2009 21:00	361800	13.430	10.746	249.351	5180.909	249.351	5180.909
8/10/2009 21:05	362100	13.429	10.745	249.352	5180.908	249.352	5180.908
8/10/2009 21:10	362400	13.428	10.744	249.354	5180.906	249.354	5180.906
8/10/2009 21:15	362700	13.427	10.744	249.356	5180.904	249.356	5180.904
8/10/2009 21:20	363000	13.426	10.746	249.358	5180.902	249.358	5180.902
8/10/2009 21:25	363300	13.426	10.744	249.359	5180.901	249.359	5180.901
8/10/2009 21:30	363600	13.426	10.744	249.359	5180.901	249.359	5180.901
8/10/2009 21:35	363900	13.425	10.741	249.361	5180.899	249.361	5180.899
8/10/2009 21:40	364200	13.424	10.742	249.363	5180.897	249.363	5180.897
8/10/2009 21:45	364500	13.423	10.742	249.367	5180.893	249.367	5180.893
8/10/2009 21:50	364800	13.424	10.744	249.364	5180.896	249.364	5180.896
8/10/2009 21:55	365100	13.422	10.739	249.368	5180.892	249.368	5180.892
8/10/2009 22:00	365400	13.423	10.741	249.366	5180.894	249.366	5180.894
8/10/2009 22:05	365700	13.422	10.743	249.368	5180.892	249.368	5180.892
8/10/2009 22:10	366000	13.421	10.743	249.370	5180.890	249.370	5180.890
8/10/2009 22:15	366300	13.423	10.745	249.366	5180.894	249.366	5180.894
8/10/2009 22:20	366600	13.421	10.742	249.370	5180.890	249.370	5180.890
8/10/2009 22:25	366900	13.421	10.742	249.371	5180.889	249.371	5180.889
8/10/2009 22:30	367200	13.420	10.741	249.373	5180.887	249.373	5180.887
8/10/2009 22:35	367500	13.420	10.742	249.372	5180.888	249.372	5180.888
8/10/2009 22:40	367800	13.418	10.741	249.376	5180.884	249.376	5180.884
8/10/2009 22:45	368100	13.417	10.741	249.380	5180.880	249.380	5180.880
8/10/2009 22:50	368400	13.419	10.744	249.375	5180.885	249.375	5180.885
8/10/2009 22:55	368700	13.418	10.741	249.376	5180.884	249.376	5180.884
8/10/2009 23:00	369000	13.417	10.742	249.379	5180.881	249.379	5180.881
8/10/2009 23:05	369300	13.418	10.742	249.378	5180.882	249.378	5180.882

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/10/2009 23:10	369600	13.419	10.739	249.376	5180.884	249.376	5180.884
8/10/2009 23:15	369900	13.416	10.742	249.382	5180.878	249.382	5180.878
8/10/2009 23:20	370200	13.418	10.742	249.379	5180.881	249.379	5180.881
8/10/2009 23:25	370500	13.416	10.741	249.381	5180.879	249.381	5180.879
8/10/2009 23:30	370800	13.416	10.742	249.382	5180.878	249.382	5180.878
8/10/2009 23:35	371100	13.418	10.742	249.379	5180.881	249.379	5180.881
8/10/2009 23:40	371400	13.417	10.742	249.381	5180.879	249.381	5180.879
8/10/2009 23:45	371700	13.414	10.742	249.386	5180.874	249.386	5180.874
8/10/2009 23:50	372000	13.417	10.744	249.381	5180.879	249.381	5180.879
8/10/2009 23:55	372300	13.414	10.742	249.386	5180.874	249.386	5180.874
8/11/2009 0:00	372600	13.418	10.744	249.378	5180.882	249.378	5180.882
8/11/2009 0:05	372900	13.417	10.743	249.381	5180.879	249.381	5180.879
8/11/2009 0:10	373200	13.417	10.742	249.381	5180.879	249.381	5180.879
8/11/2009 0:15	373500	13.413	10.743	249.388	5180.872	249.388	5180.872
8/11/2009 0:20	373800	13.415	10.746	249.384	5180.876	249.384	5180.876
8/11/2009 0:25	374100	13.411	10.741	249.394	5180.866	249.394	5180.866
8/11/2009 0:30	374400	13.415	10.742	249.384	5180.876	249.384	5180.876
8/11/2009 0:35	374700	13.412	10.741	249.391	5180.869	249.391	5180.869
8/11/2009 0:40	375000	13.412	10.741	249.392	5180.868	249.392	5180.868
8/11/2009 0:45	375300	13.413	10.742	249.389	5180.871	249.389	5180.871
8/11/2009 0:50	375600	13.415	10.742	249.384	5180.876	249.384	5180.876
8/11/2009 0:55	375900	13.416	10.744	249.383	5180.877	249.383	5180.877
8/11/2009 1:00	376200	13.415	10.742	249.385	5180.875	249.385	5180.875
8/11/2009 1:05	376500	13.415	10.744	249.385	5180.875	249.385	5180.875
8/11/2009 1:10	376800	13.415	10.742	249.384	5180.876	249.384	5180.876
8/11/2009 1:15	377100	13.415	10.742	249.384	5180.876	249.384	5180.876
8/11/2009 1:20	377400	13.415	10.741	249.384	5180.876	249.384	5180.876
8/11/2009 1:25	377700	13.416	10.746	249.383	5180.877	249.383	5180.877
8/11/2009 1:30	378000	13.416	10.742	249.383	5180.877	249.383	5180.877
8/11/2009 1:35	378300	13.416	10.742	249.382	5180.878	249.382	5180.878
8/11/2009 1:40	378600	13.414	10.746	249.387	5180.873	249.387	5180.873
8/11/2009 1:45	378900	13.415	10.744	249.385	5180.875	249.385	5180.875
8/11/2009 1:50	379200	13.415	10.747	249.383	5180.877	249.383	5180.877
8/11/2009 1:55	379500	13.416	10.746	249.383	5180.877	249.383	5180.877
8/11/2009 2:00	379800	13.415	10.745	249.385	5180.875	249.385	5180.875
8/11/2009 2:05	380100	13.418	10.748	249.378	5180.882	249.378	5180.882
8/11/2009 2:10	380400	13.417	10.746	249.381	5180.879	249.381	5180.879
8/11/2009 2:15	380700	13.417	10.746	249.379	5180.881	249.379	5180.881
8/11/2009 2:20	381000	13.418	10.749	249.377	5180.883	249.377	5180.883
8/11/2009 2:25	381300	13.418	10.745	249.378	5180.882	249.378	5180.882
8/11/2009 2:30	381600	13.417	10.744	249.379	5180.881	249.379	5180.881
8/11/2009 2:35	381900	13.419	10.744	249.376	5180.884	249.376	5180.884
8/11/2009 2:40	382200	13.418	10.745	249.378	5180.882	249.378	5180.882
8/11/2009 2:45	382500	13.417	10.746	249.379	5180.881	249.379	5180.881
8/11/2009 2:50	382800	13.418	10.746	249.377	5180.883	249.377	5180.883
8/11/2009 2:55	383100	13.420	10.746	249.372	5180.888	249.372	5180.888
8/11/2009 3:00	383400	13.419	10.747	249.375	5180.885	249.375	5180.885
8/11/2009 3:05	383700	13.420	10.749	249.372	5180.888	249.372	5180.888
8/11/2009 3:10	384000	13.419	10.744	249.375	5180.885	249.375	5180.885
8/11/2009 3:15	384300	13.418	10.746	249.378	5180.882	249.378	5180.882
8/11/2009 3:20	384600	13.419	10.748	249.376	5180.884	249.376	5180.884
8/11/2009 3:25	384900	13.418	10.745	249.378	5180.882	249.378	5180.882
8/11/2009 3:30	385200	13.419	10.746	249.376	5180.884	249.376	5180.884
8/11/2009 3:35	385500	13.418	10.748	249.376	5180.884	249.376	5180.884
8/11/2009 3:40	385800	13.417	10.748	249.380	5180.880	249.380	5180.880
8/11/2009 3:45	386100	13.419	10.746	249.375	5180.885	249.375	5180.885

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/11/2009 3:50	386400	13.420	10.747	249.373	5180.887	249.373	5180.887
8/11/2009 3:55	386700	13.420	10.746	249.372	5180.888	249.372	5180.888
8/11/2009 4:00	387000	13.418	10.750	249.378	5180.882	249.378	5180.882
8/11/2009 4:05	387300	13.420	10.750	249.374	5180.886	249.374	5180.886
8/11/2009 4:10	387600	13.421	10.747	249.371	5180.889	249.371	5180.889
8/11/2009 4:15	387900	13.420	10.744	249.374	5180.886	249.374	5180.886
8/11/2009 4:20	388200	13.422	10.743	249.369	5180.891	249.369	5180.891
8/11/2009 4:25	388500	13.421	10.744	249.372	5180.888	249.372	5180.888
8/11/2009 4:30	388800	13.422	10.743	249.369	5180.891	249.369	5180.891
8/11/2009 4:35	389100	13.419	10.740	249.375	5180.885	249.375	5180.885
8/11/2009 4:40	389400	13.422	10.743	249.367	5180.893	249.367	5180.893
8/11/2009 4:45	389700	13.422	10.743	249.368	5180.892	249.368	5180.892
8/11/2009 4:50	390000	13.422	10.742	249.368	5180.892	249.368	5180.892
8/11/2009 4:55	390300	13.422	10.741	249.368	5180.892	249.368	5180.892
8/11/2009 5:00	390600	13.423	10.743	249.365	5180.895	249.365	5180.895
8/11/2009 5:05	390900	13.423	10.742	249.366	5180.894	249.366	5180.894
8/11/2009 5:10	391200	13.421	10.743	249.370	5180.890	249.370	5180.890
8/11/2009 5:15	391500	13.422	10.740	249.368	5180.892	249.368	5180.892
8/11/2009 5:20	391800	13.419	10.742	249.376	5180.884	249.376	5180.884
8/11/2009 5:25	392100	13.422	10.740	249.368	5180.892	249.368	5180.892
8/11/2009 5:30	392400	13.419	10.742	249.376	5180.884	249.376	5180.884
8/11/2009 5:35	392700	13.422	10.740	249.367	5180.893	249.367	5180.893
8/11/2009 5:40	393000	13.422	10.741	249.369	5180.891	249.369	5180.891
8/11/2009 5:45	393300	13.421	10.740	249.371	5180.889	249.371	5180.889
8/11/2009 5:50	393600	13.422	10.741	249.368	5180.892	249.368	5180.892
8/11/2009 5:55	393900	13.421	10.740	249.370	5180.890	249.370	5180.890
8/11/2009 6:00	394200	13.423	10.739	249.367	5180.893	249.367	5180.893
8/11/2009 6:05	394500	13.422	10.739	249.369	5180.891	249.369	5180.891
8/11/2009 6:10	394800	13.422	10.742	249.368	5180.892	249.368	5180.892
8/11/2009 6:15	395100	13.422	10.742	249.367	5180.893	249.367	5180.893
8/11/2009 6:20	395400	13.421	10.743	249.369	5180.891	249.369	5180.891
8/11/2009 6:25	395700	13.423	10.743	249.367	5180.893	249.367	5180.893
8/11/2009 6:30	396000	13.421	10.743	249.370	5180.890	249.370	5180.890
8/11/2009 6:35	396300	13.422	10.740	249.369	5180.891	249.369	5180.891
8/11/2009 6:40	396600	13.420	10.742	249.372	5180.888	249.372	5180.888
8/11/2009 6:45	396900	13.421	10.742	249.370	5180.890	249.370	5180.890
8/11/2009 6:50	397200	13.421	10.743	249.372	5180.888	249.372	5180.888
8/11/2009 6:55	397500	13.419	10.741	249.375	5180.885	249.375	5180.885
8/11/2009 7:00	397800	13.420	10.743	249.374	5180.886	249.374	5180.886
8/11/2009 7:05	398100	13.420	10.742	249.372	5180.888	249.372	5180.888
8/11/2009 7:10	398400	13.418	10.741	249.377	5180.883	249.377	5180.883
8/11/2009 7:15	398700	13.419	10.739	249.375	5180.885	249.375	5180.885
8/11/2009 7:20	399000	13.420	10.742	249.373	5180.887	249.373	5180.887
8/11/2009 7:25	399300	13.418	10.745	249.377	5180.883	249.377	5180.883
8/11/2009 7:30	399600	13.418	10.745	249.377	5180.883	249.377	5180.883
8/11/2009 7:35	399900	13.418	10.742	249.377	5180.883	249.377	5180.883
8/11/2009 7:40	400200	13.417	10.743	249.381	5180.879	249.381	5180.879
8/11/2009 7:45	400500	13.412	10.742	249.392	5180.868	249.392	5180.868
8/11/2009 7:50	400800	13.411	10.744	249.393	5180.867	249.393	5180.867
8/11/2009 7:55	401100	13.415	10.742	249.383	5180.877	249.383	5180.877
8/11/2009 8:00	401400	13.415	10.744	249.385	5180.875	249.385	5180.875
8/11/2009 8:05	401700	13.414	10.746	249.387	5180.873	249.387	5180.873
8/11/2009 8:10	402000	13.412	10.745	249.391	5180.869	249.391	5180.869
8/11/2009 8:15	402300	13.412	10.743	249.391	5180.869	249.391	5180.869
8/11/2009 8:20	402600	13.412	10.745	249.392	5180.868	249.392	5180.868
8/11/2009 8:25	402900	13.410	10.747	249.395	5180.865	249.395	5180.865

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/11/2009 8:30	403200	13.410	10.745	249.395	5180.865	249.395	5180.865
8/11/2009 8:35	403500	13.411	10.744	249.394	5180.866	249.394	5180.866
8/11/2009 8:40	403800	13.407	10.745	249.403	5180.857	249.403	5180.857
8/11/2009 8:45	404100	13.410	10.744	249.397	5180.863	249.397	5180.863
8/11/2009 8:50	404400	13.408	10.742	249.402	5180.858	249.402	5180.858
8/11/2009 8:55	404700	13.409	10.742	249.398	5180.862	249.398	5180.862
8/11/2009 9:00	405000	13.409	10.744	249.399	5180.861	249.399	5180.861
8/11/2009 9:05	405300	13.408	10.743	249.401	5180.859	249.401	5180.859
8/11/2009 9:10	405600	13.405	10.741	249.408	5180.852	249.408	5180.852
8/11/2009 9:15	405900	13.409	10.742	249.399	5180.861	249.399	5180.861
8/11/2009 9:20	406200	13.408	10.744	249.400	5180.860	249.400	5180.860
8/11/2009 9:25	406500	13.408	10.743	249.402	5180.858	249.402	5180.858
8/11/2009 9:30	406800	13.408	10.745	249.399	5180.861	249.399	5180.861
8/11/2009 9:35	407100	13.407	10.745	249.402	5180.858	249.402	5180.858
8/11/2009 9:40	407400	13.410	10.747	249.395	5180.865	249.395	5180.865
8/11/2009 9:45	407700	13.409	10.746	249.398	5180.862	249.398	5180.862
8/11/2009 9:50	408000	13.409	10.743	249.398	5180.862	249.398	5180.862
8/11/2009 9:55	408300	13.409	10.747	249.398	5180.862	249.398	5180.862
8/11/2009 10:00	408600	13.416	10.746	249.382	5180.878	249.382	5180.878
8/11/2009 10:05	408900	13.411	10.743	249.393	5180.867	249.393	5180.867
8/11/2009 10:10	409200	13.414	10.743	249.386	5180.874	249.386	5180.874
8/11/2009 10:15	409500	13.415	10.744	249.385	5180.875	249.385	5180.875
8/11/2009 10:20	409800	13.416	10.751	249.382	5180.878	249.382	5180.878
8/11/2009 10:25	410100	13.411	10.748	249.393	5180.867	249.393	5180.867
8/11/2009 10:30	410400	13.415	10.743	249.384	5180.876	249.384	5180.876
8/11/2009 10:35	410700	13.415	10.745	249.384	5180.876	249.384	5180.876
8/11/2009 10:40	411000	13.413	10.744	249.389	5180.871	249.389	5180.871
8/11/2009 10:45	411300	13.415	10.744	249.384	5180.876	249.384	5180.876
8/11/2009 10:50	411600	13.412	10.743	249.391	5180.869	249.391	5180.869
8/11/2009 10:55	411900	13.416	10.743	249.383	5180.877	249.383	5180.877
8/11/2009 11:00	412200	13.415	10.745	249.384	5180.876	249.384	5180.876
8/11/2009 11:05	412500	13.417	10.743	249.380	5180.880	249.380	5180.880
8/11/2009 11:10	412800	13.417	10.742	249.379	5180.881	249.379	5180.881
8/11/2009 11:15	413100	13.416	10.745	249.381	5180.879	249.381	5180.879
8/11/2009 11:20	413400	13.418	10.743	249.378	5180.882	249.378	5180.882
8/11/2009 11:25	413700	13.419	10.742	249.374	5180.886	249.374	5180.886
8/11/2009 11:30	414000	13.417	10.743	249.379	5180.881	249.379	5180.881
8/11/2009 11:35	414300	13.418	10.744	249.376	5180.884	249.376	5180.884
8/11/2009 11:40	414600	13.419	10.743	249.376	5180.884	249.376	5180.884
8/11/2009 11:45	414900	13.419	10.744	249.376	5180.884	249.376	5180.884
8/11/2009 11:50	415200	13.416	10.745	249.383	5180.877	249.383	5180.877
8/11/2009 11:55	415500	13.419	10.742	249.374	5180.886	249.374	5180.886
8/11/2009 12:00	415800	13.420	10.747	249.373	5180.887	249.373	5180.887
8/11/2009 12:05	416100	13.416	10.742	249.382	5180.878	249.382	5180.878
8/11/2009 12:10	416400	13.420	10.745	249.372	5180.888	249.372	5180.888
8/11/2009 12:15	416700	13.418	10.748	249.378	5180.882	249.378	5180.882
8/11/2009 12:20	417000	13.419	10.745	249.375	5180.885	249.375	5180.885
8/11/2009 12:25	417300	13.422	10.746	249.368	5180.892	249.368	5180.892
8/11/2009 12:30	417600	13.424	10.749	249.364	5180.896	249.364	5180.896
8/11/2009 12:35	417900	13.421	10.747	249.372	5180.888	249.372	5180.888
8/11/2009 12:40	418200	13.425	10.748	249.362	5180.898	249.362	5180.898
8/11/2009 12:45	418500	13.425	10.749	249.361	5180.899	249.361	5180.899
8/11/2009 12:50	418800	13.426	10.749	249.359	5180.901	249.359	5180.901
8/11/2009 12:55	419100	13.426	10.750	249.359	5180.901	249.359	5180.901
8/11/2009 13:00	419400	13.428	10.747	249.354	5180.906	249.354	5180.906
8/11/2009 13:05	419700	13.430	10.750	249.350	5180.910	249.350	5180.910

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/11/2009 13:10	420000	13.428	10.747	249.355	5180.905	249.355	5180.905
8/11/2009 13:15	420300	13.429	10.748	249.352	5180.908	249.352	5180.908
8/11/2009 13:20	420600	13.430	10.747	249.350	5180.910	249.350	5180.910
8/11/2009 13:25	420900	13.432	10.749	249.345	5180.915	249.345	5180.915
8/11/2009 13:30	421200	13.432	10.744	249.344	5180.916	249.344	5180.916
8/11/2009 13:35	421500	13.431	10.747	249.348	5180.912	249.348	5180.912
8/11/2009 13:40	421800	13.432	10.743	249.345	5180.915	249.345	5180.915
8/11/2009 13:45	422100	13.433	10.745	249.342	5180.918	249.342	5180.918
8/11/2009 13:50	422400	13.433	10.745	249.344	5180.916	249.344	5180.916
8/11/2009 13:55	422700	13.433	10.742	249.344	5180.916	249.344	5180.916
8/11/2009 14:00	423000	13.434	10.742	249.340	5180.920	249.340	5180.920
8/11/2009 14:05	423300	13.433	10.744	249.342	5180.918	249.342	5180.918
8/11/2009 14:10	423600	13.435	10.744	249.339	5180.921	249.339	5180.921
8/11/2009 14:15	423900	13.434	10.743	249.340	5180.920	249.340	5180.920
8/11/2009 14:20	424200	13.435	10.742	249.338	5180.922	249.338	5180.922
8/11/2009 14:25	424500	13.437	10.742	249.333	5180.927	249.333	5180.927
8/11/2009 14:30	424800	13.438	10.741	249.331	5180.929	249.331	5180.929
8/11/2009 14:35	425100	13.438	10.742	249.331	5180.929	249.331	5180.929
8/11/2009 14:40	425400	13.439	10.743	249.329	5180.931	249.329	5180.931
8/11/2009 14:45	425700	13.438	10.745	249.331	5180.929	249.331	5180.929
8/11/2009 14:50	426000	13.441	10.744	249.324	5180.936	249.324	5180.936
8/11/2009 14:55	426300	13.441	10.743	249.324	5180.936	249.324	5180.936
8/11/2009 15:00	426600	13.442	10.743	249.322	5180.938	249.322	5180.938
8/11/2009 15:05	426900	13.440	10.743	249.327	5180.933	249.327	5180.933
8/11/2009 15:10	427200	13.442	10.742	249.323	5180.937	249.323	5180.937
8/11/2009 15:15	427500	13.443	10.744	249.319	5180.941	249.319	5180.941
8/11/2009 15:20	427800	13.443	10.744	249.320	5180.940	249.320	5180.940
8/11/2009 15:25	428100	13.445	10.742	249.316	5180.944	249.316	5180.944
8/11/2009 15:30	428400	13.445	10.742	249.316	5180.944	249.316	5180.944
8/11/2009 15:35	428700	13.445	10.743	249.314	5180.946	249.314	5180.946
8/11/2009 15:40	429000	13.446	10.740	249.313	5180.947	249.313	5180.947
8/11/2009 15:45	429300	13.446	10.745	249.312	5180.948	249.312	5180.948
8/11/2009 15:50	429600	13.447	10.745	249.312	5180.948	249.312	5180.948
8/11/2009 15:55	429900	13.448	10.743	249.309	5180.951	249.309	5180.951
8/11/2009 16:00	430200	13.448	10.744	249.307	5180.953	249.307	5180.953
8/11/2009 16:05	430500	13.449	10.744	249.305	5180.955	249.305	5180.955
8/11/2009 16:10	430800	13.449	10.747	249.306	5180.954	249.306	5180.954
8/11/2009 16:15	431100	13.448	10.744	249.308	5180.952	249.308	5180.952
8/11/2009 16:20	431400	13.449	10.743	249.307	5180.953	249.307	5180.953
8/11/2009 16:25	431700	13.449	10.746	249.306	5180.954	249.306	5180.954
8/11/2009 16:30	432000	13.451	10.745	249.302	5180.958	249.302	5180.958
8/11/2009 16:35	432300	13.450	10.747	249.304	5180.956	249.304	5180.956
8/11/2009 16:40	432600	13.452	10.745	249.298	5180.962	249.298	5180.962
8/11/2009 16:45	432900	13.453	10.744	249.298	5180.962	249.298	5180.962
8/11/2009 16:50	433200	13.452	10.744	249.298	5180.962	249.298	5180.962
8/11/2009 16:55	433500	13.453	10.744	249.296	5180.964	249.296	5180.964
8/11/2009 17:00	433800	13.452	10.743	249.299	5180.961	249.299	5180.961
8/11/2009 17:05	434100	13.453	10.745	249.296	5180.964	249.296	5180.964
8/11/2009 17:10	434400	13.454	10.747	249.294	5180.966	249.294	5180.966
8/11/2009 17:15	434700	13.455	10.747	249.292	5180.968	249.292	5180.968
8/11/2009 17:20	435000	13.454	10.743	249.293	5180.967	249.293	5180.967
8/11/2009 17:25	435300	13.456	10.743	249.289	5180.971	249.289	5180.971
8/11/2009 17:30	435600	13.454	10.746	249.293	5180.967	249.293	5180.967
8/11/2009 17:35	435900	13.454	10.744	249.294	5180.966	249.294	5180.966
8/11/2009 17:40	436200	13.458	10.743	249.286	5180.974	249.286	5180.974
8/11/2009 17:45	436500	13.457	10.745	249.288	5180.972	249.288	5180.972

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/11/2009 17:50	436800	13.454	10.743	249.294	5180.966	249.294	5180.966
8/11/2009 17:55	437100	13.457	10.745	249.287	5180.973	249.287	5180.973
8/11/2009 18:00	437400	13.459	10.747	249.283	5180.977	249.283	5180.977
8/11/2009 18:05	437700	13.458	10.747	249.285	5180.975	249.285	5180.975
8/11/2009 18:10	438000	13.459	10.744	249.284	5180.976	249.284	5180.976
8/11/2009 18:15	438300	13.458	10.745	249.285	5180.975	249.285	5180.975
8/11/2009 18:20	438600	13.458	10.746	249.286	5180.974	249.286	5180.974
8/11/2009 18:25	438900	13.458	10.745	249.285	5180.975	249.285	5180.975
8/11/2009 18:30	439200	13.459	10.745	249.284	5180.976	249.284	5180.976
8/11/2009 18:35	439500	13.457	10.745	249.287	5180.973	249.287	5180.973
8/11/2009 18:40	439800	13.458	10.744	249.286	5180.974	249.286	5180.974
8/11/2009 18:45	440100	13.457	10.748	249.288	5180.972	249.288	5180.972
8/11/2009 18:50	440400	13.458	10.744	249.285	5180.975	249.285	5180.975
8/11/2009 18:55	440700	13.460	10.748	249.281	5180.979	249.281	5180.979
8/11/2009 19:00	441000	13.460	10.744	249.281	5180.979	249.281	5180.979
8/11/2009 19:05	441300	13.457	10.742	249.288	5180.972	249.288	5180.972
8/11/2009 19:10	441600	13.459	10.745	249.283	5180.977	249.283	5180.977
8/11/2009 19:15	441900	13.459	10.744	249.283	5180.977	249.283	5180.977
8/11/2009 19:20	442200	13.459	10.743	249.284	5180.976	249.284	5180.976
8/11/2009 19:25	442500	13.458	10.744	249.286	5180.974	249.286	5180.974
8/11/2009 19:30	442800	13.460	10.741	249.281	5180.979	249.281	5180.979
8/11/2009 19:35	443100	13.459	10.742	249.283	5180.977	249.283	5180.977
8/11/2009 19:40	443400	13.460	10.741	249.280	5180.980	249.280	5180.980
8/11/2009 19:45	443700	13.457	10.740	249.287	5180.973	249.287	5180.973
8/11/2009 19:50	444000	13.459	10.743	249.282	5180.978	249.282	5180.978
8/11/2009 19:55	444300	13.454	10.742	249.293	5180.967	249.293	5180.967
8/11/2009 20:00	444600	13.461	10.747	249.279	5180.981	249.279	5180.981
8/11/2009 20:05	444900	13.458	10.746	249.284	5180.976	249.284	5180.976
8/11/2009 20:10	445200	13.459	10.744	249.283	5180.977	249.283	5180.977
8/11/2009 20:15	445500	13.459	10.743	249.283	5180.977	249.283	5180.977
8/11/2009 20:20	445800	13.457	10.741	249.287	5180.973	249.287	5180.973
8/11/2009 20:25	446100	13.458	10.744	249.284	5180.976	249.284	5180.976
8/11/2009 20:30	446400	13.458	10.742	249.285	5180.975	249.285	5180.975
8/11/2009 20:35	446700	13.458	10.741	249.286	5180.974	249.286	5180.974
8/11/2009 20:40	447000	13.457	10.740	249.287	5180.973	249.287	5180.973
8/11/2009 20:45	447300	13.454	10.743	249.294	5180.966	249.294	5180.966
8/11/2009 20:50	447600	13.451	10.742	249.302	5180.958	249.302	5180.958
8/11/2009 20:55	447900	13.454	10.743	249.295	5180.965	249.295	5180.965
8/11/2009 21:00	448200	13.452	10.743	249.298	5180.962	249.298	5180.962
8/11/2009 21:05	448500	13.453	10.742	249.296	5180.964	249.296	5180.964
8/11/2009 21:10	448800	13.451	10.742	249.302	5180.958	249.302	5180.958
8/11/2009 21:15	449100	13.453	10.741	249.297	5180.963	249.297	5180.963
8/11/2009 21:20	449400	13.453	10.742	249.297	5180.963	249.297	5180.963
8/11/2009 21:25	449700	13.452	10.745	249.298	5180.962	249.298	5180.962
8/11/2009 21:30	450000	13.452	10.742	249.299	5180.961	249.299	5180.961
8/11/2009 21:35	450300	13.453	10.744	249.298	5180.962	249.298	5180.962
8/11/2009 21:40	450600	13.453	10.743	249.297	5180.963	249.297	5180.963
8/11/2009 21:45	450900	13.452	10.743	249.300	5180.960	249.300	5180.960
8/11/2009 21:50	451200	13.451	10.744	249.302	5180.958	249.302	5180.958
8/11/2009 21:55	451500	13.451	10.742	249.301	5180.959	249.301	5180.959
8/11/2009 22:00	451800	13.450	10.742	249.303	5180.957	249.303	5180.957
8/11/2009 22:05	452100	13.452	10.745	249.300	5180.960	249.300	5180.960
8/11/2009 22:10	452400	13.449	10.745	249.305	5180.955	249.305	5180.955
8/11/2009 22:15	452700	13.451	10.744	249.301	5180.959	249.301	5180.959
8/11/2009 22:20	453000	13.451	10.742	249.302	5180.958	249.302	5180.958
8/11/2009 22:25	453300	13.452	10.742	249.298	5180.962	249.298	5180.962

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/11/2009 22:30	453600	13.450	10.743	249.304	5180.956	249.304	5180.956
8/11/2009 22:35	453900	13.452	10.742	249.299	5180.961	249.299	5180.961
8/11/2009 22:40	454200	13.452	10.742	249.299	5180.961	249.299	5180.961
8/11/2009 22:45	454500	13.452	10.743	249.299	5180.961	249.299	5180.961
8/11/2009 22:50	454800	13.452	10.742	249.300	5180.960	249.300	5180.960
8/11/2009 22:55	455100	13.453	10.742	249.296	5180.964	249.296	5180.964
8/11/2009 23:00	455400	13.451	10.743	249.300	5180.960	249.300	5180.960
8/11/2009 23:05	455700	13.453	10.742	249.298	5180.962	249.298	5180.962
8/11/2009 23:10	456000	13.454	10.742	249.295	5180.965	249.295	5180.965
8/11/2009 23:15	456300	13.453	10.741	249.297	5180.963	249.297	5180.963
8/11/2009 23:20	456600	13.454	10.742	249.295	5180.965	249.295	5180.965
8/11/2009 23:25	456900	13.455	10.742	249.293	5180.967	249.293	5180.967
8/11/2009 23:30	457200	13.452	10.740	249.298	5180.962	249.298	5180.962
8/11/2009 23:35	457500	13.453	10.743	249.296	5180.964	249.296	5180.964
8/11/2009 23:40	457800	13.455	10.742	249.293	5180.967	249.293	5180.967
8/11/2009 23:45	458100	13.453	10.745	249.297	5180.963	249.297	5180.963
8/11/2009 23:50	458400	13.452	10.740	249.298	5180.962	249.298	5180.962
8/11/2009 23:55	458700	13.454	10.744	249.295	5180.965	249.295	5180.965
8/12/2009 0:00	459000	13.450	10.742	249.303	5180.957	249.303	5180.957
8/12/2009 0:05	459300	13.453	10.742	249.296	5180.964	249.296	5180.964
8/12/2009 0:10	459600	13.455	10.741	249.293	5180.967	249.293	5180.967
8/12/2009 0:15	459900	13.453	10.743	249.296	5180.964	249.296	5180.964
8/12/2009 0:20	460200	13.455	10.739	249.292	5180.968	249.292	5180.968
8/12/2009 0:25	460500	13.454	10.741	249.295	5180.965	249.295	5180.965
8/12/2009 0:30	460800	13.455	10.741	249.292	5180.968	249.292	5180.968
8/12/2009 0:35	461100	13.454	10.739	249.295	5180.965	249.295	5180.965
8/12/2009 0:40	461400	13.452	10.742	249.299	5180.961	249.299	5180.961
8/12/2009 0:45	461700	13.456	10.742	249.290	5180.970	249.290	5180.970
8/12/2009 0:50	462000	13.457	10.742	249.288	5180.972	249.288	5180.972
8/12/2009 0:55	462300	13.457	10.740	249.288	5180.972	249.288	5180.972
8/12/2009 1:00	462600	13.457	10.743	249.288	5180.972	249.288	5180.972
8/12/2009 1:05	462900	13.455	10.742	249.292	5180.968	249.292	5180.968
8/12/2009 1:10	463200	13.459	10.739	249.284	5180.976	249.284	5180.976
8/12/2009 1:15	463500	13.459	10.742	249.283	5180.977	249.283	5180.977
8/12/2009 1:20	463800	13.457	10.741	249.287	5180.973	249.287	5180.973
8/12/2009 1:25	464100	13.460	10.743	249.279	5180.981	249.279	5180.981
8/12/2009 1:30	464400	13.461	10.741	249.278	5180.982	249.278	5180.982
8/12/2009 1:35	464700	13.463	10.740	249.273	5180.987	249.273	5180.987
8/12/2009 1:40	465000	13.462	10.742	249.276	5180.984	249.276	5180.984
8/12/2009 1:45	465300	13.462	10.741	249.277	5180.983	249.277	5180.983
8/12/2009 1:50	465600	13.463	10.738	249.273	5180.987	249.273	5180.987
8/12/2009 1:55	465900	13.463	10.741	249.273	5180.987	249.273	5180.987
8/12/2009 2:00	466200	13.464	10.742	249.272	5180.988	249.272	5180.988
8/12/2009 2:05	466500	13.464	10.741	249.270	5180.990	249.270	5180.990
8/12/2009 2:10	466800	13.464	10.740	249.271	5180.989	249.271	5180.989
8/12/2009 2:15	467100	13.465	10.740	249.269	5180.991	249.269	5180.991
8/12/2009 2:20	467400	13.465	10.742	249.270	5180.990	249.270	5180.990
8/12/2009 2:25	467700	13.466	10.739	249.267	5180.993	249.267	5180.993
8/12/2009 2:30	468000	13.465	10.738	249.270	5180.990	249.270	5180.990
8/12/2009 2:35	468300	13.465	10.742	249.268	5180.992	249.268	5180.992
8/12/2009 2:40	468600	13.465	10.738	249.269	5180.991	249.269	5180.991
8/12/2009 2:45	468900	13.466	10.741	249.267	5180.993	249.267	5180.993
8/12/2009 2:50	469200	13.468	10.742	249.262	5180.998	249.262	5180.998
8/12/2009 2:55	469500	13.467	10.738	249.265	5180.995	249.265	5180.995
8/12/2009 3:00	469800	13.468	10.740	249.263	5180.997	249.263	5180.997
8/12/2009 3:05	470100	13.467	10.740	249.265	5180.995	249.265	5180.995

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/12/2009 3:10	470400	13.466	10.738	249.266	5180.994	249.266	5180.994
8/12/2009 3:15	470700	13.467	10.741	249.264	5180.996	249.264	5180.996
8/12/2009 3:20	471000	13.467	10.739	249.264	5180.996	249.264	5180.996
8/12/2009 3:25	471300	13.466	10.741	249.266	5180.994	249.266	5180.994
8/12/2009 3:30	471600	13.467	10.739	249.265	5180.995	249.265	5180.995
8/12/2009 3:35	471900	13.467	10.740	249.265	5180.995	249.265	5180.995
8/12/2009 3:40	472200	13.468	10.739	249.261	5180.999	249.261	5180.999
8/12/2009 3:45	472500	13.466	10.739	249.266	5180.994	249.266	5180.994
8/12/2009 3:50	472800	13.468	10.740	249.262	5180.998	249.262	5180.998
8/12/2009 3:55	473100	13.468	10.738	249.262	5180.998	249.262	5180.998
8/12/2009 4:00	473400	13.466	10.740	249.267	5180.993	249.267	5180.993
8/12/2009 4:05	473700	13.468	10.736	249.261	5180.999	249.261	5180.999
8/12/2009 4:10	474000	13.467	10.738	249.265	5180.995	249.265	5180.995
8/12/2009 4:15	474300	13.467	10.739	249.263	5180.997	249.263	5180.997
8/12/2009 4:20	474600	13.467	10.739	249.265	5180.995	249.265	5180.995
8/12/2009 4:25	474900	13.468	10.739	249.262	5180.998	249.262	5180.998
8/12/2009 4:30	475200	13.469	10.737	249.260	5181.000	249.260	5181.000
8/12/2009 4:35	475500	13.470	10.739	249.256	5181.004	249.256	5181.004
8/12/2009 4:40	475800	13.470	10.738	249.257	5181.003	249.257	5181.003
8/12/2009 4:45	476100	13.470	10.737	249.258	5181.002	249.258	5181.002
8/12/2009 4:50	476400	13.469	10.739	249.259	5181.001	249.259	5181.001
8/12/2009 4:55	476700	13.471	10.737	249.256	5181.004	249.256	5181.004
8/12/2009 5:00	477000	13.470	10.737	249.258	5181.002	249.258	5181.002
8/12/2009 5:05	477300	13.470	10.736	249.257	5181.003	249.257	5181.003
8/12/2009 5:10	477600	13.466	10.736	249.267	5180.993	249.267	5180.993
8/12/2009 5:15	477900	13.471	10.739	249.255	5181.005	249.255	5181.005
8/12/2009 5:20	478200	13.470	10.735	249.258	5181.002	249.258	5181.002
8/12/2009 5:25	478500	13.470	10.739	249.257	5181.003	249.257	5181.003
8/12/2009 5:30	478800	13.470	10.737	249.257	5181.003	249.257	5181.003
8/12/2009 5:35	479100	13.466	10.738	249.266	5180.994	249.266	5180.994
8/12/2009 5:40	479400	13.471	10.736	249.256	5181.004	249.256	5181.004
8/12/2009 5:45	479700	13.470	10.737	249.257	5181.003	249.257	5181.003
8/12/2009 5:50	480000	13.471	10.736	249.256	5181.004	249.256	5181.004
8/12/2009 5:55	480300	13.468	10.739	249.263	5180.997	249.263	5180.997
8/12/2009 6:00	480600	13.467	10.740	249.265	5180.995	249.265	5180.995
8/12/2009 6:05	480900	13.470	10.736	249.257	5181.003	249.257	5181.003
8/12/2009 6:10	481200	13.469	10.736	249.259	5181.001	249.259	5181.001
8/12/2009 6:15	481500	13.468	10.738	249.262	5180.998	249.262	5180.998
8/12/2009 6:20	481800	13.466	10.740	249.266	5180.994	249.266	5180.994
8/12/2009 6:25	482100	13.466	10.737	249.266	5180.994	249.266	5180.994
8/12/2009 6:30	482400	13.467	10.738	249.265	5180.995	249.265	5180.995
8/12/2009 6:35	482700	13.466	10.736	249.267	5180.993	249.267	5180.993
8/12/2009 6:40	483000	13.467	10.737	249.265	5180.995	249.265	5180.995
8/12/2009 6:45	483300	13.465	10.739	249.268	5180.992	249.268	5180.992
8/12/2009 6:50	483600	13.463	10.737	249.272	5180.988	249.272	5180.988
8/12/2009 6:55	483900	13.466	10.736	249.268	5180.992	249.268	5180.992
8/12/2009 7:00	484200	13.464	10.736	249.271	5180.989	249.271	5180.989
8/12/2009 7:05	484500	13.464	10.736	249.270	5180.990	249.270	5180.990
8/12/2009 7:10	484800	13.463	10.737	249.274	5180.986	249.274	5180.986
8/12/2009 7:15	485100	13.463	10.734	249.274	5180.986	249.274	5180.986
8/12/2009 7:20	485400	13.464	10.737	249.272	5180.988	249.272	5180.988
8/12/2009 7:25	485700	13.465	10.737	249.270	5180.990	249.270	5180.990
8/12/2009 7:30	486000	13.465	10.736	249.268	5180.992	249.268	5180.992
8/12/2009 7:35	486300	13.463	10.735	249.273	5180.987	249.273	5180.987
8/12/2009 7:40	486600	13.462	10.735	249.277	5180.983	249.277	5180.983
8/12/2009 7:45	486900	13.464	10.738	249.271	5180.989	249.271	5180.989

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/12/2009 7:50	487200	13.462	10.738	249.275	5180.985	249.275	5180.985
8/12/2009 7:55	487500	13.462	10.734	249.275	5180.985	249.275	5180.985
8/12/2009 8:00	487800	13.463	10.737	249.274	5180.986	249.274	5180.986
8/12/2009 8:05	488100	13.462	10.734	249.276	5180.984	249.276	5180.984
8/12/2009 8:10	488400	13.462	10.736	249.277	5180.983	249.277	5180.983
8/12/2009 8:15	488700	13.463	10.738	249.273	5180.987	249.273	5180.987
8/12/2009 8:20	489000	13.461	10.737	249.278	5180.982	249.278	5180.982
8/12/2009 8:25	489300	13.460	10.737	249.280	5180.980	249.280	5180.980
8/12/2009 8:30	489600	13.462	10.736	249.275	5180.985	249.275	5180.985
8/12/2009 8:35	489900	13.461	10.737	249.279	5180.981	249.279	5180.981
8/12/2009 8:40	490200	13.463	10.736	249.275	5180.985	249.275	5180.985
8/12/2009 8:45	490500	13.460	10.737	249.280	5180.980	249.280	5180.980
8/12/2009 8:50	490800	13.461	10.734	249.279	5180.981	249.279	5180.981
8/12/2009 8:55	491100	13.464	10.737	249.272	5180.988	249.272	5180.988
8/12/2009 9:00	491400	13.462	10.737	249.275	5180.985	249.275	5180.985
8/12/2009 9:05	491700	13.459	10.737	249.283	5180.977	249.283	5180.977
8/12/2009 9:10	492000	13.464	10.737	249.270	5180.990	249.270	5180.990
8/12/2009 9:15	492300	13.464	10.734	249.271	5180.989	249.271	5180.989
8/12/2009 9:20	492600	13.463	10.733	249.275	5180.985	249.275	5180.985
8/12/2009 9:25	492900	13.461	10.736	249.278	5180.982	249.278	5180.982
8/12/2009 9:30	493200	13.462	10.738	249.275	5180.985	249.275	5180.985
8/12/2009 9:35	493500	13.463	10.737	249.273	5180.987	249.273	5180.987
8/12/2009 9:40	493800	13.463	10.740	249.273	5180.987	249.273	5180.987
8/12/2009 9:45	494100	13.462	10.735	249.275	5180.985	249.275	5180.985
8/12/2009 9:50	494400	13.463	10.736	249.273	5180.987	249.273	5180.987
8/12/2009 9:55	494700	13.464	10.734	249.272	5180.988	249.272	5180.988
8/12/2009 10:00	495000	13.464	10.737	249.272	5180.988	249.272	5180.988
8/12/2009 10:05	495300	13.462	10.737	249.276	5180.984	249.276	5180.984
8/12/2009 10:10	495600	13.462	10.735	249.276	5180.984	249.276	5180.984
8/12/2009 10:15	495900	13.460	10.736	249.281	5180.979	249.281	5180.979
8/12/2009 10:20	496200	13.463	10.736	249.274	5180.986	249.274	5180.986
8/12/2009 10:25	496500	13.462	10.736	249.277	5180.983	249.277	5180.983
8/12/2009 10:30	496800	13.460	10.736	249.281	5180.979	249.281	5180.979
8/12/2009 10:35	497100	13.462	10.737	249.275	5180.985	249.275	5180.985
8/12/2009 10:40	497400	13.461	10.734	249.279	5180.981	249.279	5180.981
8/12/2009 10:45	497700	13.460	10.735	249.279	5180.981	249.279	5180.981
8/12/2009 10:50	498000	13.461	10.735	249.278	5180.982	249.278	5180.982
8/12/2009 10:55	498300	13.463	10.735	249.274	5180.986	249.274	5180.986
8/12/2009 11:00	498600	13.464	10.735	249.270	5180.990	249.270	5180.990
8/12/2009 11:05	498900	13.461	10.737	249.278	5180.982	249.278	5180.982
8/12/2009 11:10	499200	13.461	10.734	249.278	5180.982	249.278	5180.982
8/12/2009 11:15	499500	13.463	10.733	249.273	5180.987	249.273	5180.987
8/12/2009 11:20	499800	13.465	10.735	249.270	5180.990	249.270	5180.990
8/12/2009 11:25	500100	13.463	10.735	249.274	5180.986	249.274	5180.986
8/12/2009 11:30	500400	13.463	10.734	249.274	5180.986	249.274	5180.986
8/12/2009 11:35	500700	13.464	10.734	249.272	5180.988	249.272	5180.988
8/12/2009 11:40	501000	13.460	10.735	249.280	5180.980	249.280	5180.980
8/12/2009 11:45	501300	13.464	10.736	249.270	5180.990	249.270	5180.990
8/12/2009 11:50	501600	13.466	10.736	249.266	5180.994	249.266	5180.994
8/12/2009 11:55	501900	13.466	10.733	249.266	5180.994	249.266	5180.994
8/12/2009 12:00	502200	13.467	10.734	249.264	5180.996	249.264	5180.996
8/12/2009 12:05	502500	13.464	10.737	249.271	5180.989	249.271	5180.989
8/12/2009 12:10	502800	13.468	10.738	249.262	5180.998	249.262	5180.998
8/12/2009 12:15	503100	13.469	10.734	249.261	5180.999	249.261	5180.999
8/12/2009 12:20	503400	13.467	10.734	249.264	5180.996	249.264	5180.996
8/12/2009 12:25	503700	13.468	10.733	249.261	5180.999	249.261	5180.999

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/12/2009 12:30	504000	13.471	10.734	249.255	5181.005	249.255	5181.005
8/12/2009 12:35	504300	13.469	10.734	249.259	5181.001	249.259	5181.001
8/12/2009 12:40	504600	13.469	10.736	249.260	5181.000	249.260	5181.000
8/12/2009 12:45	504900	13.472	10.735	249.252	5181.008	249.252	5181.008
8/12/2009 12:50	505200	13.473	10.734	249.251	5181.009	249.251	5181.009
8/12/2009 12:55	505500	13.473	10.732	249.251	5181.009	249.251	5181.009
8/12/2009 13:00	505800	13.472	10.732	249.253	5181.007	249.253	5181.007
8/12/2009 13:05	506100	13.474	10.732	249.249	5181.011	249.249	5181.011
8/12/2009 13:10	506400	13.476	10.734	249.245	5181.015	249.245	5181.015
8/12/2009 13:15	506700	13.473	10.732	249.252	5181.008	249.252	5181.008
8/12/2009 13:20	507000	13.475	10.735	249.245	5181.015	249.245	5181.015
8/12/2009 13:25	507300	13.478	10.735	249.240	5181.020	249.240	5181.020
8/12/2009 13:30	507600	13.476	10.735	249.244	5181.016	249.244	5181.016
8/12/2009 13:35	507900	13.476	10.738	249.244	5181.016	249.244	5181.016
8/12/2009 13:40	508200	13.474	10.736	249.248	5181.012	249.248	5181.012
8/12/2009 13:45	508500	13.478	10.736	249.239	5181.021	249.239	5181.021
8/12/2009 13:50	508800	13.477	10.735	249.240	5181.020	249.240	5181.020
8/12/2009 13:55	509100	13.475	10.736	249.247	5181.013	249.247	5181.013
8/12/2009 14:00	509400	13.480	10.735	249.235	5181.025	249.235	5181.025
8/12/2009 14:05	509700	13.479	10.733	249.238	5181.022	249.238	5181.022
8/12/2009 14:10	510000	13.477	10.735	249.241	5181.019	249.241	5181.019
8/12/2009 14:15	510300	13.482	10.734	249.230	5181.030	249.230	5181.030
8/12/2009 14:20	510600	13.482	10.734	249.231	5181.029	249.231	5181.029
8/12/2009 14:25	510900	13.482	10.736	249.231	5181.029	249.231	5181.029
8/12/2009 14:30	511200	13.483	10.734	249.227	5181.033	249.227	5181.033
8/12/2009 14:35	511500	13.484	10.734	249.226	5181.034	249.226	5181.034
8/12/2009 14:40	511800	13.484	10.734	249.224	5181.036	249.224	5181.036
8/12/2009 14:45	512100	13.483	10.734	249.227	5181.033	249.227	5181.033
8/12/2009 14:50	512400	13.486	10.733	249.221	5181.039	249.221	5181.039
8/12/2009 14:55	512700	13.487	10.735	249.217	5181.043	249.217	5181.043
8/12/2009 15:00	513000	13.488	10.735	249.215	5181.045	249.215	5181.045
8/12/2009 15:05	513300	13.487	10.735	249.217	5181.043	249.217	5181.043
8/12/2009 15:10	513600	13.489	10.735	249.214	5181.046	249.214	5181.046
8/12/2009 15:15	513900	13.489	10.733	249.213	5181.047	249.213	5181.047
8/12/2009 15:20	514200	13.490	10.734	249.211	5181.049	249.211	5181.049
8/12/2009 15:25	514500	13.491	10.733	249.208	5181.052	249.208	5181.052
8/12/2009 15:30	514800	13.491	10.734	249.208	5181.052	249.208	5181.052
8/12/2009 15:35	515100	13.491	10.733	249.210	5181.050	249.210	5181.050
8/12/2009 15:40	515400	13.493	10.735	249.205	5181.055	249.205	5181.055
8/12/2009 15:45	515700	13.495	10.737	249.200	5181.060	249.200	5181.060
8/12/2009 15:50	516000	13.494	10.734	249.201	5181.059	249.201	5181.059
8/12/2009 15:55	516300	13.493	10.734	249.204	5181.056	249.204	5181.056
8/12/2009 16:00	516600	13.495	10.737	249.200	5181.060	249.200	5181.060
8/12/2009 16:05	516900	13.494	10.740	249.202	5181.058	249.202	5181.058
8/12/2009 16:10	517200	13.495	10.737	249.200	5181.060	249.200	5181.060
8/12/2009 16:15	517500	13.495	10.735	249.199	5181.061	249.199	5181.061
8/12/2009 16:20	517800	13.496	10.735	249.197	5181.063	249.197	5181.063
8/12/2009 16:25	518100	13.496	10.736	249.197	5181.063	249.197	5181.063
8/12/2009 16:30	518400	13.498	10.733	249.193	5181.067	249.193	5181.067
8/12/2009 16:35	518700	13.496	10.739	249.198	5181.062	249.198	5181.062
8/12/2009 16:40	519000	13.498	10.734	249.194	5181.066	249.194	5181.066
8/12/2009 16:45	519300	13.496	10.737	249.197	5181.063	249.197	5181.063
8/12/2009 16:50	519600	13.495	10.736	249.200	5181.060	249.200	5181.060
8/12/2009 16:55	519900	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 17:00	520200	13.497	10.738	249.195	5181.065	249.195	5181.065
8/12/2009 17:05	520500	13.500	10.737	249.189	5181.071	249.189	5181.071

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/12/2009 17:10	520800	13.500	10.737	249.188	5181.072	249.188	5181.072
8/12/2009 17:15	521100	13.499	10.736	249.191	5181.069	249.191	5181.069
8/12/2009 17:20	521400	13.501	10.736	249.187	5181.073	249.187	5181.073
8/12/2009 17:25	521700	13.498	10.738	249.193	5181.067	249.193	5181.067
8/12/2009 17:30	522000	13.500	10.735	249.188	5181.072	249.188	5181.072
8/12/2009 17:35	522300	13.501	10.736	249.186	5181.074	249.186	5181.074
8/12/2009 17:40	522600	13.499	10.734	249.191	5181.069	249.191	5181.069
8/12/2009 17:45	522900	13.499	10.736	249.190	5181.070	249.190	5181.070
8/12/2009 17:50	523200	13.503	10.736	249.180	5181.080	249.180	5181.080
8/12/2009 17:55	523500	13.503	10.733	249.181	5181.079	249.181	5181.079
8/12/2009 18:00	523800	13.504	10.735	249.180	5181.080	249.180	5181.080
8/12/2009 18:05	524100	13.501	10.735	249.186	5181.074	249.186	5181.074
8/12/2009 18:10	524400	13.505	10.734	249.178	5181.082	249.178	5181.082
8/12/2009 18:15	524700	13.504	10.735	249.179	5181.081	249.179	5181.081
8/12/2009 18:20	525000	13.501	10.736	249.185	5181.075	249.185	5181.075
8/12/2009 18:25	525300	13.503	10.734	249.181	5181.079	249.181	5181.079
8/12/2009 18:30	525600	13.504	10.734	249.180	5181.080	249.180	5181.080
8/12/2009 18:35	525900	13.502	10.735	249.184	5181.076	249.184	5181.076
8/12/2009 18:40	526200	13.501	10.734	249.187	5181.073	249.187	5181.073
8/12/2009 18:45	526500	13.501	10.736	249.186	5181.074	249.186	5181.074
8/12/2009 18:50	526800	13.502	10.738	249.184	5181.076	249.184	5181.076
8/12/2009 18:55	527100	13.501	10.736	249.186	5181.074	249.186	5181.074
8/12/2009 19:00	527400	13.503	10.736	249.181	5181.079	249.181	5181.079
8/12/2009 19:05	527700	13.503	10.736	249.180	5181.080	249.180	5181.080
8/12/2009 19:10	528000	13.503	10.735	249.182	5181.078	249.182	5181.078
8/12/2009 19:15	528300	13.503	10.737	249.181	5181.079	249.181	5181.079
8/12/2009 19:20	528600	13.502	10.737	249.182	5181.078	249.182	5181.078
8/12/2009 19:25	528900	13.500	10.736	249.188	5181.072	249.188	5181.072
8/12/2009 19:30	529200	13.503	10.738	249.180	5181.080	249.180	5181.080
8/12/2009 19:35	529500	13.504	10.735	249.180	5181.080	249.180	5181.080
8/12/2009 19:40	529800	13.504	10.738	249.178	5181.082	249.178	5181.082
8/12/2009 19:45	530100	13.503	10.738	249.182	5181.078	249.182	5181.078
8/12/2009 19:50	530400	13.503	10.738	249.182	5181.078	249.182	5181.078
8/12/2009 19:55	530700	13.499	10.740	249.191	5181.069	249.191	5181.069
8/12/2009 20:00	531000	13.502	10.737	249.184	5181.076	249.184	5181.076
8/12/2009 20:05	531300	13.502	10.740	249.183	5181.077	249.183	5181.077
8/12/2009 20:10	531600	13.502	10.738	249.185	5181.075	249.185	5181.075
8/12/2009 20:15	531900	13.501	10.741	249.185	5181.075	249.185	5181.075
8/12/2009 20:20	532200	13.499	10.736	249.190	5181.070	249.190	5181.070
8/12/2009 20:25	532500	13.500	10.740	249.189	5181.071	249.189	5181.071
8/12/2009 20:30	532800	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 20:35	533100	13.502	10.738	249.184	5181.076	249.184	5181.076
8/12/2009 20:40	533400	13.501	10.736	249.186	5181.074	249.186	5181.074
8/12/2009 20:45	533700	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 20:50	534000	13.501	10.739	249.186	5181.074	249.186	5181.074
8/12/2009 20:55	534300	13.502	10.740	249.183	5181.077	249.183	5181.077
8/12/2009 21:00	534600	13.498	10.734	249.193	5181.067	249.193	5181.067
8/12/2009 21:05	534900	13.497	10.737	249.196	5181.064	249.196	5181.064
8/12/2009 21:10	535200	13.500	10.737	249.189	5181.071	249.189	5181.071
8/12/2009 21:15	535500	13.500	10.739	249.188	5181.072	249.188	5181.072
8/12/2009 21:20	535800	13.499	10.736	249.191	5181.069	249.191	5181.069
8/12/2009 21:25	536100	13.500	10.741	249.189	5181.071	249.189	5181.071
8/12/2009 21:30	536400	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 21:35	536700	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 21:40	537000	13.499	10.739	249.191	5181.069	249.191	5181.069
8/12/2009 21:45	537300	13.498	10.737	249.192	5181.068	249.192	5181.068

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/12/2009 21:50	537600	13.495	10.739	249.201	5181.059	249.201	5181.059
8/12/2009 21:55	537900	13.499	10.738	249.191	5181.069	249.191	5181.069
8/12/2009 22:00	538200	13.500	10.739	249.189	5181.071	249.189	5181.071
8/12/2009 22:05	538500	13.498	10.739	249.192	5181.068	249.192	5181.068
8/12/2009 22:10	538800	13.500	10.742	249.188	5181.072	249.188	5181.072
8/12/2009 22:15	539100	13.498	10.740	249.193	5181.067	249.193	5181.067
8/12/2009 22:20	539400	13.501	10.740	249.187	5181.073	249.187	5181.073
8/12/2009 22:25	539700	13.497	10.740	249.196	5181.064	249.196	5181.064
8/12/2009 22:30	540000	13.496	10.741	249.197	5181.063	249.197	5181.063
8/12/2009 22:35	540300	13.501	10.738	249.187	5181.073	249.187	5181.073
8/12/2009 22:40	540600	13.499	10.737	249.191	5181.069	249.191	5181.069
8/12/2009 22:45	540900	13.498	10.737	249.193	5181.067	249.193	5181.067
8/12/2009 22:50	541200	13.499	10.736	249.190	5181.070	249.190	5181.070
8/12/2009 22:55	541500	13.500	10.737	249.188	5181.072	249.188	5181.072
8/12/2009 23:00	541800	13.498	10.739	249.192	5181.068	249.192	5181.068
8/12/2009 23:05	542100	13.501	10.735	249.185	5181.075	249.185	5181.075
8/12/2009 23:10	542400	13.502	10.737	249.184	5181.076	249.184	5181.076
8/12/2009 23:15	542700	13.501	10.738	249.186	5181.074	249.186	5181.074
8/12/2009 23:20	543000	13.500	10.738	249.188	5181.072	249.188	5181.072
8/12/2009 23:25	543300	13.497	10.740	249.195	5181.065	249.195	5181.065
8/12/2009 23:30	543600	13.500	10.740	249.189	5181.071	249.189	5181.071
8/12/2009 23:35	543900	13.499	10.738	249.190	5181.070	249.190	5181.070
8/12/2009 23:40	544200	13.496	10.739	249.198	5181.062	249.198	5181.062
8/12/2009 23:45	544500	13.498	10.741	249.193	5181.067	249.193	5181.067
8/12/2009 23:50	544800	13.496	10.742	249.198	5181.062	249.198	5181.062
8/12/2009 23:55	545100	13.498	10.738	249.194	5181.066	249.194	5181.066
8/13/2009 0:00	545400	13.496	10.736	249.198	5181.062	249.198	5181.062
8/13/2009 0:05	545700	13.500	10.737	249.189	5181.071	249.189	5181.071
8/13/2009 0:10	546000	13.499	10.738	249.191	5181.069	249.191	5181.069
8/13/2009 0:15	546300	13.498	10.736	249.193	5181.067	249.193	5181.067
8/13/2009 0:20	546600	13.502	10.736	249.184	5181.076	249.184	5181.076
8/13/2009 0:25	546900	13.500	10.737	249.188	5181.072	249.188	5181.072
8/13/2009 0:30	547200	13.499	10.740	249.190	5181.070	249.190	5181.070
8/13/2009 0:35	547500	13.499	10.740	249.191	5181.069	249.191	5181.069
8/13/2009 0:40	547800	13.496	10.740	249.197	5181.063	249.197	5181.063
8/13/2009 0:45	548100	13.495	10.737	249.199	5181.061	249.199	5181.061
8/13/2009 0:50	548400	13.498	10.738	249.194	5181.066	249.194	5181.066
8/13/2009 0:55	548700	13.494	10.741	249.202	5181.058	249.202	5181.058
8/13/2009 1:00	549000	13.496	10.740	249.198	5181.062	249.198	5181.062
8/13/2009 1:05	549300	13.497	10.739	249.195	5181.065	249.195	5181.065
8/13/2009 1:10	549600	13.498	10.739	249.192	5181.068	249.192	5181.068
8/13/2009 1:15	549900	13.499	10.738	249.190	5181.070	249.190	5181.070
8/13/2009 1:20	550200	13.500	10.739	249.189	5181.071	249.189	5181.071
8/13/2009 1:25	550500	13.498	10.739	249.193	5181.067	249.193	5181.067
8/13/2009 1:30	550800	13.498	10.741	249.193	5181.067	249.193	5181.067
8/13/2009 1:35	551100	13.500	10.741	249.189	5181.071	249.189	5181.071
8/13/2009 1:40	551400	13.501	10.742	249.186	5181.074	249.186	5181.074
8/13/2009 1:45	551700	13.503	10.742	249.180	5181.080	249.180	5181.080
8/13/2009 1:50	552000	13.502	10.739	249.183	5181.077	249.183	5181.077
8/13/2009 1:55	552300	13.504	10.740	249.179	5181.081	249.179	5181.081
8/13/2009 2:00	552600	13.503	10.740	249.181	5181.079	249.181	5181.079
8/13/2009 2:05	552900	13.505	10.737	249.176	5181.084	249.176	5181.084
8/13/2009 2:10	553200	13.505	10.740	249.177	5181.083	249.177	5181.083
8/13/2009 2:15	553500	13.506	10.740	249.175	5181.085	249.175	5181.085
8/13/2009 2:20	553800	13.506	10.740	249.174	5181.086	249.174	5181.086
8/13/2009 2:25	554100	13.507	10.737	249.172	5181.088	249.172	5181.088

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/13/2009 2:30	554400	13.504	10.739	249.179	5181.081	249.179	5181.081
8/13/2009 2:35	554700	13.504	10.738	249.178	5181.082	249.178	5181.082
8/13/2009 2:40	555000	13.507	10.741	249.173	5181.087	249.173	5181.087
8/13/2009 2:45	555300	13.507	10.742	249.173	5181.087	249.173	5181.087
8/13/2009 2:50	555600	13.507	10.737	249.172	5181.088	249.172	5181.088
8/13/2009 2:55	555900	13.510	10.741	249.166	5181.094	249.166	5181.094
8/13/2009 3:00	556200	13.510	10.740	249.164	5181.096	249.164	5181.096
8/13/2009 3:05	556500	13.509	10.737	249.166	5181.094	249.166	5181.094
8/13/2009 3:10	556800	13.512	10.739	249.161	5181.099	249.161	5181.099
8/13/2009 3:15	557100	13.512	10.736	249.161	5181.099	249.161	5181.099
8/13/2009 3:20	557400	13.513	10.735	249.157	5181.103	249.157	5181.103
8/13/2009 3:25	557700	13.513	10.736	249.157	5181.103	249.157	5181.103
8/13/2009 3:30	558000	13.514	10.734	249.156	5181.104	249.156	5181.104
8/13/2009 3:35	558300	13.514	10.736	249.155	5181.105	249.155	5181.105
8/13/2009 3:40	558600	13.515	10.733	249.153	5181.107	249.153	5181.107
8/13/2009 3:45	558900	13.514	10.734	249.157	5181.103	249.157	5181.103
8/13/2009 3:50	559200	13.514	10.735	249.156	5181.104	249.156	5181.104
8/13/2009 3:55	559500	13.515	10.734	249.153	5181.107	249.153	5181.107
8/13/2009 4:00	559800	13.514	10.735	249.155	5181.105	249.155	5181.105
8/13/2009 4:05	560100	13.513	10.734	249.158	5181.102	249.158	5181.102
8/13/2009 4:10	560400	13.515	10.738	249.154	5181.106	249.154	5181.106
8/13/2009 4:15	560700	13.517	10.738	249.149	5181.111	249.149	5181.111
8/13/2009 4:20	561000	13.516	10.737	249.152	5181.108	249.152	5181.108
8/13/2009 4:25	561300	13.513	10.735	249.158	5181.102	249.158	5181.102
8/13/2009 4:30	561600	13.516	10.736	249.152	5181.108	249.152	5181.108
8/13/2009 4:35	561900	13.511	10.738	249.163	5181.097	249.163	5181.097
8/13/2009 4:40	562200	13.513	10.736	249.159	5181.101	249.159	5181.101
8/13/2009 4:45	562500	13.515	10.738	249.152	5181.108	249.152	5181.108
8/13/2009 4:50	562800	13.516	10.735	249.151	5181.109	249.151	5181.109
8/13/2009 4:55	563100	13.517	10.738	249.148	5181.112	249.148	5181.112
8/13/2009 5:00	563400	13.516	10.742	249.150	5181.110	249.150	5181.110
8/13/2009 5:05	563700	13.518	10.741	249.147	5181.113	249.147	5181.113
8/13/2009 5:10	564000	13.519	10.739	249.145	5181.115	249.145	5181.115
8/13/2009 5:15	564300	13.520	10.736	249.143	5181.117	249.143	5181.117
8/13/2009 5:20	564600	13.518	10.738	249.146	5181.114	249.146	5181.114
8/13/2009 5:25	564900	13.517	10.739	249.149	5181.111	249.149	5181.111
8/13/2009 5:30	565200	13.515	10.742	249.155	5181.105	249.155	5181.105
8/13/2009 5:35	565500	13.515	10.742	249.153	5181.107	249.153	5181.107
8/13/2009 5:40	565800	13.512	10.743	249.160	5181.100	249.160	5181.100
8/13/2009 5:45	566100	13.515	10.743	249.154	5181.106	249.154	5181.106
8/13/2009 5:50	566400	13.514	10.741	249.155	5181.105	249.155	5181.105
8/13/2009 5:55	566700	13.513	10.740	249.157	5181.103	249.157	5181.103
8/13/2009 6:00	567000	13.515	10.741	249.153	5181.107	249.153	5181.107
8/13/2009 6:05	567300	13.513	10.742	249.157	5181.103	249.157	5181.103
8/13/2009 6:10	567600	13.513	10.742	249.157	5181.103	249.157	5181.103
8/13/2009 6:15	567900	13.515	10.740	249.153	5181.107	249.153	5181.107
8/13/2009 6:20	568200	13.515	10.739	249.153	5181.107	249.153	5181.107
8/13/2009 6:25	568500	13.515	10.740	249.152	5181.108	249.152	5181.108
8/13/2009 6:30	568800	13.515	10.738	249.153	5181.107	249.153	5181.107
8/13/2009 6:35	569100	13.516	10.740	249.152	5181.108	249.152	5181.108
8/13/2009 6:40	569400	13.516	10.738	249.151	5181.109	249.151	5181.109
8/13/2009 6:45	569700	13.514	10.737	249.155	5181.105	249.155	5181.105
8/13/2009 6:50	570000	13.514	10.741	249.155	5181.105	249.155	5181.105
8/13/2009 6:55	570300	13.515	10.737	249.153	5181.107	249.153	5181.107
8/13/2009 7:00	570600	13.514	10.740	249.155	5181.105	249.155	5181.105
8/13/2009 7:05	570900	13.513	10.726	249.159	5181.101	249.159	5181.101

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/13/2009 7:10	571200	13.516	10.738	249.151	5181.109	249.151	5181.109
8/13/2009 7:15	571500	13.516	10.735	249.151	5181.109	249.151	5181.109
8/13/2009 7:20	571800	13.517	10.738	249.149	5181.111	249.149	5181.111
8/13/2009 7:25	572100	13.516	10.739	249.151	5181.109	249.151	5181.109
8/13/2009 7:30	572400	13.514	10.736	249.155	5181.105	249.155	5181.105
8/13/2009 7:35	572700	13.517	10.738	249.149	5181.111	249.149	5181.111
8/13/2009 7:40	573000	13.516	10.740	249.152	5181.108	249.152	5181.108
8/13/2009 7:45	573300	13.515	10.740	249.152	5181.108	249.152	5181.108
8/13/2009 7:50	573600	13.515	10.736	249.153	5181.107	249.153	5181.107
8/13/2009 7:55	573900	13.512	10.739	249.162	5181.098	249.162	5181.098
8/13/2009 8:00	574200	13.517	10.741	249.149	5181.111	249.149	5181.111
8/13/2009 8:05	574500	13.517	10.742	249.149	5181.111	249.149	5181.111
8/13/2009 8:10	574800	13.516	10.742	249.151	5181.109	249.151	5181.109
8/13/2009 8:15	575100	13.510	10.739	249.165	5181.095	249.165	5181.095
8/13/2009 8:20	575400	13.514	10.742	249.155	5181.105	249.155	5181.105
8/13/2009 8:25	575700	13.514	10.739	249.156	5181.104	249.156	5181.104
8/13/2009 8:30	576000	13.513	10.737	249.159	5181.101	249.159	5181.101
8/13/2009 8:35	576300	13.509	10.738	249.166	5181.094	249.166	5181.094
8/13/2009 8:40	576600	13.510	10.740	249.165	5181.095	249.165	5181.095
8/13/2009 8:45	576900	13.513	10.740	249.158	5181.102	249.158	5181.102
8/13/2009 8:50	577200	13.509	10.739	249.168	5181.092	249.168	5181.092
8/13/2009 8:55	577500	13.512	10.739	249.160	5181.100	249.160	5181.100
8/13/2009 9:00	577800	13.510	10.738	249.165	5181.095	249.165	5181.095
8/13/2009 9:05	578100	13.513	10.736	249.159	5181.101	249.159	5181.101
8/13/2009 9:10	578400	13.510	10.739	249.164	5181.096	249.164	5181.096
8/13/2009 9:15	578700	13.510	10.737	249.165	5181.095	249.165	5181.095
8/13/2009 9:20	579000	13.509	10.739	249.168	5181.092	249.168	5181.092
8/13/2009 9:25	579300	13.512	10.736	249.161	5181.099	249.161	5181.099
8/13/2009 9:30	579600	13.513	10.734	249.159	5181.101	249.159	5181.101
8/13/2009 9:35	579900	13.514	10.739	249.155	5181.105	249.155	5181.105
8/13/2009 9:40	580200	13.512	10.735	249.161	5181.099	249.161	5181.099
8/13/2009 9:45	580500	13.512	10.733	249.160	5181.100	249.160	5181.100
8/13/2009 9:50	580800	13.510	10.740	249.165	5181.095	249.165	5181.095
8/13/2009 9:55	581100	13.512	10.737	249.160	5181.100	249.160	5181.100
8/13/2009 10:00	581400	13.513	10.739	249.157	5181.103	249.157	5181.103
8/13/2009 10:05	581700	13.513	10.738	249.157	5181.103	249.157	5181.103
8/13/2009 10:10	582000	13.513	10.736	249.157	5181.103	249.157	5181.103
8/13/2009 10:15	582300	13.513	10.739	249.158	5181.102	249.158	5181.102
8/13/2009 10:20	582600	13.511	10.738	249.163	5181.097	249.163	5181.097
8/13/2009 10:25	582900	13.517	10.739	249.150	5181.110	249.150	5181.110
8/13/2009 10:30	583200	13.511	10.740	249.162	5181.098	249.162	5181.098
8/13/2009 10:35	583500	13.515	10.739	249.154	5181.106	249.154	5181.106
8/13/2009 10:40	583800	13.510	10.740	249.166	5181.094	249.166	5181.094
8/13/2009 10:45	584100	13.511	10.740	249.162	5181.098	249.162	5181.098
8/13/2009 10:50	584400	13.510	10.737	249.164	5181.096	249.164	5181.096
8/13/2009 10:55	584700	13.512	10.736	249.160	5181.100	249.160	5181.100
8/13/2009 11:00	585000	13.514	10.739	249.156	5181.104	249.156	5181.104
8/13/2009 11:05	585300	13.511	10.735	249.164	5181.096	249.164	5181.096
8/13/2009 11:10	585600	13.512	10.739	249.160	5181.100	249.160	5181.100
8/13/2009 11:15	585900	13.512	10.739	249.159	5181.101	249.159	5181.101
8/13/2009 11:20	586200	13.514	10.740	249.156	5181.104	249.156	5181.104
8/13/2009 11:25	586500	13.513	10.740	249.158	5181.102	249.158	5181.102
8/13/2009 11:30	586800	13.515	10.738	249.155	5181.105	249.155	5181.105
8/13/2009 11:35	587100	13.515	10.737	249.154	5181.106	249.154	5181.106
8/13/2009 11:40	587400	13.515	10.739	249.153	5181.107	249.153	5181.107
8/13/2009 11:45	587700	13.515	10.740	249.153	5181.107	249.153	5181.107

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/13/2009 11:50	588000	13.515	10.740	249.154	5181.106	249.154	5181.106
8/13/2009 11:55	588300	13.515	10.739	249.153	5181.107	249.153	5181.107
8/13/2009 12:00	588600	13.517	10.740	249.149	5181.111	249.149	5181.111
8/13/2009 12:05	588900	13.516	10.737	249.152	5181.108	249.152	5181.108
8/13/2009 12:10	589200	13.516	10.741	249.151	5181.109	249.151	5181.109
8/13/2009 12:15	589500	13.515	10.742	249.153	5181.107	249.153	5181.107
8/13/2009 12:20	589800	13.518	10.737	249.147	5181.113	249.147	5181.113
8/13/2009 12:25	590100	13.517	10.741	249.149	5181.111	249.149	5181.111
8/13/2009 12:30	590400	13.519	10.738	249.145	5181.115	249.145	5181.115
8/13/2009 12:35	590700	13.519	10.739	249.145	5181.115	249.145	5181.115
8/13/2009 12:40	591000	13.518	10.741	249.147	5181.113	249.147	5181.113
8/13/2009 12:45	591300	13.519	10.738	249.143	5181.117	249.143	5181.117
8/13/2009 12:50	591600	13.521	10.740	249.140	5181.120	249.140	5181.120
8/13/2009 12:55	591900	13.519	10.737	249.144	5181.116	249.144	5181.116
8/13/2009 13:00	592200	13.516	10.741	249.151	5181.109	249.151	5181.109
8/13/2009 13:05	592500	13.521	10.740	249.140	5181.120	249.140	5181.120
8/13/2009 13:10	592800	13.522	10.738	249.137	5181.123	249.137	5181.123
8/13/2009 13:15	593100	13.522	10.739	249.137	5181.123	249.137	5181.123
8/13/2009 13:20	593400	13.523	10.740	249.136	5181.124	249.136	5181.124
8/13/2009 13:25	593700	13.523	10.740	249.136	5181.124	249.136	5181.124
8/13/2009 13:30	594000	13.521	10.740	249.139	5181.121	249.139	5181.121
8/13/2009 13:35	594300	13.521	10.741	249.140	5181.120	249.140	5181.120
8/13/2009 13:40	594600	13.523	10.737	249.134	5181.126	249.134	5181.126
8/13/2009 13:45	594900	13.521	10.738	249.139	5181.121	249.139	5181.121
8/13/2009 13:50	595200	13.522	10.740	249.138	5181.122	249.138	5181.122
8/13/2009 13:55	595500	13.525	10.737	249.130	5181.130	249.130	5181.130
8/13/2009 14:00	595800	13.525	10.740	249.130	5181.130	249.130	5181.130
8/13/2009 14:05	596100	13.528	10.739	249.124	5181.136	249.124	5181.136
8/13/2009 14:10	596400	13.528	10.741	249.124	5181.136	249.124	5181.136
8/13/2009 14:15	596700	13.526	10.738	249.127	5181.133	249.127	5181.133
8/13/2009 14:20	597000	13.529	10.740	249.121	5181.139	249.121	5181.139
8/13/2009 14:25	597300	13.526	10.741	249.128	5181.132	249.128	5181.132
8/13/2009 14:30	597600	13.530	10.740	249.120	5181.140	249.120	5181.140
8/13/2009 14:35	597900	13.531	10.740	249.117	5181.143	249.117	5181.143
8/13/2009 14:40	598200	13.532	10.739	249.114	5181.146	249.114	5181.146
8/13/2009 14:45	598500	13.533	10.742	249.113	5181.147	249.113	5181.147
8/13/2009 14:50	598800	13.533	10.737	249.112	5181.148	249.112	5181.148
8/13/2009 14:55	599100	13.535	10.737	249.108	5181.152	249.108	5181.152
8/13/2009 15:00	599400	13.535	10.737	249.108	5181.152	249.108	5181.152
8/13/2009 15:05	599700	13.535	10.741	249.107	5181.153	249.107	5181.153
8/13/2009 15:10	600000	13.536	10.737	249.106	5181.154	249.106	5181.154
8/13/2009 15:15	600300	13.537	10.737	249.104	5181.156	249.104	5181.156
8/13/2009 15:20	600600	13.538	10.736	249.101	5181.159	249.101	5181.159
8/13/2009 15:25	600900	13.536	10.738	249.106	5181.154	249.106	5181.154
8/13/2009 15:30	601200	13.540	10.738	249.096	5181.164	249.096	5181.164
8/13/2009 15:35	601500	13.537	10.737	249.102	5181.158	249.102	5181.158
8/13/2009 15:40	601800	13.541	10.742	249.093	5181.167	249.093	5181.167
8/13/2009 15:45	602100	13.541	10.741	249.093	5181.167	249.093	5181.167
8/13/2009 15:50	602400	13.542	10.741	249.092	5181.168	249.092	5181.168
8/13/2009 15:55	602700	13.543	10.742	249.089	5181.171	249.089	5181.171
8/13/2009 16:00	603000	13.540	10.737	249.096	5181.164	249.096	5181.164
8/13/2009 16:05	603300	13.543	10.740	249.088	5181.172	249.088	5181.172
8/13/2009 16:10	603600	13.543	10.741	249.088	5181.172	249.088	5181.172
8/13/2009 16:15	603900	13.541	10.742	249.095	5181.165	249.095	5181.165
8/13/2009 16:20	604200	13.540	10.741	249.096	5181.164	249.096	5181.164
8/13/2009 16:25	604500	13.543	10.742	249.088	5181.172	249.088	5181.172

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/13/2009 16:30	604800	13.545	10.742	249.084	5181.176	249.084	5181.176
8/13/2009 16:35	605100	13.546	10.739	249.081	5181.179	249.081	5181.179
8/13/2009 16:40	605400	13.545	10.741	249.083	5181.177	249.083	5181.177
8/13/2009 16:45	605700	13.546	10.740	249.082	5181.178	249.082	5181.178
8/13/2009 16:50	606000	13.549	10.736	249.075	5181.185	249.075	5181.185
8/13/2009 16:55	606300	13.548	10.741	249.078	5181.182	249.078	5181.182
8/13/2009 17:00	606600	13.549	10.738	249.076	5181.184	249.076	5181.184
8/13/2009 17:05	606900	13.550	10.741	249.073	5181.187	249.073	5181.187
8/13/2009 17:10	607200	13.548	10.740	249.078	5181.182	249.078	5181.182
8/13/2009 17:15	607500	13.551	10.739	249.071	5181.189	249.071	5181.189
8/13/2009 17:20	607800	13.548	10.739	249.077	5181.183	249.077	5181.183
8/13/2009 17:25	608100	13.548	10.741	249.077	5181.183	249.077	5181.183
8/13/2009 17:30	608400	13.552	10.740	249.069	5181.191	249.069	5181.191
8/13/2009 17:35	608700	13.547	10.741	249.080	5181.180	249.080	5181.180
8/13/2009 17:40	609000	13.552	10.737	249.068	5181.192	249.068	5181.192
8/13/2009 17:45	609300	13.552	10.736	249.068	5181.192	249.068	5181.192
8/13/2009 17:50	609600	13.553	10.740	249.066	5181.194	249.066	5181.194
8/13/2009 17:55	609900	13.553	10.737	249.065	5181.195	249.065	5181.195
8/13/2009 18:00	610200	13.556	10.736	249.060	5181.200	249.060	5181.200
8/13/2009 18:05	610500	13.554	10.736	249.064	5181.196	249.064	5181.196
8/13/2009 18:10	610800	13.550	10.738	249.072	5181.188	249.072	5181.188
8/13/2009 18:15	611100	13.554	10.736	249.063	5181.197	249.063	5181.197
8/13/2009 18:20	611400	13.555	10.738	249.062	5181.198	249.062	5181.198
8/13/2009 18:25	611700	13.553	10.738	249.066	5181.194	249.066	5181.194
8/13/2009 18:30	612000	13.556	10.738	249.058	5181.202	249.058	5181.202
8/13/2009 18:35	612300	13.555	10.736	249.061	5181.199	249.061	5181.199
8/13/2009 18:40	612600	13.555	10.739	249.062	5181.198	249.062	5181.198
8/13/2009 18:45	612900	13.558	10.738	249.055	5181.205	249.055	5181.205
8/13/2009 18:50	613200	13.558	10.741	249.054	5181.206	249.054	5181.206
8/13/2009 18:55	613500	13.559	10.737	249.052	5181.208	249.052	5181.208
8/13/2009 19:00	613800	13.560	10.739	249.050	5181.210	249.050	5181.210
8/13/2009 19:05	614100	13.560	10.740	249.050	5181.210	249.050	5181.210
8/13/2009 19:10	614400	13.560	10.739	249.049	5181.211	249.049	5181.211
8/13/2009 19:15	614700	13.560	10.740	249.051	5181.209	249.051	5181.209
8/13/2009 19:20	615000	13.560	10.738	249.050	5181.210	249.050	5181.210
8/13/2009 19:25	615300	13.559	10.741	249.051	5181.209	249.051	5181.209
8/13/2009 19:30	615600	13.559	10.741	249.052	5181.208	249.052	5181.208
8/13/2009 19:35	615900	13.560	10.738	249.049	5181.211	249.049	5181.211
8/13/2009 19:40	616200	13.562	10.738	249.046	5181.214	249.046	5181.214
8/13/2009 19:45	616500	13.561	10.742	249.047	5181.213	249.047	5181.213
8/13/2009 19:50	616800	13.558	10.741	249.054	5181.206	249.054	5181.206
8/13/2009 19:55	617100	13.561	10.743	249.047	5181.213	249.047	5181.213
8/13/2009 20:00	617400	13.558	10.739	249.053	5181.207	249.053	5181.207
8/13/2009 20:05	617700	13.560	10.738	249.049	5181.211	249.049	5181.211
8/13/2009 20:10	618000	13.561	10.742	249.048	5181.212	249.048	5181.212
8/13/2009 20:15	618300	13.560	10.740	249.049	5181.211	249.049	5181.211
8/13/2009 20:20	618600	13.559	10.742	249.053	5181.207	249.053	5181.207
8/13/2009 20:25	618900	13.558	10.740	249.053	5181.207	249.053	5181.207
8/13/2009 20:30	619200	13.559	10.739	249.052	5181.208	249.052	5181.208
8/13/2009 20:35	619500	13.557	10.742	249.057	5181.203	249.057	5181.203
8/13/2009 20:40	619800	13.560	10.741	249.050	5181.210	249.050	5181.210
8/13/2009 20:45	620100	13.559	10.741	249.053	5181.207	249.053	5181.207
8/13/2009 20:50	620400	13.559	10.740	249.052	5181.208	249.052	5181.208
8/13/2009 20:55	620700	13.556	10.744	249.059	5181.201	249.059	5181.201
8/13/2009 21:00	621000	13.557	10.739	249.057	5181.203	249.057	5181.203
8/13/2009 21:05	621300	13.556	10.740	249.059	5181.201	249.059	5181.201

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/13/2009 21:10	621600	13.554	10.739	249.063	5181.197	249.063	5181.197
8/13/2009 21:15	621900	13.554	10.740	249.063	5181.197	249.063	5181.197
8/13/2009 21:20	622200	13.551	10.738	249.070	5181.190	249.070	5181.190
8/13/2009 21:25	622500	13.546	10.738	249.082	5181.178	249.082	5181.178
8/13/2009 21:30	622800	13.547	10.738	249.079	5181.181	249.079	5181.181
8/13/2009 21:35	623100	13.552	10.737	249.068	5181.192	249.068	5181.192
8/13/2009 21:40	623400	13.553	10.737	249.067	5181.193	249.067	5181.193
8/13/2009 21:45	623700	13.555	10.736	249.060	5181.200	249.060	5181.200
8/13/2009 21:50	624000	13.554	10.737	249.062	5181.198	249.062	5181.198
8/13/2009 21:55	624300	13.560	10.740	249.050	5181.210	249.050	5181.210
8/13/2009 22:00	624600	13.555	10.736	249.060	5181.200	249.060	5181.200
8/13/2009 22:05	624900	13.549	10.739	249.075	5181.185	249.075	5181.185
8/13/2009 22:10	625200	13.554	10.740	249.063	5181.197	249.063	5181.197
8/13/2009 22:15	625500	13.553	10.739	249.065	5181.195	249.065	5181.195
8/13/2009 22:20	625800	13.550	10.740	249.074	5181.186	249.074	5181.186
8/13/2009 22:25	626100	13.550	10.742	249.072	5181.188	249.072	5181.188
8/13/2009 22:30	626400	13.549	10.740	249.076	5181.184	249.076	5181.184
8/13/2009 22:35	626700	13.546	10.739	249.082	5181.178	249.082	5181.178
8/13/2009 22:40	627000	13.549	10.737	249.075	5181.185	249.075	5181.185
8/13/2009 22:45	627300	13.547	10.736	249.079	5181.181	249.079	5181.181
8/13/2009 22:50	627600	13.546	10.737	249.082	5181.178	249.082	5181.178
8/13/2009 22:55	627900	13.543	10.739	249.090	5181.170	249.090	5181.170
8/13/2009 23:00	628200	13.544	10.739	249.086	5181.174	249.086	5181.174
8/13/2009 23:05	628500	13.548	10.737	249.077	5181.183	249.077	5181.183
8/13/2009 23:10	628800	13.542	10.739	249.092	5181.168	249.092	5181.168
8/13/2009 23:15	629100	13.543	10.735	249.088	5181.172	249.088	5181.172
8/13/2009 23:20	629400	13.545	10.738	249.084	5181.176	249.084	5181.176
8/13/2009 23:25	629700	13.545	10.738	249.085	5181.175	249.085	5181.175
8/13/2009 23:30	630000	13.547	10.737	249.080	5181.180	249.080	5181.180
8/13/2009 23:35	630300	13.546	10.738	249.083	5181.177	249.083	5181.177
8/13/2009 23:40	630600	13.546	10.740	249.082	5181.178	249.082	5181.178
8/13/2009 23:45	630900	13.547	10.741	249.080	5181.180	249.080	5181.180
8/13/2009 23:50	631200	13.547	10.739	249.079	5181.181	249.079	5181.181
8/13/2009 23:55	631500	13.545	10.739	249.085	5181.175	249.085	5181.175
8/14/2009 0:00	631800	13.547	10.740	249.081	5181.179	249.081	5181.179
8/14/2009 0:05	632100	13.545	10.739	249.083	5181.177	249.083	5181.177
8/14/2009 0:10	632400	13.543	10.739	249.089	5181.171	249.089	5181.171
8/14/2009 0:15	632700	13.546	10.741	249.081	5181.179	249.081	5181.179
8/14/2009 0:20	633000	13.548	10.740	249.077	5181.183	249.077	5181.183
8/14/2009 0:25	633300	13.546	10.739	249.081	5181.179	249.081	5181.179
8/14/2009 0:30	633600	13.549	10.736	249.076	5181.184	249.076	5181.184
8/14/2009 0:35	633900	13.545	10.739	249.084	5181.176	249.084	5181.176
8/14/2009 0:40	634200	13.550	10.741	249.073	5181.187	249.073	5181.187
8/14/2009 0:45	634500	13.546	10.739	249.081	5181.179	249.081	5181.179
8/14/2009 0:50	634800	13.550	10.737	249.073	5181.187	249.073	5181.187
8/14/2009 0:55	635100	13.546	10.736	249.082	5181.178	249.082	5181.178
8/14/2009 1:00	635400	13.548	10.737	249.077	5181.183	249.077	5181.183
8/14/2009 1:05	635700	13.542	10.737	249.090	5181.170	249.090	5181.170
8/14/2009 1:10	636000	13.545	10.738	249.084	5181.176	249.084	5181.176
8/14/2009 1:15	636300	13.543	10.737	249.090	5181.170	249.090	5181.170
8/14/2009 1:20	636600	13.545	10.740	249.083	5181.177	249.083	5181.177
8/14/2009 1:25	636900	13.545	10.738	249.084	5181.176	249.084	5181.176
8/14/2009 1:30	637200	13.541	10.740	249.094	5181.166	249.094	5181.166
8/14/2009 1:35	637500	13.544	10.736	249.086	5181.174	249.086	5181.174
8/14/2009 1:40	637800	13.546	10.739	249.081	5181.179	249.081	5181.179
8/14/2009 1:45	638100	13.550	10.739	249.073	5181.187	249.073	5181.187

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/14/2009 1:50	638400	13.550	10.738	249.072	5181.188	249.072	5181.188
8/14/2009 1:55	638700	13.546	10.741	249.081	5181.179	249.081	5181.179
8/14/2009 2:00	639000	13.547	10.737	249.079	5181.181	249.079	5181.181
8/14/2009 2:05	639300	13.547	10.741	249.079	5181.181	249.079	5181.181
8/14/2009 2:10	639600	13.546	10.738	249.082	5181.178	249.082	5181.178
8/14/2009 2:15	639900	13.546	10.738	249.081	5181.179	249.081	5181.179
8/14/2009 2:20	640200	13.544	10.740	249.087	5181.173	249.087	5181.173
8/14/2009 2:25	640500	13.544	10.740	249.086	5181.174	249.086	5181.174
8/14/2009 2:30	640800	13.547	10.742	249.079	5181.181	249.079	5181.181
8/14/2009 2:35	641100	13.545	10.743	249.083	5181.177	249.083	5181.177
8/14/2009 2:40	641400	13.548	10.742	249.078	5181.182	249.078	5181.182
8/14/2009 2:45	641700	13.545	10.740	249.084	5181.176	249.084	5181.176
8/14/2009 2:50	642000	13.545	10.741	249.084	5181.176	249.084	5181.176
8/14/2009 2:55	642300	13.548	10.738	249.078	5181.182	249.078	5181.182
8/14/2009 3:00	642600	13.545	10.739	249.083	5181.177	249.083	5181.177
8/14/2009 3:05	642900	13.545	10.738	249.084	5181.176	249.084	5181.176
8/14/2009 3:10	643200	13.546	10.741	249.083	5181.177	249.083	5181.177
8/14/2009 3:15	643500	13.546	10.741	249.082	5181.178	249.082	5181.178
8/14/2009 3:20	643800	13.544	10.738	249.087	5181.173	249.087	5181.173
8/14/2009 3:25	644100	13.547	10.742	249.081	5181.179	249.081	5181.179
8/14/2009 3:30	644400	13.544	10.739	249.085	5181.175	249.085	5181.175
8/14/2009 3:35	644700	13.545	10.738	249.084	5181.176	249.084	5181.176
8/14/2009 3:40	645000	13.542	10.740	249.091	5181.169	249.091	5181.169
8/14/2009 3:45	645300	13.545	10.740	249.084	5181.176	249.084	5181.176
8/14/2009 3:50	645600	13.544	10.738	249.086	5181.174	249.086	5181.174
8/14/2009 3:55	645900	13.546	10.741	249.082	5181.178	249.082	5181.178
8/14/2009 4:00	646200	13.540	10.738	249.096	5181.164	249.096	5181.164
8/14/2009 4:05	646500	13.541	10.741	249.093	5181.167	249.093	5181.167
8/14/2009 4:10	646800	13.542	10.741	249.090	5181.170	249.090	5181.170
8/14/2009 4:15	647100	13.544	10.738	249.087	5181.173	249.087	5181.173
8/14/2009 4:20	647400	13.540	10.741	249.095	5181.165	249.095	5181.165
8/14/2009 4:25	647700	13.543	10.739	249.089	5181.171	249.089	5181.171
8/14/2009 4:30	648000	13.543	10.736	249.089	5181.171	249.089	5181.171
8/14/2009 4:35	648300	13.544	10.740	249.086	5181.174	249.086	5181.174
8/14/2009 4:40	648600	13.542	10.739	249.092	5181.168	249.092	5181.168
8/14/2009 4:45	648900	13.544	10.739	249.087	5181.173	249.087	5181.173
8/14/2009 4:50	649200	13.546	10.739	249.083	5181.177	249.083	5181.177
8/14/2009 4:55	649500	13.542	10.737	249.091	5181.169	249.091	5181.169
8/14/2009 5:00	649800	13.546	10.740	249.081	5181.179	249.081	5181.179
8/14/2009 5:05	650100	13.546	10.743	249.082	5181.178	249.082	5181.178
8/14/2009 5:10	650400	13.545	10.739	249.085	5181.175	249.085	5181.175
8/14/2009 5:15	650700	13.543	10.741	249.088	5181.172	249.088	5181.172
8/14/2009 5:20	651000	13.545	10.738	249.085	5181.175	249.085	5181.175
8/14/2009 5:25	651300	13.546	10.741	249.082	5181.178	249.082	5181.178
8/14/2009 5:30	651600	13.545	10.741	249.084	5181.176	249.084	5181.176
8/14/2009 5:35	651900	13.545	10.739	249.085	5181.175	249.085	5181.175
8/14/2009 5:40	652200	13.543	10.740	249.088	5181.172	249.088	5181.172
8/14/2009 5:45	652500	13.544	10.740	249.086	5181.174	249.086	5181.174
8/14/2009 5:50	652800	13.544	10.739	249.087	5181.173	249.087	5181.173
8/14/2009 5:55	653100	13.542	10.738	249.091	5181.169	249.091	5181.169
8/14/2009 6:00	653400	13.544	10.740	249.087	5181.173	249.087	5181.173
8/14/2009 6:05	653700	13.541	10.741	249.095	5181.165	249.095	5181.165
8/14/2009 6:10	654000	13.542	10.740	249.091	5181.169	249.091	5181.169
8/14/2009 6:15	654300	13.541	10.742	249.092	5181.168	249.092	5181.168
8/14/2009 6:20	654600	13.539	10.741	249.098	5181.162	249.098	5181.162
8/14/2009 6:25	654900	13.542	10.742	249.091	5181.169	249.091	5181.169

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/14/2009 6:30	655200	13.542	10.741	249.090	5181.170	249.090	5181.170
8/14/2009 6:35	655500	13.541	10.739	249.094	5181.166	249.094	5181.166
8/14/2009 6:40	655800	13.539	10.740	249.097	5181.163	249.097	5181.163
8/14/2009 6:45	656100	13.538	10.744	249.100	5181.160	249.100	5181.160
8/14/2009 6:50	656400	13.538	10.742	249.100	5181.160	249.100	5181.160
8/14/2009 6:55	656700	13.539	10.742	249.099	5181.161	249.099	5181.161
8/14/2009 7:00	657000	13.539	10.739	249.097	5181.163	249.097	5181.163
8/14/2009 7:05	657300	13.539	10.740	249.098	5181.162	249.098	5181.162
8/14/2009 7:10	657600	13.537	10.738	249.102	5181.158	249.102	5181.158
8/14/2009 7:15	657900	13.536	10.739	249.105	5181.155	249.105	5181.155
8/14/2009 7:20	658200	13.535	10.738	249.107	5181.153	249.107	5181.153
8/14/2009 7:25	658500	13.535	10.739	249.107	5181.153	249.107	5181.153
8/14/2009 7:30	658800	13.534	10.737	249.109	5181.151	249.109	5181.151
8/14/2009 7:35	659100	13.533	10.737	249.111	5181.149	249.111	5181.149
8/14/2009 7:40	659400	13.531	10.735	249.116	5181.144	249.116	5181.144
8/14/2009 7:45	659700	13.529	10.735	249.120	5181.140	249.120	5181.140
8/14/2009 7:50	660000	13.529	10.736	249.120	5181.140	249.120	5181.140
8/14/2009 7:55	660300	13.531	10.735	249.117	5181.143	249.117	5181.143
8/14/2009 8:00	660600	13.526	10.735	249.127	5181.133	249.127	5181.133
8/14/2009 8:05	660900	13.527	10.738	249.126	5181.134	249.126	5181.134
8/14/2009 8:10	661200	13.528	10.738	249.124	5181.136	249.124	5181.136
8/14/2009 8:15	661500	13.530	10.738	249.120	5181.140	249.120	5181.140
8/14/2009 8:20	661800	13.528	10.741	249.123	5181.137	249.123	5181.137
8/14/2009 8:25	662100	13.525	10.738	249.130	5181.130	249.130	5181.130
8/14/2009 8:30	662400	13.525	10.740	249.131	5181.129	249.131	5181.129
8/14/2009 8:35	662700	13.524	10.742	249.133	5181.127	249.133	5181.127
8/14/2009 8:40	663000	13.525	10.741	249.131	5181.129	249.131	5181.129
8/14/2009 8:45	663300	13.527	10.742	249.125	5181.135	249.125	5181.135
8/14/2009 8:50	663600	13.526	10.739	249.129	5181.131	249.129	5181.131
8/14/2009 8:55	663900	13.525	10.740	249.132	5181.128	249.132	5181.128
8/14/2009 9:00	664200	13.524	10.740	249.133	5181.127	249.133	5181.127
8/14/2009 9:05	664500	13.525	10.740	249.130	5181.130	249.130	5181.130
8/14/2009 9:10	664800	13.528	10.738	249.123	5181.137	249.123	5181.137
8/14/2009 9:15	665100	13.525	10.740	249.131	5181.129	249.131	5181.129
8/14/2009 9:20	665400	13.527	10.740	249.126	5181.134	249.126	5181.134
8/14/2009 9:25	665700	13.528	10.741	249.123	5181.137	249.123	5181.137
8/14/2009 9:30	666000	13.529	10.739	249.120	5181.140	249.120	5181.140
8/14/2009 9:35	666300	13.528	10.737	249.124	5181.136	249.124	5181.136
8/14/2009 9:40	666600	13.529	10.740	249.122	5181.138	249.122	5181.138
8/14/2009 9:45	666900	13.527	10.742	249.125	5181.135	249.125	5181.135
8/14/2009 9:50	667200	13.530	10.743	249.119	5181.141	249.119	5181.141
8/14/2009 9:55	667500	13.528	10.740	249.122	5181.138	249.122	5181.138
8/14/2009 10:00	667800	13.529	10.739	249.121	5181.139	249.121	5181.139
8/14/2009 10:05	668100	13.525	10.742	249.131	5181.129	249.131	5181.129
8/14/2009 10:10	668400	13.529	10.740	249.122	5181.138	249.122	5181.138
8/14/2009 10:15	668700	13.530	10.741	249.119	5181.141	249.119	5181.141
8/14/2009 10:20	669000	13.531	10.742	249.117	5181.143	249.117	5181.143
8/14/2009 10:25	669300	13.529	10.742	249.120	5181.140	249.120	5181.140
8/14/2009 10:30	669600	13.529	10.741	249.122	5181.138	249.122	5181.138
8/14/2009 10:35	669900	13.527	10.741	249.127	5181.133	249.127	5181.133
8/14/2009 10:40	670200	13.533	10.741	249.113	5181.147	249.113	5181.147
8/14/2009 10:45	670500	13.533	10.740	249.112	5181.148	249.112	5181.148
8/14/2009 10:50	670800	13.532	10.742	249.113	5181.147	249.113	5181.147
8/14/2009 10:55	671100	13.533	10.739	249.111	5181.149	249.111	5181.149
8/14/2009 11:00	671400	13.534	10.738	249.110	5181.150	249.110	5181.150
8/14/2009 11:05	671700	13.539	10.738	249.097	5181.163	249.097	5181.163

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/14/2009 11:10	672000	13.537	10.741	249.102	5181.158	249.102	5181.158
8/14/2009 11:15	672300	13.540	10.742	249.096	5181.164	249.096	5181.164
8/14/2009 11:20	672600	13.535	10.738	249.107	5181.153	249.107	5181.153
8/14/2009 11:25	672900	13.540	10.738	249.096	5181.164	249.096	5181.164
8/14/2009 11:30	673200	13.539	10.741	249.098	5181.162	249.098	5181.162
8/14/2009 11:35	673500	13.539	10.740	249.098	5181.162	249.098	5181.162
8/14/2009 11:40	673800	13.541	10.741	249.093	5181.167	249.093	5181.167
8/14/2009 11:45	674100	13.542	10.742	249.091	5181.169	249.091	5181.169
8/14/2009 11:50	674400	13.542	10.740	249.091	5181.169	249.091	5181.169
8/14/2009 11:55	674700	13.544	10.737	249.087	5181.173	249.087	5181.173
8/14/2009 12:00	675000	13.543	10.740	249.089	5181.171	249.089	5181.171
8/14/2009 12:05	675300	13.546	10.737	249.083	5181.177	249.083	5181.177
8/14/2009 12:10	675600	13.542	10.738	249.090	5181.170	249.090	5181.170
8/14/2009 12:15	675900	13.547	10.739	249.080	5181.180	249.080	5181.180
8/14/2009 12:20	676200	13.547	10.739	249.079	5181.181	249.079	5181.181
8/14/2009 12:25	676500	13.548	10.739	249.078	5181.182	249.078	5181.182
8/14/2009 12:30	676800	13.548	10.738	249.077	5181.183	249.077	5181.183
8/14/2009 12:35	677100	13.550	10.739	249.074	5181.186	249.074	5181.186
8/14/2009 12:40	677400	13.551	10.739	249.071	5181.189	249.071	5181.189
8/14/2009 12:45	677700	13.551	10.738	249.071	5181.189	249.071	5181.189
8/14/2009 12:50	678000	13.553	10.737	249.065	5181.195	249.065	5181.195
8/14/2009 12:55	678300	13.553	10.738	249.067	5181.193	249.067	5181.193
8/14/2009 13:00	678600	13.551	10.739	249.070	5181.190	249.070	5181.190
8/14/2009 13:05	678900	13.552	10.736	249.068	5181.192	249.068	5181.192
8/14/2009 13:10	679200	13.556	10.740	249.059	5181.201	249.059	5181.201
8/14/2009 13:15	679500	13.557	10.739	249.056	5181.204	249.056	5181.204
8/14/2009 13:20	679800	13.558	10.741	249.054	5181.206	249.054	5181.206
8/14/2009 13:25	680100	13.558	10.741	249.053	5181.207	249.053	5181.207
8/14/2009 13:30	680400	13.562	10.737	249.046	5181.214	249.046	5181.214
8/14/2009 13:35	680700	13.562	10.738	249.045	5181.215	249.045	5181.215
8/14/2009 13:40	681000	13.563	10.739	249.042	5181.218	249.042	5181.218
8/14/2009 13:45	681300	13.562	10.740	249.044	5181.216	249.044	5181.216
8/14/2009 13:50	681600	13.564	10.738	249.040	5181.220	249.040	5181.220
8/14/2009 13:55	681900	13.565	10.740	249.037	5181.223	249.037	5181.223
8/14/2009 14:00	682200	13.562	10.737	249.044	5181.216	249.044	5181.216
8/14/2009 14:05	682500	13.565	10.738	249.037	5181.223	249.037	5181.223
8/14/2009 14:10	682800	13.566	10.738	249.037	5181.223	249.037	5181.223
8/14/2009 14:15	683100	13.566	10.738	249.035	5181.225	249.035	5181.225
8/14/2009 14:20	683400	13.568	10.740	249.032	5181.228	249.032	5181.228
8/14/2009 14:25	683700	13.567	10.737	249.034	5181.226	249.034	5181.226
8/14/2009 14:30	684000	13.569	10.737	249.028	5181.232	249.028	5181.232
8/14/2009 14:35	684300	13.566	10.742	249.035	5181.225	249.035	5181.225
8/14/2009 14:40	684600	13.569	10.739	249.028	5181.232	249.028	5181.232
8/14/2009 14:45	684900	13.566	10.736	249.035	5181.225	249.035	5181.225
8/14/2009 14:50	685200	13.569	10.739	249.029	5181.231	249.029	5181.231
8/14/2009 14:55	685500	13.571	10.745	249.025	5181.235	249.025	5181.235
8/14/2009 15:00	685800	13.570	10.742	249.027	5181.233	249.027	5181.233
8/14/2009 15:05	686100	13.574	10.742	249.018	5181.242	249.018	5181.242
8/14/2009 15:10	686400	13.576	10.739	249.012	5181.248	249.012	5181.248
8/14/2009 15:15	686700	13.573	10.740	249.019	5181.241	249.019	5181.241
8/14/2009 15:20	687000	13.578	10.740	249.008	5181.252	249.008	5181.252
8/14/2009 15:25	687300	13.576	10.742	249.012	5181.248	249.012	5181.248
8/14/2009 15:30	687600	13.577	10.742	249.010	5181.250	249.010	5181.250
8/14/2009 15:35	687900	13.581	10.739	249.002	5181.258	249.002	5181.258
8/14/2009 15:40	688200	13.582	10.741	248.999	5181.261	248.999	5181.261
8/14/2009 15:45	688500	13.584	10.742	248.995	5181.265	248.995	5181.265

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/14/2009 15:50	688800	13.582	10.742	248.999	5181.261	248.999	5181.261
8/14/2009 15:55	689100	13.583	10.740	248.996	5181.264	248.996	5181.264
8/14/2009 16:00	689400	13.589	10.740	248.982	5181.278	248.982	5181.278
8/14/2009 16:05	689700	13.578	10.741	249.008	5181.252	249.008	5181.252
8/14/2009 16:10	690000	13.586	10.740	248.990	5181.270	248.990	5181.270
8/14/2009 16:15	690300	13.586	10.740	248.990	5181.270	248.990	5181.270
8/14/2009 16:20	690600	13.586	10.738	248.989	5181.271	248.989	5181.271
8/14/2009 16:25	690900	13.588	10.740	248.985	5181.275	248.985	5181.275
8/14/2009 16:30	691200	13.588	10.737	248.986	5181.274	248.986	5181.274
8/14/2009 16:35	691500	13.583	10.738	248.997	5181.263	248.997	5181.263
8/14/2009 16:40	691800	13.588	10.741	248.985	5181.275	248.985	5181.275
8/14/2009 16:45	692100	13.587	10.741	248.986	5181.274	248.986	5181.274
8/14/2009 16:50	692400	13.591	10.740	248.978	5181.282	248.978	5181.282
8/14/2009 16:55	692700	13.594	10.741	248.970	5181.290	248.970	5181.290
8/14/2009 17:00	693000	13.597	10.741	248.965	5181.295	248.965	5181.295
8/14/2009 17:05	693300	13.599	10.739	248.960	5181.300	248.960	5181.300
8/14/2009 17:10	693600	13.595	10.736	248.969	5181.291	248.969	5181.291
8/14/2009 17:15	693900	13.591	10.739	248.978	5181.282	248.978	5181.282
8/14/2009 17:20	694200	13.582	10.737	248.999	5181.261	248.999	5181.261
8/14/2009 17:25	694500	13.582	10.737	249.000	5181.260	249.000	5181.260
8/14/2009 17:30	694800	13.583	10.739	248.997	5181.263	248.997	5181.263
8/14/2009 17:35	695100	13.580	10.737	249.005	5181.255	249.005	5181.255
8/14/2009 17:40	695400	13.573	10.738	249.020	5181.240	249.020	5181.240
8/14/2009 17:45	695700	13.573	10.738	249.019	5181.241	249.019	5181.241
8/14/2009 17:50	696000	13.571	10.736	249.024	5181.236	249.024	5181.236
8/14/2009 17:55	696300	13.573	10.739	249.019	5181.241	249.019	5181.241
8/14/2009 18:00	696600	13.568	10.738	249.031	5181.229	249.031	5181.229
8/14/2009 18:05	696900	13.560	10.738	249.049	5181.211	249.049	5181.211
8/14/2009 18:10	697200	13.560	10.740	249.051	5181.209	249.051	5181.209
8/14/2009 18:15	697500	13.553	10.736	249.065	5181.195	249.065	5181.195
8/14/2009 18:20	697800	13.552	10.740	249.067	5181.193	249.067	5181.193
8/14/2009 18:25	698100	13.546	10.738	249.082	5181.178	249.082	5181.178
8/14/2009 18:30	698400	13.541	10.736	249.093	5181.167	249.093	5181.167
8/14/2009 18:35	698700	13.539	10.739	249.098	5181.162	249.098	5181.162
8/14/2009 18:40	699000	13.542	10.738	249.092	5181.168	249.092	5181.168
8/14/2009 18:45	699300	13.541	10.739	249.094	5181.166	249.094	5181.166
8/14/2009 18:50	699600	13.539	10.741	249.098	5181.162	249.098	5181.162
8/14/2009 18:55	699900	13.546	10.738	249.082	5181.178	249.082	5181.178
8/14/2009 19:00	700200	13.550	10.740	249.074	5181.186	249.074	5181.186
8/14/2009 19:05	700500	13.553	10.738	249.065	5181.195	249.065	5181.195
8/14/2009 19:10	700800	13.552	10.740	249.067	5181.193	249.067	5181.193
8/14/2009 19:15	701100	13.546	10.739	249.081	5181.179	249.081	5181.179
8/14/2009 19:20	701400	13.549	10.735	249.075	5181.185	249.075	5181.185
8/14/2009 19:25	701700	13.559	10.741	249.052	5181.208	249.052	5181.208
8/14/2009 19:30	702000	13.556	10.738	249.059	5181.201	249.059	5181.201
8/14/2009 19:35	702300	13.551	10.741	249.070	5181.190	249.070	5181.190
8/14/2009 19:40	702600	13.575	10.741	249.016	5181.244	249.016	5181.244
8/14/2009 19:45	702900	13.573	10.739	249.019	5181.241	249.019	5181.241
8/14/2009 19:50	703200	13.567	10.740	249.033	5181.227	249.033	5181.227
8/14/2009 19:55	703500	13.564	10.738	249.041	5181.219	249.041	5181.219
8/14/2009 20:00	703800	13.553	10.738	249.065	5181.195	249.065	5181.195
8/14/2009 20:05	704100	13.555	10.739	249.062	5181.198	249.062	5181.198
8/14/2009 20:10	704400	13.551	10.737	249.070	5181.190	249.070	5181.190
8/14/2009 20:15	704700	13.552	10.737	249.068	5181.192	249.068	5181.192
8/14/2009 20:20	705000	13.554	10.739	249.063	5181.197	249.063	5181.197
8/14/2009 20:25	705300	13.551	10.739	249.071	5181.189	249.071	5181.189

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/14/2009 20:30	705600	13.553	10.740	249.067	5181.193	249.067	5181.193
8/14/2009 20:35	705900	13.552	10.737	249.068	5181.192	249.068	5181.192
8/14/2009 20:40	706200	13.555	10.742	249.062	5181.198	249.062	5181.198
8/14/2009 20:45	706500	13.558	10.737	249.054	5181.206	249.054	5181.206
8/14/2009 20:50	706800	13.561	10.739	249.048	5181.212	249.048	5181.212
8/14/2009 20:55	707100	13.561	10.739	249.046	5181.214	249.046	5181.214
8/14/2009 21:00	707400	13.558	10.741	249.055	5181.205	249.055	5181.205
8/14/2009 21:05	707700	13.562	10.736	249.045	5181.215	249.045	5181.215
8/14/2009 21:10	708000	13.559	10.738	249.052	5181.208	249.052	5181.208
8/14/2009 21:15	708300	13.559	10.742	249.051	5181.209	249.051	5181.209
8/14/2009 21:20	708600	13.563	10.737	249.043	5181.217	249.043	5181.217
8/14/2009 21:25	708900	13.561	10.741	249.048	5181.212	249.048	5181.212
8/14/2009 21:30	709200	13.559	10.740	249.052	5181.208	249.052	5181.208
8/14/2009 21:35	709500	13.556	10.737	249.058	5181.202	249.058	5181.202
8/14/2009 21:40	709800	13.557	10.739	249.057	5181.203	249.057	5181.203
8/14/2009 21:45	710100	13.555	10.739	249.060	5181.200	249.060	5181.200
8/14/2009 21:50	710400	13.555	10.739	249.061	5181.199	249.061	5181.199
8/14/2009 21:55	710700	13.556	10.739	249.060	5181.200	249.060	5181.200
8/14/2009 22:00	711000	13.556	10.738	249.059	5181.201	249.059	5181.201
8/14/2009 22:05	711300	13.553	10.739	249.065	5181.195	249.065	5181.195
8/14/2009 22:10	711600	13.551	10.740	249.071	5181.189	249.071	5181.189
8/14/2009 22:15	711900	13.556	10.740	249.058	5181.202	249.058	5181.202
8/14/2009 22:20	712200	13.557	10.736	249.057	5181.203	249.057	5181.203
8/14/2009 22:25	712500	13.559	10.740	249.053	5181.207	249.053	5181.207
8/14/2009 22:30	712800	13.557	10.738	249.056	5181.204	249.056	5181.204
8/14/2009 22:35	713100	13.561	10.739	249.048	5181.212	249.048	5181.212
8/14/2009 22:40	713400	13.560	10.736	249.049	5181.211	249.049	5181.211
8/14/2009 22:45	713700	13.560	10.738	249.049	5181.211	249.049	5181.211
8/14/2009 22:50	714000	13.559	10.737	249.053	5181.207	249.053	5181.207
8/14/2009 22:55	714300	13.564	10.737	249.040	5181.220	249.040	5181.220
8/14/2009 23:00	714600	13.561	10.741	249.047	5181.213	249.047	5181.213
8/14/2009 23:05	714900	13.565	10.738	249.039	5181.221	249.039	5181.221
8/14/2009 23:10	715200	13.567	10.736	249.034	5181.226	249.034	5181.226
8/14/2009 23:15	715500	13.567	10.738	249.035	5181.225	249.035	5181.225
8/14/2009 23:20	715800	13.563	10.739	249.043	5181.217	249.043	5181.217
8/14/2009 23:25	716100	13.567	10.739	249.034	5181.226	249.034	5181.226
8/14/2009 23:30	716400	13.565	10.741	249.037	5181.223	249.037	5181.223
8/14/2009 23:35	716700	13.566	10.742	249.036	5181.224	249.036	5181.224
8/14/2009 23:40	717000	13.567	10.740	249.034	5181.226	249.034	5181.226
8/14/2009 23:45	717300	13.565	10.741	249.038	5181.222	249.038	5181.222
8/14/2009 23:50	717600	13.567	10.742	249.033	5181.227	249.033	5181.227
8/14/2009 23:55	717900	13.568	10.742	249.031	5181.229	249.031	5181.229
8/15/2009 0:00	718200	13.569	10.741	249.030	5181.230	249.030	5181.230
8/15/2009 0:05	718500	13.566	10.740	249.036	5181.224	249.036	5181.224
8/15/2009 0:10	718800	13.569	10.740	249.029	5181.231	249.029	5181.231
8/15/2009 0:15	719100	13.571	10.742	249.025	5181.235	249.025	5181.235
8/15/2009 0:20	719400	13.572	10.742	249.022	5181.238	249.022	5181.238
8/15/2009 0:25	719700	13.571	10.739	249.024	5181.236	249.024	5181.236
8/15/2009 0:30	720000	13.571	10.740	249.024	5181.236	249.024	5181.236
8/15/2009 0:35	720300	13.572	10.741	249.022	5181.238	249.022	5181.238
8/15/2009 0:40	720600	13.572	10.741	249.021	5181.239	249.021	5181.239
8/15/2009 0:45	720900	13.572	10.742	249.021	5181.239	249.021	5181.239
8/15/2009 0:50	721200	13.569	10.740	249.028	5181.232	249.028	5181.232
8/15/2009 0:55	721500	13.574	10.740	249.017	5181.243	249.017	5181.243
8/15/2009 1:00	721800	13.575	10.739	249.014	5181.246	249.014	5181.246
8/15/2009 1:05	722100	13.575	10.742	249.016	5181.244	249.016	5181.244

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/15/2009 1:10	722400	13.573	10.742	249.019	5181.241	249.019	5181.241
8/15/2009 1:15	722700	13.574	10.738	249.016	5181.244	249.016	5181.244
8/15/2009 1:20	723000	13.575	10.739	249.016	5181.244	249.016	5181.244
8/15/2009 1:25	723300	13.577	10.737	249.010	5181.250	249.010	5181.250
8/15/2009 1:30	723600	13.576	10.738	249.013	5181.247	249.013	5181.247
8/15/2009 1:35	723900	13.576	10.738	249.012	5181.248	249.012	5181.248
8/15/2009 1:40	724200	13.576	10.734	249.012	5181.248	249.012	5181.248
8/15/2009 1:45	724500	13.576	10.738	249.014	5181.246	249.014	5181.246
8/15/2009 1:50	724800	13.576	10.740	249.012	5181.248	249.012	5181.248
8/15/2009 1:55	725100	13.575	10.738	249.015	5181.245	249.015	5181.245
8/15/2009 2:00	725400	13.577	10.741	249.011	5181.249	249.011	5181.249
8/15/2009 2:05	725700	13.577	10.736	249.010	5181.250	249.010	5181.250
8/15/2009 2:10	726000	13.578	10.737	249.008	5181.252	249.008	5181.252
8/15/2009 2:15	726300	13.579	10.738	249.007	5181.253	249.007	5181.253
8/15/2009 2:20	726600	13.576	10.739	249.013	5181.247	249.013	5181.247
8/15/2009 2:25	726900	13.580	10.740	249.004	5181.256	249.004	5181.256
8/15/2009 2:30	727200	13.580	10.736	249.004	5181.256	249.004	5181.256
8/15/2009 2:35	727500	13.580	10.737	249.002	5181.258	249.002	5181.258
8/15/2009 2:40	727800	13.577	10.735	249.010	5181.250	249.010	5181.250
8/15/2009 2:45	728100	13.579	10.739	249.007	5181.253	249.007	5181.253
8/15/2009 2:50	728400	13.579	10.737	249.005	5181.255	249.005	5181.255
8/15/2009 2:55	728700	13.580	10.736	249.004	5181.256	249.004	5181.256
8/15/2009 3:00	729000	13.580	10.737	249.004	5181.256	249.004	5181.256
8/15/2009 3:05	729300	13.579	10.738	249.005	5181.255	249.005	5181.255
8/15/2009 3:10	729600	13.574	10.739	249.016	5181.244	249.016	5181.244
8/15/2009 3:15	729900	13.575	10.738	249.015	5181.245	249.015	5181.245
8/15/2009 3:20	730200	13.577	10.738	249.010	5181.250	249.010	5181.250
8/15/2009 3:25	730500	13.578	10.739	249.008	5181.252	249.008	5181.252
8/15/2009 3:30	730800	13.577	10.740	249.011	5181.249	249.011	5181.249
8/15/2009 3:35	731100	13.574	10.740	249.017	5181.243	249.017	5181.243
8/15/2009 3:40	731400	13.574	10.739	249.017	5181.243	249.017	5181.243
8/15/2009 3:45	731700	13.577	10.738	249.011	5181.249	249.011	5181.249
8/15/2009 3:50	732000	13.573	10.741	249.021	5181.239	249.021	5181.239
8/15/2009 3:55	732300	13.577	10.739	249.011	5181.249	249.011	5181.249
8/15/2009 4:00	732600	13.575	10.739	249.016	5181.244	249.016	5181.244
8/15/2009 4:05	732900	13.572	10.740	249.023	5181.237	249.023	5181.237
8/15/2009 4:10	733200	13.575	10.739	249.015	5181.245	249.015	5181.245
8/15/2009 4:15	733500	13.576	10.739	249.013	5181.247	249.013	5181.247
8/15/2009 4:20	733800	13.576	10.740	249.013	5181.247	249.013	5181.247
8/15/2009 4:25	734100	13.576	10.739	249.012	5181.248	249.012	5181.248
8/15/2009 4:30	734400	13.574	10.739	249.016	5181.244	249.016	5181.244
8/15/2009 4:35	734700	13.573	10.738	249.019	5181.241	249.019	5181.241
8/15/2009 4:40	735000	13.572	10.740	249.021	5181.239	249.021	5181.239
8/15/2009 4:45	735300	13.571	10.737	249.025	5181.235	249.025	5181.235
8/15/2009 4:50	735600	13.567	10.738	249.033	5181.227	249.033	5181.227
8/15/2009 4:55	735900	13.565	10.738	249.038	5181.222	249.038	5181.222
8/15/2009 5:00	736200	13.561	10.738	249.046	5181.214	249.046	5181.214
8/15/2009 5:05	736500	13.561	10.735	249.047	5181.213	249.047	5181.213
8/15/2009 5:10	736800	13.557	10.739	249.058	5181.202	249.058	5181.202
8/15/2009 5:15	737100	13.558	10.738	249.054	5181.206	249.054	5181.206
8/15/2009 5:20	737400	13.558	10.738	249.054	5181.206	249.054	5181.206
8/15/2009 5:25	737700	13.558	10.737	249.055	5181.205	249.055	5181.205
8/15/2009 5:30	738000	13.557	10.737	249.057	5181.203	249.057	5181.203
8/15/2009 5:35	738300	13.559	10.735	249.053	5181.207	249.053	5181.207
8/15/2009 5:40	738600	13.554	10.736	249.063	5181.197	249.063	5181.197
8/15/2009 5:45	738900	13.556	10.734	249.058	5181.202	249.058	5181.202

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/15/2009 5:50	739200	13.558	10.737	249.055	5181.205	249.055	5181.205
8/15/2009 5:55	739500	13.557	10.738	249.056	5181.204	249.056	5181.204
8/15/2009 6:00	739800	13.553	10.737	249.066	5181.194	249.066	5181.194
8/15/2009 6:05	740100	13.552	10.739	249.068	5181.192	249.068	5181.192
8/15/2009 6:10	740400	13.552	10.735	249.068	5181.192	249.068	5181.192
8/15/2009 6:15	740700	13.551	10.736	249.071	5181.189	249.071	5181.189
8/15/2009 6:20	741000	13.544	10.737	249.087	5181.173	249.087	5181.173
8/15/2009 6:25	741300	13.545	10.740	249.083	5181.177	249.083	5181.177
8/15/2009 6:30	741600	13.544	10.740	249.086	5181.174	249.086	5181.174
8/15/2009 6:35	741900	13.543	10.741	249.090	5181.170	249.090	5181.170
8/15/2009 6:40	742200	13.543	10.739	249.089	5181.171	249.089	5181.171
8/15/2009 6:45	742500	13.543	10.738	249.089	5181.171	249.089	5181.171
8/15/2009 6:50	742800	13.539	10.741	249.097	5181.163	249.097	5181.163
8/15/2009 6:55	743100	13.543	10.741	249.090	5181.170	249.090	5181.170
8/15/2009 7:00	743400	13.540	10.740	249.096	5181.164	249.096	5181.164
8/15/2009 7:05	743700	13.542	10.742	249.092	5181.168	249.092	5181.168
8/15/2009 7:10	744000	13.542	10.740	249.092	5181.168	249.092	5181.168
8/15/2009 7:15	744300	13.542	10.742	249.091	5181.169	249.091	5181.169
8/15/2009 7:20	744600	13.538	10.740	249.100	5181.160	249.100	5181.160
8/15/2009 7:25	744900	13.538	10.741	249.101	5181.159	249.101	5181.159
8/15/2009 7:30	745200	13.537	10.742	249.104	5181.156	249.104	5181.156
8/15/2009 7:35	745500	13.536	10.740	249.105	5181.155	249.105	5181.155
8/15/2009 7:40	745800	13.532	10.742	249.113	5181.147	249.113	5181.147
8/15/2009 7:45	746100	13.539	10.742	249.098	5181.162	249.098	5181.162
8/15/2009 7:50	746400	13.542	10.742	249.091	5181.169	249.091	5181.169
8/15/2009 7:55	746700	13.545	10.741	249.084	5181.176	249.084	5181.176
8/15/2009 8:00	747000	13.544	10.742	249.085	5181.175	249.085	5181.175
8/15/2009 8:05	747300	13.543	10.741	249.089	5181.171	249.089	5181.171
8/15/2009 8:10	747600	13.542	10.741	249.090	5181.170	249.090	5181.170
8/15/2009 8:15	747900	13.539	10.742	249.097	5181.163	249.097	5181.163
8/15/2009 8:20	748200	13.537	10.742	249.103	5181.157	249.103	5181.157
8/15/2009 8:25	748500	13.542	10.742	249.092	5181.168	249.092	5181.168
8/15/2009 8:30	748800	13.541	10.743	249.094	5181.166	249.094	5181.166
8/15/2009 8:35	749100	13.541	10.742	249.093	5181.167	249.093	5181.167
8/15/2009 8:40	749400	13.542	10.741	249.091	5181.169	249.091	5181.169
8/15/2009 8:45	749700	13.541	10.741	249.092	5181.168	249.092	5181.168
8/15/2009 8:50	750000	13.541	10.740	249.094	5181.166	249.094	5181.166
8/15/2009 8:55	750300	13.539	10.740	249.097	5181.163	249.097	5181.163
8/15/2009 9:00	750600	13.538	10.740	249.101	5181.159	249.101	5181.159
8/15/2009 9:05	750900	13.541	10.742	249.094	5181.166	249.094	5181.166
8/15/2009 9:10	751200	13.543	10.741	249.090	5181.170	249.090	5181.170
8/15/2009 9:15	751500	13.546	10.740	249.083	5181.177	249.083	5181.177
8/15/2009 9:20	751800	13.544	10.742	249.086	5181.174	249.086	5181.174
8/15/2009 9:25	752100	13.542	10.739	249.091	5181.169	249.091	5181.169
8/15/2009 9:30	752400	13.540	10.740	249.095	5181.165	249.095	5181.165
8/15/2009 9:35	752700	13.542	10.739	249.092	5181.168	249.092	5181.168
8/15/2009 9:40	753000	13.543	10.740	249.088	5181.172	249.088	5181.172
8/15/2009 9:45	753300	13.538	10.740	249.100	5181.160	249.100	5181.160
8/15/2009 9:50	753600	13.539	10.739	249.099	5181.161	249.099	5181.161
8/15/2009 9:55	753900	13.535	10.738	249.106	5181.154	249.106	5181.154
8/15/2009 10:00	754200	13.537	10.740	249.102	5181.158	249.102	5181.158
8/15/2009 10:05	754500	13.538	10.738	249.101	5181.159	249.101	5181.159
8/15/2009 10:10	754800	13.538	10.737	249.099	5181.161	249.099	5181.161
8/15/2009 10:15	755100	13.539	10.738	249.098	5181.162	249.098	5181.162
8/15/2009 10:20	755400	13.540	10.737	249.096	5181.164	249.096	5181.164
8/15/2009 10:25	755700	13.540	10.738	249.095	5181.165	249.095	5181.165

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/15/2009 10:30	756000	13.540	10.738	249.096	5181.164	249.096	5181.164
8/15/2009 10:35	756300	13.541	10.736	249.094	5181.166	249.094	5181.166
8/15/2009 10:40	756600	13.544	10.736	249.088	5181.172	249.088	5181.172
8/15/2009 10:45	756900	13.545	10.738	249.084	5181.176	249.084	5181.176
8/15/2009 10:50	757200	13.545	10.738	249.085	5181.175	249.085	5181.175
8/15/2009 10:55	757500	13.542	10.738	249.091	5181.169	249.091	5181.169
8/15/2009 11:00	757800	13.544	10.736	249.087	5181.173	249.087	5181.173
8/15/2009 11:05	758100	13.545	10.737	249.084	5181.176	249.084	5181.176
8/15/2009 11:10	758400	13.541	10.737	249.093	5181.167	249.093	5181.167
8/15/2009 11:15	758700	13.545	10.739	249.084	5181.176	249.084	5181.176
8/15/2009 11:20	759000	13.551	10.737	249.071	5181.189	249.071	5181.189
8/15/2009 11:25	759300	13.547	10.737	249.080	5181.180	249.080	5181.180
8/15/2009 11:30	759600	13.545	10.738	249.084	5181.176	249.084	5181.176
8/15/2009 11:35	759900	13.549	10.738	249.075	5181.185	249.075	5181.185
8/15/2009 11:40	760200	13.545	10.738	249.084	5181.176	249.084	5181.176
8/15/2009 11:45	760500	13.549	10.738	249.075	5181.185	249.075	5181.185
8/15/2009 11:50	760800	13.545	10.738	249.084	5181.176	249.084	5181.176
8/15/2009 11:55	761100	13.547	10.739	249.080	5181.180	249.080	5181.180
8/15/2009 12:00	761400	13.549	10.739	249.076	5181.184	249.076	5181.184
8/15/2009 12:05	761700	13.548	10.740	249.077	5181.183	249.077	5181.183
8/15/2009 12:10	762000	13.548	10.742	249.077	5181.183	249.077	5181.183
8/15/2009 12:15	762300	13.549	10.738	249.075	5181.185	249.075	5181.185
8/15/2009 12:20	762600	13.552	10.739	249.067	5181.193	249.067	5181.193
8/15/2009 12:25	762900	13.553	10.740	249.065	5181.195	249.065	5181.195
8/15/2009 12:30	763200	13.554	10.741	249.063	5181.197	249.063	5181.197
8/15/2009 12:35	763500	13.553	10.738	249.065	5181.195	249.065	5181.195
8/15/2009 12:40	763800	13.550	10.739	249.074	5181.186	249.074	5181.186
8/15/2009 12:45	764100	13.547	10.741	249.080	5181.180	249.080	5181.180
8/15/2009 12:50	764400	13.556	10.740	249.060	5181.200	249.060	5181.200
8/15/2009 12:55	764700	13.555	10.740	249.062	5181.198	249.062	5181.198
8/15/2009 13:00	765000	13.553	10.739	249.065	5181.195	249.065	5181.195
8/15/2009 13:05	765300	13.553	10.739	249.065	5181.195	249.065	5181.195
8/15/2009 13:10	765600	13.551	10.742	249.071	5181.189	249.071	5181.189
8/15/2009 13:15	765900	13.553	10.740	249.065	5181.195	249.065	5181.195
8/15/2009 13:20	766200	13.553	10.738	249.065	5181.195	249.065	5181.195
8/15/2009 13:25	766500	13.551	10.741	249.070	5181.190	249.070	5181.190
8/15/2009 13:30	766800	13.552	10.738	249.067	5181.193	249.067	5181.193
8/15/2009 13:35	767100	13.552	10.737	249.068	5181.192	249.068	5181.192
8/15/2009 13:40	767400	13.549	10.739	249.076	5181.184	249.076	5181.184
8/15/2009 13:45	767700	13.549	10.738	249.076	5181.184	249.076	5181.184
8/15/2009 13:50	768000	13.547	10.739	249.079	5181.181	249.079	5181.181
8/15/2009 13:55	768300	13.546	10.737	249.083	5181.177	249.083	5181.177
8/15/2009 14:00	768600	13.544	10.739	249.087	5181.173	249.087	5181.173
8/15/2009 14:05	768900	13.540	10.741	249.096	5181.164	249.096	5181.164
8/15/2009 14:10	769200	13.537	10.742	249.102	5181.158	249.102	5181.158
8/15/2009 14:15	769500	13.544	10.737	249.086	5181.174	249.086	5181.174
8/15/2009 14:20	769800	13.550	10.739	249.073	5181.187	249.073	5181.187
8/15/2009 14:25	770100	13.553	10.740	249.066	5181.194	249.066	5181.194
8/15/2009 14:30	770400	13.556	10.739	249.058	5181.202	249.058	5181.202
8/15/2009 14:35	770700	13.553	10.741	249.065	5181.195	249.065	5181.195
8/15/2009 14:40	771000	13.554	10.739	249.063	5181.197	249.063	5181.197
8/15/2009 14:45	771300	13.555	10.737	249.061	5181.199	249.061	5181.199
8/15/2009 14:50	771600	13.554	10.739	249.064	5181.196	249.064	5181.196
8/15/2009 14:55	771900	13.549	10.738	249.075	5181.185	249.075	5181.185
8/15/2009 15:00	772200	13.552	10.738	249.068	5181.192	249.068	5181.192
8/15/2009 15:05	772500	13.551	10.741	249.070	5181.190	249.070	5181.190

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/15/2009 15:10	772800	13.556	10.738	249.058	5181.202	249.058	5181.202
8/15/2009 15:15	773100	13.551	10.736	249.071	5181.189	249.071	5181.189
8/15/2009 15:20	773400	13.553	10.739	249.067	5181.193	249.067	5181.193
8/15/2009 15:25	773700	13.547	10.738	249.079	5181.181	249.079	5181.181
8/15/2009 15:30	774000	13.545	10.739	249.085	5181.175	249.085	5181.175
8/15/2009 15:35	774300	13.537	10.736	249.104	5181.156	249.104	5181.156
8/15/2009 15:40	774600	13.535	10.737	249.106	5181.154	249.106	5181.154
8/15/2009 15:45	774900	13.544	10.737	249.087	5181.173	249.087	5181.173
8/15/2009 15:50	775200	13.548	10.738	249.078	5181.182	249.078	5181.182
8/15/2009 15:55	775500	13.549	10.734	249.075	5181.185	249.075	5181.185
8/15/2009 16:00	775800	13.555	10.738	249.062	5181.198	249.062	5181.198
8/15/2009 16:05	776100	13.552	10.739	249.069	5181.191	249.069	5181.191
8/15/2009 16:10	776400	13.553	10.736	249.065	5181.195	249.065	5181.195
8/15/2009 16:15	776700	13.553	10.742	249.066	5181.194	249.066	5181.194
8/15/2009 16:20	777000	13.553	10.739	249.066	5181.194	249.066	5181.194
8/15/2009 16:25	777300	13.555	10.739	249.061	5181.199	249.061	5181.199
8/15/2009 16:30	777600	13.556	10.737	249.058	5181.202	249.058	5181.202
8/15/2009 16:35	777900	13.559	10.740	249.052	5181.208	249.052	5181.208
8/15/2009 16:40	778200	13.551	10.740	249.070	5181.190	249.070	5181.190
8/15/2009 16:45	778500	13.552	10.739	249.068	5181.192	249.068	5181.192
8/15/2009 16:50	778800	13.555	10.739	249.061	5181.199	249.061	5181.199
8/15/2009 16:55	779100	13.556	10.739	249.059	5181.201	249.059	5181.201
8/15/2009 17:00	779400	13.558	10.739	249.053	5181.207	249.053	5181.207
8/15/2009 17:05	779700	13.557	10.737	249.057	5181.203	249.057	5181.203
8/15/2009 17:10	780000	13.557	10.735	249.056	5181.204	249.056	5181.204
8/15/2009 17:15	780300	13.553	10.738	249.065	5181.195	249.065	5181.195
8/15/2009 17:20	780600	13.546	10.737	249.082	5181.178	249.082	5181.178
8/15/2009 17:25	780900	13.550	10.740	249.072	5181.188	249.072	5181.188
8/15/2009 17:30	781200	13.550	10.734	249.073	5181.187	249.073	5181.187
8/15/2009 17:35	781500	13.545	10.738	249.084	5181.176	249.084	5181.176
8/15/2009 17:40	781800	13.547	10.736	249.079	5181.181	249.079	5181.181
8/15/2009 17:45	782100	13.546	10.736	249.081	5181.179	249.081	5181.179
8/15/2009 17:50	782400	13.548	10.737	249.078	5181.182	249.078	5181.182
8/15/2009 17:55	782700	13.550	10.738	249.074	5181.186	249.074	5181.186
8/15/2009 18:00	783000	13.551	10.737	249.070	5181.190	249.070	5181.190
8/15/2009 18:05	783300	13.551	10.737	249.071	5181.189	249.071	5181.189
8/15/2009 18:10	783600	13.548	10.736	249.077	5181.183	249.077	5181.183
8/15/2009 18:15	783900	13.552	10.738	249.068	5181.192	249.068	5181.192
8/15/2009 18:20	784200	13.548	10.738	249.078	5181.182	249.078	5181.182
8/15/2009 18:25	784500	13.550	10.738	249.072	5181.188	249.072	5181.188
8/15/2009 18:30	784800	13.550	10.736	249.072	5181.188	249.072	5181.188
8/15/2009 18:35	785100	13.549	10.736	249.075	5181.185	249.075	5181.185
8/15/2009 18:40	785400	13.554	10.740	249.063	5181.197	249.063	5181.197
8/15/2009 18:45	785700	13.555	10.739	249.061	5181.199	249.061	5181.199
8/15/2009 18:50	786000	13.556	10.737	249.058	5181.202	249.058	5181.202
8/15/2009 18:55	786300	13.554	10.737	249.063	5181.197	249.063	5181.197
8/15/2009 19:00	786600	13.554	10.734	249.064	5181.196	249.064	5181.196
8/15/2009 19:05	786900	13.557	10.738	249.057	5181.203	249.057	5181.203
8/15/2009 19:10	787200	13.552	10.738	249.068	5181.192	249.068	5181.192
8/15/2009 19:15	787500	13.555	10.736	249.061	5181.199	249.061	5181.199
8/15/2009 19:20	787800	13.555	10.739	249.062	5181.198	249.062	5181.198
8/15/2009 19:25	788100	13.554	10.740	249.063	5181.197	249.063	5181.197
8/15/2009 19:30	788400	13.552	10.737	249.069	5181.191	249.069	5181.191
8/15/2009 19:35	788700	13.550	10.739	249.072	5181.188	249.072	5181.188
8/15/2009 19:40	789000	13.549	10.738	249.074	5181.186	249.074	5181.186
8/15/2009 19:45	789300	13.543	10.738	249.089	5181.171	249.089	5181.171

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/15/2009 19:50	789600	13.543	10.739	249.089	5181.171	249.089	5181.171
8/15/2009 19:55	789900	13.543	10.740	249.090	5181.170	249.090	5181.170
8/15/2009 20:00	790200	13.539	10.739	249.099	5181.161	249.099	5181.161
8/15/2009 20:05	790500	13.540	10.740	249.096	5181.164	249.096	5181.164
8/15/2009 20:10	790800	13.540	10.740	249.096	5181.164	249.096	5181.164
8/15/2009 20:15	791100	13.539	10.741	249.099	5181.161	249.099	5181.161
8/15/2009 20:20	791400	13.534	10.742	249.109	5181.151	249.109	5181.151
8/15/2009 20:25	791700	13.534	10.739	249.110	5181.150	249.110	5181.150
8/15/2009 20:30	792000	13.533	10.742	249.113	5181.147	249.113	5181.147
8/15/2009 20:35	792300	13.532	10.745	249.114	5181.146	249.114	5181.146
8/15/2009 20:40	792600	13.533	10.742	249.113	5181.147	249.113	5181.147
8/15/2009 20:45	792900	13.531	10.741	249.116	5181.144	249.116	5181.144
8/15/2009 20:50	793200	13.527	10.741	249.127	5181.133	249.127	5181.133
8/15/2009 20:55	793500	13.527	10.740	249.125	5181.135	249.125	5181.135
8/15/2009 21:00	793800	13.527	10.741	249.126	5181.134	249.126	5181.134
8/15/2009 21:05	794100	13.524	10.740	249.133	5181.127	249.133	5181.127
8/15/2009 21:10	794400	13.524	10.741	249.133	5181.127	249.133	5181.127
8/15/2009 21:15	794700	13.526	10.741	249.128	5181.132	249.128	5181.132
8/15/2009 21:20	795000	13.525	10.742	249.131	5181.129	249.131	5181.129
8/15/2009 21:25	795300	13.523	10.740	249.135	5181.125	249.135	5181.125
8/15/2009 21:30	795600	13.524	10.741	249.133	5181.127	249.133	5181.127
8/15/2009 21:35	795900	13.527	10.739	249.126	5181.134	249.126	5181.134
8/15/2009 21:40	796200	13.519	10.737	249.144	5181.116	249.144	5181.116
8/15/2009 21:45	796500	13.517	10.739	249.148	5181.112	249.148	5181.112
8/15/2009 21:50	796800	13.518	10.739	249.147	5181.113	249.147	5181.113
8/15/2009 21:55	797100	13.511	10.737	249.163	5181.097	249.163	5181.097
8/15/2009 22:00	797400	13.515	10.737	249.154	5181.106	249.154	5181.106
8/15/2009 22:05	797700	13.517	10.739	249.149	5181.111	249.149	5181.111
8/15/2009 22:10	798000	13.512	10.740	249.160	5181.100	249.160	5181.100
8/15/2009 22:15	798300	13.515	10.741	249.155	5181.105	249.155	5181.105
8/15/2009 22:20	798600	13.513	10.738	249.159	5181.101	249.159	5181.101
8/15/2009 22:25	798900	13.504	10.740	249.178	5181.082	249.178	5181.082
8/15/2009 22:30	799200	13.514	10.741	249.156	5181.104	249.156	5181.104
8/15/2009 22:35	799500	13.517	10.741	249.149	5181.111	249.149	5181.111
8/15/2009 22:40	799800	13.511	10.738	249.163	5181.097	249.163	5181.097
8/15/2009 22:45	800100	13.513	10.742	249.158	5181.102	249.158	5181.102
8/15/2009 22:50	800400	13.514	10.739	249.155	5181.105	249.155	5181.105
8/15/2009 22:55	800700	13.515	10.741	249.154	5181.106	249.154	5181.106
8/15/2009 23:00	801000	13.518	10.739	249.146	5181.114	249.146	5181.114
8/15/2009 23:05	801300	13.519	10.741	249.145	5181.115	249.145	5181.115
8/15/2009 23:10	801600	13.518	10.741	249.147	5181.113	249.147	5181.113
8/15/2009 23:15	801900	13.519	10.739	249.145	5181.115	249.145	5181.115
8/15/2009 23:20	802200	13.518	10.742	249.146	5181.114	249.146	5181.114
8/15/2009 23:25	802500	13.519	10.739	249.144	5181.116	249.144	5181.116
8/15/2009 23:30	802800	13.519	10.739	249.145	5181.115	249.145	5181.115
8/15/2009 23:35	803100	13.517	10.742	249.148	5181.112	249.148	5181.112
8/15/2009 23:40	803400	13.517	10.741	249.148	5181.112	249.148	5181.112
8/15/2009 23:45	803700	13.515	10.738	249.154	5181.106	249.154	5181.106
8/15/2009 23:50	804000	13.516	10.740	249.150	5181.110	249.150	5181.110
8/15/2009 23:55	804300	13.519	10.740	249.145	5181.115	249.145	5181.115
8/16/2009 0:00	804600	13.519	10.739	249.145	5181.115	249.145	5181.115
8/16/2009 0:05	804900	13.519	10.735	249.143	5181.117	249.143	5181.117
8/16/2009 0:10	805200	13.520	10.739	249.143	5181.117	249.143	5181.117
8/16/2009 0:15	805500	13.514	10.737	249.156	5181.104	249.156	5181.104
8/16/2009 0:20	805800	13.515	10.740	249.153	5181.107	249.153	5181.107
8/16/2009 0:25	806100	13.513	10.738	249.157	5181.103	249.157	5181.103

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/16/2009 0:30	806400	13.514	10.736	249.156	5181.104	249.156	5181.104
8/16/2009 0:35	806700	13.514	10.734	249.156	5181.104	249.156	5181.104
8/16/2009 0:40	807000	13.513	10.738	249.157	5181.103	249.157	5181.103
8/16/2009 0:45	807300	13.513	10.738	249.159	5181.101	249.159	5181.101
8/16/2009 0:50	807600	13.516	10.736	249.152	5181.108	249.152	5181.108
8/16/2009 0:55	807900	13.515	10.738	249.154	5181.106	249.154	5181.106
8/16/2009 1:00	808200	13.515	10.737	249.154	5181.106	249.154	5181.106
8/16/2009 1:05	808500	13.515	10.740	249.152	5181.108	249.152	5181.108
8/16/2009 1:10	808800	13.515	10.737	249.153	5181.107	249.153	5181.107
8/16/2009 1:15	809100	13.515	10.738	249.154	5181.106	249.154	5181.106
8/16/2009 1:20	809400	13.518	10.739	249.147	5181.113	249.147	5181.113
8/16/2009 1:25	809700	13.516	10.740	249.152	5181.108	249.152	5181.108
8/16/2009 1:30	810000	13.517	10.740	249.149	5181.111	249.149	5181.111
8/16/2009 1:35	810300	13.516	10.739	249.151	5181.109	249.151	5181.109
8/16/2009 1:40	810600	13.516	10.741	249.152	5181.108	249.152	5181.108
8/16/2009 1:45	810900	13.515	10.738	249.153	5181.107	249.153	5181.107
8/16/2009 1:50	811200	13.518	10.739	249.146	5181.114	249.146	5181.114
8/16/2009 1:55	811500	13.516	10.739	249.150	5181.110	249.150	5181.110
8/16/2009 2:00	811800	13.516	10.740	249.150	5181.110	249.150	5181.110
8/16/2009 2:05	812100	13.517	10.738	249.149	5181.111	249.149	5181.111
8/16/2009 2:10	812400	13.518	10.742	249.146	5181.114	249.146	5181.114
8/16/2009 2:15	812700	13.518	10.740	249.147	5181.113	249.147	5181.113
8/16/2009 2:20	813000	13.518	10.738	249.147	5181.113	249.147	5181.113
8/16/2009 2:25	813300	13.519	10.741	249.145	5181.115	249.145	5181.115
8/16/2009 2:30	813600	13.519	10.742	249.144	5181.116	249.144	5181.116
8/16/2009 2:35	813900	13.520	10.740	249.143	5181.117	249.143	5181.117
8/16/2009 2:40	814200	13.520	10.741	249.142	5181.118	249.142	5181.118
8/16/2009 2:45	814500	13.519	10.740	249.143	5181.117	249.143	5181.117
8/16/2009 2:50	814800	13.519	10.737	249.143	5181.117	249.143	5181.117
8/16/2009 2:55	815100	13.517	10.740	249.149	5181.111	249.149	5181.111
8/16/2009 3:00	815400	13.520	10.736	249.142	5181.118	249.142	5181.118
8/16/2009 3:05	815700	13.520	10.739	249.142	5181.118	249.142	5181.118
8/16/2009 3:10	816000	13.520	10.738	249.142	5181.118	249.142	5181.118
8/16/2009 3:15	816300	13.520	10.740	249.141	5181.119	249.141	5181.119
8/16/2009 3:20	816600	13.521	10.740	249.139	5181.121	249.139	5181.121
8/16/2009 3:25	816900	13.520	10.739	249.142	5181.118	249.142	5181.118
8/16/2009 3:30	817200	13.521	10.736	249.140	5181.120	249.140	5181.120
8/16/2009 3:35	817500	13.522	10.735	249.137	5181.123	249.137	5181.123
8/16/2009 3:40	817800	13.523	10.741	249.135	5181.125	249.135	5181.125
8/16/2009 3:45	818100	13.521	10.740	249.139	5181.121	249.139	5181.121
8/16/2009 3:50	818400	13.523	10.739	249.134	5181.126	249.134	5181.126
8/16/2009 3:55	818700	13.522	10.737	249.136	5181.124	249.136	5181.124
8/16/2009 4:00	819000	13.520	10.736	249.142	5181.118	249.142	5181.118
8/16/2009 4:05	819300	13.523	10.739	249.136	5181.124	249.136	5181.124
8/16/2009 4:10	819600	13.522	10.740	249.138	5181.122	249.138	5181.122
8/16/2009 4:15	819900	13.520	10.739	249.143	5181.117	249.143	5181.117
8/16/2009 4:20	820200	13.521	10.735	249.141	5181.119	249.141	5181.119
8/16/2009 4:25	820500	13.519	10.741	249.145	5181.115	249.145	5181.115
8/16/2009 4:30	820800	13.521	10.738	249.139	5181.121	249.139	5181.121
8/16/2009 4:35	821100	13.523	10.736	249.136	5181.124	249.136	5181.124
8/16/2009 4:40	821400	13.518	10.737	249.146	5181.114	249.146	5181.114
8/16/2009 4:45	821700	13.522	10.739	249.138	5181.122	249.138	5181.122
8/16/2009 4:50	822000	13.521	10.737	249.140	5181.120	249.140	5181.120
8/16/2009 4:55	822300	13.522	10.735	249.138	5181.122	249.138	5181.122
8/16/2009 5:00	822600	13.522	10.735	249.138	5181.122	249.138	5181.122
8/16/2009 5:05	822900	13.521	10.739	249.140	5181.120	249.140	5181.120

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/16/2009 5:10	823200	13.521	10.738	249.141	5181.119	249.141	5181.119
8/16/2009 5:15	823500	13.518	10.736	249.147	5181.113	249.147	5181.113
8/16/2009 5:20	823800	13.518	10.739	249.146	5181.114	249.146	5181.114
8/16/2009 5:25	824100	13.519	10.736	249.144	5181.116	249.144	5181.116
8/16/2009 5:30	824400	13.518	10.738	249.146	5181.114	249.146	5181.114
8/16/2009 5:35	824700	13.515	10.740	249.153	5181.107	249.153	5181.107
8/16/2009 5:40	825000	13.517	10.740	249.149	5181.111	249.149	5181.111
8/16/2009 5:45	825300	13.517	10.741	249.149	5181.111	249.149	5181.111
8/16/2009 5:50	825600	13.517	10.739	249.149	5181.111	249.149	5181.111
8/16/2009 5:55	825900	13.517	10.737	249.148	5181.112	249.148	5181.112
8/16/2009 6:00	826200	13.512	10.737	249.161	5181.099	249.161	5181.099
8/16/2009 6:05	826500	13.513	10.738	249.159	5181.101	249.159	5181.101
8/16/2009 6:10	826800	13.510	10.741	249.166	5181.094	249.166	5181.094
8/16/2009 6:15	827100	13.509	10.740	249.167	5181.093	249.167	5181.093
8/16/2009 6:20	827400	13.508	10.739	249.170	5181.090	249.170	5181.090
8/16/2009 6:25	827700	13.510	10.737	249.165	5181.095	249.165	5181.095
8/16/2009 6:30	828000	13.509	10.739	249.167	5181.093	249.167	5181.093
8/16/2009 6:35	828300	13.514	10.739	249.157	5181.103	249.157	5181.103
8/16/2009 6:40	828600	13.514	10.738	249.157	5181.103	249.157	5181.103
8/16/2009 6:45	828900	13.515	10.738	249.154	5181.106	249.154	5181.106
8/16/2009 6:50	829200	13.513	10.739	249.157	5181.103	249.157	5181.103
8/16/2009 6:55	829500	13.514	10.739	249.156	5181.104	249.156	5181.104
8/16/2009 7:00	829800	13.513	10.738	249.158	5181.102	249.158	5181.102
8/16/2009 7:05	830100	13.512	10.740	249.160	5181.100	249.160	5181.100
8/16/2009 7:10	830400	13.513	10.738	249.158	5181.102	249.158	5181.102
8/16/2009 7:15	830700	13.512	10.740	249.160	5181.100	249.160	5181.100
8/16/2009 7:20	831000	13.511	10.740	249.162	5181.098	249.162	5181.098
8/16/2009 7:25	831300	13.511	10.739	249.164	5181.096	249.164	5181.096
8/16/2009 7:30	831600	13.509	10.739	249.167	5181.093	249.167	5181.093
8/16/2009 7:35	831900	13.506	10.739	249.174	5181.086	249.174	5181.086
8/16/2009 7:40	832200	13.509	10.741	249.168	5181.092	249.168	5181.092
8/16/2009 7:45	832500	13.509	10.738	249.167	5181.093	249.167	5181.093
8/16/2009 7:50	832800	13.504	10.742	249.179	5181.081	249.179	5181.081
8/16/2009 7:55	833100	13.509	10.740	249.167	5181.093	249.167	5181.093
8/16/2009 8:00	833400	13.508	10.738	249.169	5181.091	249.169	5181.091
8/16/2009 8:05	833700	13.507	10.740	249.172	5181.088	249.172	5181.088
8/16/2009 8:10	834000	13.507	10.738	249.172	5181.088	249.172	5181.088
8/16/2009 8:15	834300	13.508	10.736	249.169	5181.091	249.169	5181.091
8/16/2009 8:20	834600	13.507	10.739	249.172	5181.088	249.172	5181.088
8/16/2009 8:25	834900	13.507	10.739	249.171	5181.089	249.171	5181.089
8/16/2009 8:30	835200	13.507	10.741	249.171	5181.089	249.171	5181.089
8/16/2009 8:35	835500	13.508	10.737	249.170	5181.090	249.170	5181.090
8/16/2009 8:40	835800	13.506	10.736	249.175	5181.085	249.175	5181.085
8/16/2009 8:45	836100	13.504	10.739	249.179	5181.081	249.179	5181.081
8/16/2009 8:50	836400	13.506	10.740	249.173	5181.087	249.173	5181.087
8/16/2009 8:55	836700	13.508	10.737	249.169	5181.091	249.169	5181.091
8/16/2009 9:00	837000	13.504	10.738	249.179	5181.081	249.179	5181.081
8/16/2009 9:05	837300	13.506	10.740	249.175	5181.085	249.175	5181.085
8/16/2009 9:10	837600	13.507	10.739	249.172	5181.088	249.172	5181.088
8/16/2009 9:15	837900	13.507	10.740	249.172	5181.088	249.172	5181.088
8/16/2009 9:20	838200	13.508	10.738	249.170	5181.090	249.170	5181.090
8/16/2009 9:25	838500	13.507	10.737	249.172	5181.088	249.172	5181.088
8/16/2009 9:30	838800	13.504	10.740	249.179	5181.081	249.179	5181.081
8/16/2009 9:35	839100	13.506	10.742	249.174	5181.086	249.174	5181.086
8/16/2009 9:40	839400	13.503	10.743	249.182	5181.078	249.182	5181.078
8/16/2009 9:45	839700	13.507	10.739	249.171	5181.089	249.171	5181.089

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/16/2009 9:50	840000	13.504	10.740	249.178	5181.082	249.178	5181.082
8/16/2009 9:55	840300	13.507	10.735	249.171	5181.089	249.171	5181.089
8/16/2009 10:00	840600	13.510	10.738	249.165	5181.095	249.165	5181.095
8/16/2009 10:05	840900	13.508	10.737	249.169	5181.091	249.169	5181.091
8/16/2009 10:10	841200	13.507	10.739	249.171	5181.089	249.171	5181.089
8/16/2009 10:15	841500	13.509	10.742	249.166	5181.094	249.166	5181.094
8/16/2009 10:20	841800	13.509	10.738	249.168	5181.092	249.168	5181.092
8/16/2009 10:25	842100	13.509	10.737	249.167	5181.093	249.167	5181.093
8/16/2009 10:30	842400	13.509	10.739	249.167	5181.093	249.167	5181.093
8/16/2009 10:35	842700	13.508	10.739	249.169	5181.091	249.169	5181.091
8/16/2009 10:40	843000	13.510	10.738	249.166	5181.094	249.166	5181.094
8/16/2009 10:45	843300	13.510	10.738	249.164	5181.096	249.164	5181.096
8/16/2009 10:50	843600	13.510	10.736	249.166	5181.094	249.166	5181.094
8/16/2009 10:55	843900	13.511	10.738	249.162	5181.098	249.162	5181.098
8/16/2009 11:00	844200	13.510	10.739	249.165	5181.095	249.165	5181.095
8/16/2009 11:05	844500	13.512	10.739	249.160	5181.100	249.160	5181.100
8/16/2009 11:10	844800	13.511	10.739	249.163	5181.097	249.163	5181.097
8/16/2009 11:15	845100	13.511	10.733	249.164	5181.096	249.164	5181.096
8/16/2009 11:20	845400	13.512	10.737	249.161	5181.099	249.161	5181.099
8/16/2009 11:25	845700	13.510	10.737	249.165	5181.095	249.165	5181.095
8/16/2009 11:30	846000	13.512	10.737	249.160	5181.100	249.160	5181.100
8/16/2009 11:35	846300	13.513	10.738	249.157	5181.103	249.157	5181.103
8/16/2009 11:40	846600	13.512	10.735	249.160	5181.100	249.160	5181.100
8/16/2009 11:45	846900	13.513	10.736	249.159	5181.101	249.159	5181.101
8/16/2009 11:50	847200	13.514	10.738	249.155	5181.105	249.155	5181.105
8/16/2009 11:55	847500	13.512	10.735	249.161	5181.099	249.161	5181.099
8/16/2009 12:00	847800	13.512	10.735	249.160	5181.100	249.160	5181.100
8/16/2009 12:05	848100	13.515	10.738	249.152	5181.108	249.152	5181.108
8/16/2009 12:10	848400	13.517	10.737	249.149	5181.111	249.149	5181.111
8/16/2009 12:15	848700	13.514	10.739	249.157	5181.103	249.157	5181.103
8/16/2009 12:20	849000	13.513	10.736	249.158	5181.102	249.158	5181.102
8/16/2009 12:25	849300	13.517	10.736	249.150	5181.110	249.150	5181.110
8/16/2009 12:30	849600	13.519	10.737	249.145	5181.115	249.145	5181.115
8/16/2009 12:35	849900	13.519	10.735	249.143	5181.117	249.143	5181.117
8/16/2009 12:40	850200	13.520	10.738	249.143	5181.117	249.143	5181.117
8/16/2009 12:45	850500	13.516	10.737	249.152	5181.108	249.152	5181.108
8/16/2009 12:50	850800	13.521	10.741	249.140	5181.120	249.140	5181.120
8/16/2009 12:55	851100	13.517	10.740	249.148	5181.112	249.148	5181.112
8/16/2009 13:00	851400	13.521	10.741	249.141	5181.119	249.141	5181.119
8/16/2009 13:05	851700	13.522	10.739	249.138	5181.122	249.138	5181.122
8/16/2009 13:10	852000	13.522	10.741	249.138	5181.122	249.138	5181.122
8/16/2009 13:15	852300	13.520	10.739	249.142	5181.118	249.142	5181.118
8/16/2009 13:20	852600	13.520	10.737	249.142	5181.118	249.142	5181.118
8/16/2009 13:25	852900	13.519	10.738	249.145	5181.115	249.145	5181.115
8/16/2009 13:30	853200	13.522	10.740	249.137	5181.123	249.137	5181.123
8/16/2009 13:35	853500	13.523	10.737	249.135	5181.125	249.135	5181.125
8/16/2009 13:40	853800	13.518	10.738	249.146	5181.114	249.146	5181.114
8/16/2009 13:45	854100	13.522	10.739	249.136	5181.124	249.136	5181.124
8/16/2009 13:50	854400	13.523	10.740	249.136	5181.124	249.136	5181.124
8/16/2009 13:55	854700	13.524	10.742	249.133	5181.127	249.133	5181.127
8/16/2009 14:00	855000	13.523	10.741	249.134	5181.126	249.134	5181.126
8/16/2009 14:05	855300	13.525	10.740	249.131	5181.129	249.131	5181.129
8/16/2009 14:10	855600	13.525	10.741	249.130	5181.130	249.130	5181.130
8/16/2009 14:15	855900	13.527	10.739	249.125	5181.135	249.125	5181.135
8/16/2009 14:20	856200	13.525	10.741	249.130	5181.130	249.130	5181.130
8/16/2009 14:25	856500	13.528	10.742	249.123	5181.137	249.123	5181.137

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/16/2009 14:30	856800	13.528	10.741	249.123	5181.137	249.123	5181.137
8/16/2009 14:35	857100	13.528	10.742	249.125	5181.135	249.125	5181.135
8/16/2009 14:40	857400	13.530	10.740	249.119	5181.141	249.119	5181.141
8/16/2009 14:45	857700	13.531	10.740	249.116	5181.144	249.116	5181.144
8/16/2009 14:50	858000	13.530	10.742	249.118	5181.142	249.118	5181.142
8/16/2009 14:55	858300	13.528	10.736	249.124	5181.136	249.124	5181.136
8/16/2009 15:00	858600	13.531	10.740	249.115	5181.145	249.115	5181.145
8/16/2009 15:05	858900	13.529	10.736	249.122	5181.138	249.122	5181.138
8/16/2009 15:10	859200	13.532	10.739	249.115	5181.145	249.115	5181.145
8/16/2009 15:15	859500	13.529	10.739	249.121	5181.139	249.121	5181.139
8/16/2009 15:20	859800	13.528	10.741	249.124	5181.136	249.124	5181.136
8/16/2009 15:25	860100	13.528	10.739	249.123	5181.137	249.123	5181.137
8/16/2009 15:30	860400	13.527	10.741	249.125	5181.135	249.125	5181.135
8/16/2009 15:35	860700	13.528	10.740	249.125	5181.135	249.125	5181.135
8/16/2009 15:40	861000	13.527	10.740	249.126	5181.134	249.126	5181.134
8/16/2009 15:45	861300	13.528	10.740	249.123	5181.137	249.123	5181.137
8/16/2009 15:50	861600	13.528	10.738	249.122	5181.138	249.122	5181.138
8/16/2009 15:55	861900	13.527	10.743	249.125	5181.135	249.125	5181.135
8/16/2009 16:00	862200	13.527	10.739	249.126	5181.134	249.126	5181.134
8/16/2009 16:05	862500	13.528	10.739	249.123	5181.137	249.123	5181.137
8/16/2009 16:10	862800	13.530	10.738	249.120	5181.140	249.120	5181.140
8/16/2009 16:15	863100	13.528	10.738	249.123	5181.137	249.123	5181.137
8/16/2009 16:20	863400	13.531	10.739	249.117	5181.143	249.117	5181.143
8/16/2009 16:25	863700	13.530	10.737	249.118	5181.142	249.118	5181.142
8/16/2009 16:30	864000	13.531	10.739	249.116	5181.144	249.116	5181.144
8/16/2009 16:35	864300	13.532	10.741	249.115	5181.145	249.115	5181.145
8/16/2009 16:40	864600	13.532	10.742	249.115	5181.145	249.115	5181.145
8/16/2009 16:45	864900	13.531	10.739	249.117	5181.143	249.117	5181.143
8/16/2009 16:50	865200	13.529	10.741	249.121	5181.139	249.121	5181.139
8/16/2009 16:55	865500	13.528	10.742	249.124	5181.136	249.124	5181.136
8/16/2009 17:00	865800	13.529	10.740	249.122	5181.138	249.122	5181.138
8/16/2009 17:05	866100	13.527	10.742	249.126	5181.134	249.126	5181.134
8/16/2009 17:10	866400	13.526	10.738	249.129	5181.131	249.129	5181.131
8/16/2009 17:15	866700	13.524	10.739	249.132	5181.128	249.132	5181.128
8/16/2009 17:20	867000	13.524	10.737	249.132	5181.128	249.132	5181.128
8/16/2009 17:25	867300	13.522	10.737	249.137	5181.123	249.137	5181.123
8/16/2009 17:30	867600	13.523	10.736	249.136	5181.124	249.136	5181.124
8/16/2009 17:35	867900	13.521	10.737	249.141	5181.119	249.141	5181.119
8/16/2009 17:40	868200	13.520	10.739	249.141	5181.119	249.141	5181.119
8/16/2009 17:45	868500	13.524	10.738	249.133	5181.127	249.133	5181.127
8/16/2009 17:50	868800	13.521	10.741	249.139	5181.121	249.139	5181.121
8/16/2009 17:55	869100	13.519	10.741	249.145	5181.115	249.145	5181.115
8/16/2009 18:00	869400	13.521	10.740	249.140	5181.120	249.140	5181.120
8/16/2009 18:05	869700	13.522	10.737	249.138	5181.122	249.138	5181.122
8/16/2009 18:10	870000	13.523	10.737	249.136	5181.124	249.136	5181.124
8/16/2009 18:15	870300	13.522	10.738	249.138	5181.122	249.138	5181.122
8/16/2009 18:20	870600	13.520	10.736	249.141	5181.119	249.141	5181.119
8/16/2009 18:25	870900	13.524	10.736	249.134	5181.126	249.134	5181.126
8/16/2009 18:30	871200	13.524	10.737	249.134	5181.126	249.134	5181.126
8/16/2009 18:35	871500	13.521	10.737	249.140	5181.120	249.140	5181.120
8/16/2009 18:40	871800	13.521	10.738	249.140	5181.120	249.140	5181.120
8/16/2009 18:45	872100	13.523	10.738	249.135	5181.125	249.135	5181.125
8/16/2009 18:50	872400	13.524	10.736	249.133	5181.127	249.133	5181.127
8/16/2009 18:55	872700	13.520	10.735	249.141	5181.119	249.141	5181.119
8/16/2009 19:00	873000	13.521	10.738	249.140	5181.120	249.140	5181.120
8/16/2009 19:05	873300	13.518	10.738	249.147	5181.113	249.147	5181.113

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/16/2009 19:10	873600	13.513	10.737	249.159	5181.101	249.159	5181.101
8/16/2009 19:15	873900	13.509	10.739	249.166	5181.094	249.166	5181.094
8/16/2009 19:20	874200	13.510	10.738	249.166	5181.094	249.166	5181.094
8/16/2009 19:25	874500	13.507	10.739	249.172	5181.088	249.172	5181.088
8/16/2009 19:30	874800	13.508	10.737	249.170	5181.090	249.170	5181.090
8/16/2009 19:35	875100	13.505	10.736	249.176	5181.084	249.176	5181.084
8/16/2009 19:40	875400	13.501	10.734	249.186	5181.074	249.186	5181.074
8/16/2009 19:45	875700	13.501	10.738	249.186	5181.074	249.186	5181.074
8/16/2009 19:50	876000	13.499	10.737	249.191	5181.069	249.191	5181.069
8/16/2009 19:55	876300	13.495	10.738	249.199	5181.061	249.199	5181.061
8/16/2009 20:00	876600	13.498	10.736	249.194	5181.066	249.194	5181.066
8/16/2009 20:05	876900	13.497	10.739	249.194	5181.066	249.194	5181.066
8/16/2009 20:10	877200	13.497	10.737	249.195	5181.065	249.195	5181.065
8/16/2009 20:15	877500	13.497	10.735	249.195	5181.065	249.195	5181.065
8/16/2009 20:20	877800	13.497	10.737	249.196	5181.064	249.196	5181.064
8/16/2009 20:25	878100	13.497	10.737	249.195	5181.065	249.195	5181.065
8/16/2009 20:30	878400	13.498	10.737	249.192	5181.068	249.192	5181.068
8/16/2009 20:35	878700	13.497	10.737	249.196	5181.064	249.196	5181.064
8/16/2009 20:40	879000	13.492	10.738	249.207	5181.053	249.207	5181.053
8/16/2009 20:45	879300	13.495	10.735	249.199	5181.061	249.199	5181.061
8/16/2009 20:50	879600	13.497	10.739	249.196	5181.064	249.196	5181.064
8/16/2009 20:55	879900	13.495	10.739	249.199	5181.061	249.199	5181.061
8/16/2009 21:00	880200	13.496	10.737	249.196	5181.064	249.196	5181.064
8/16/2009 21:05	880500	13.494	10.739	249.201	5181.059	249.201	5181.059
8/16/2009 21:10	880800	13.493	10.736	249.205	5181.055	249.205	5181.055
8/16/2009 21:15	881100	13.492	10.740	249.206	5181.054	249.206	5181.054
8/16/2009 21:20	881400	13.489	10.737	249.212	5181.048	249.212	5181.048
8/16/2009 21:25	881700	13.491	10.738	249.209	5181.051	249.209	5181.051
8/16/2009 21:30	882000	13.487	10.739	249.219	5181.041	249.219	5181.041
8/16/2009 21:35	882300	13.490	10.737	249.211	5181.049	249.211	5181.049
8/16/2009 21:40	882600	13.489	10.738	249.213	5181.047	249.213	5181.047
8/16/2009 21:45	882900	13.487	10.738	249.219	5181.041	249.219	5181.041
8/16/2009 21:50	883200	13.487	10.736	249.217	5181.043	249.217	5181.043
8/16/2009 21:55	883500	13.486	10.738	249.220	5181.040	249.220	5181.040
8/16/2009 22:00	883800	13.485	10.739	249.222	5181.038	249.222	5181.038
8/16/2009 22:05	884100	13.483	10.737	249.228	5181.032	249.228	5181.032
8/16/2009 22:10	884400	13.482	10.737	249.230	5181.030	249.230	5181.030
8/16/2009 22:15	884700	13.482	10.737	249.231	5181.029	249.231	5181.029
8/16/2009 22:20	885000	13.482	10.739	249.230	5181.030	249.230	5181.030
8/16/2009 22:25	885300	13.482	10.739	249.230	5181.030	249.230	5181.030
8/16/2009 22:30	885600	13.481	10.739	249.232	5181.028	249.232	5181.028
8/16/2009 22:35	885900	13.478	10.736	249.238	5181.022	249.238	5181.022
8/16/2009 22:40	886200	13.480	10.738	249.234	5181.026	249.234	5181.026
8/16/2009 22:45	886500	13.481	10.739	249.232	5181.028	249.232	5181.028
8/16/2009 22:50	886800	13.480	10.739	249.234	5181.026	249.234	5181.026
8/16/2009 22:55	887100	13.476	10.738	249.243	5181.017	249.243	5181.017
8/16/2009 23:00	887400	13.479	10.742	249.237	5181.023	249.237	5181.023
8/16/2009 23:05	887700	13.479	10.740	249.237	5181.023	249.237	5181.023
8/16/2009 23:10	888000	13.479	10.740	249.237	5181.023	249.237	5181.023
8/16/2009 23:15	888300	13.478	10.735	249.239	5181.021	249.239	5181.021
8/16/2009 23:20	888600	13.477	10.740	249.242	5181.018	249.242	5181.018
8/16/2009 23:25	888900	13.478	10.738	249.239	5181.021	249.239	5181.021
8/16/2009 23:30	889200	13.477	10.740	249.241	5181.019	249.241	5181.019
8/16/2009 23:35	889500	13.474	10.738	249.247	5181.013	249.247	5181.013
8/16/2009 23:40	889800	13.476	10.739	249.243	5181.017	249.243	5181.017
8/16/2009 23:45	890100	13.473	10.738	249.249	5181.011	249.249	5181.011

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected	Corrected
					5430.260 GW Elevation	DTW	GW Elev
8/16/2009 23:50	890400	13.476	10.740	249.244	5181.016	249.244	5181.016
8/16/2009 23:55	890700	13.474	10.737	249.249	5181.011	249.249	5181.011
8/17/2009 0:00	891000	13.472	10.738	249.253	5181.007	249.253	5181.007
8/17/2009 0:05	891300	13.472	10.739	249.253	5181.007	249.253	5181.007
8/17/2009 0:10	891600	13.471	10.740	249.255	5181.005	249.255	5181.005
8/17/2009 0:15	891900	13.474	10.741	249.249	5181.011	249.249	5181.011
8/17/2009 0:20	892200	13.474	10.742	249.248	5181.012	249.248	5181.012
8/17/2009 0:25	892500	13.474	10.740	249.249	5181.011	249.249	5181.011
8/17/2009 0:30	892800	13.474	10.739	249.248	5181.012	249.248	5181.012
8/17/2009 0:35	893100	13.473	10.737	249.251	5181.009	249.251	5181.009
8/17/2009 0:40	893400	13.472	10.741	249.253	5181.007	249.253	5181.007
8/17/2009 0:45	893700	13.472	10.734	249.253	5181.007	249.253	5181.007
8/17/2009 0:50	894000	13.471	10.738	249.255	5181.005	249.255	5181.005
8/17/2009 0:55	894300	13.468	10.738	249.262	5180.998	249.262	5180.998
8/17/2009 1:00	894600	13.467	10.737	249.264	5180.996	249.264	5180.996
8/17/2009 1:05	894900	13.470	10.736	249.256	5181.004	249.256	5181.004
8/17/2009 1:10	895200	13.470	10.738	249.257	5181.003	249.257	5181.003
8/17/2009 1:15	895500	13.473	10.737	249.250	5181.010	249.250	5181.010
8/17/2009 1:20	895800	13.470	10.741	249.258	5181.002	249.258	5181.002
8/17/2009 1:25	896100	13.473	10.738	249.249	5181.011	249.249	5181.011
8/17/2009 1:30	896400	13.470	10.739	249.257	5181.003	249.257	5181.003
8/17/2009 1:35	896700	13.474	10.740	249.248	5181.012	249.248	5181.012
8/17/2009 1:40	897000	13.476	10.737	249.244	5181.016	249.244	5181.016
8/17/2009 1:45	897300	13.478	10.737	249.240	5181.020	249.240	5181.020
8/17/2009 1:50	897600	13.477	10.739	249.241	5181.019	249.241	5181.019
8/17/2009 1:55	897900	13.475	10.737	249.247	5181.013	249.247	5181.013
8/17/2009 2:00	898200	13.476	10.739	249.244	5181.016	249.244	5181.016
8/17/2009 2:05	898500	13.479	10.740	249.237	5181.023	249.237	5181.023
8/17/2009 2:10	898800	13.479	10.740	249.237	5181.023	249.237	5181.023
8/17/2009 2:15	899100	13.479	10.739	249.237	5181.023	249.237	5181.023
8/17/2009 2:20	899400	13.479	10.739	249.237	5181.023	249.237	5181.023
8/17/2009 2:25	899700	13.479	10.741	249.237	5181.023	249.237	5181.023
8/17/2009 2:30	900000	13.477	10.742	249.242	5181.018	249.242	5181.018
8/17/2009 2:35	900300	13.479	10.740	249.236	5181.024	249.236	5181.024
8/17/2009 2:40	900600	13.480	10.739	249.235	5181.025	249.235	5181.025
8/17/2009 2:45	900900	13.476	10.742	249.244	5181.016	249.244	5181.016
8/17/2009 2:50	901200	13.479	10.742	249.237	5181.023	249.237	5181.023
8/17/2009 2:55	901500	13.480	10.743	249.235	5181.025	249.235	5181.025
8/17/2009 3:00	901800	13.479	10.739	249.236	5181.024	249.236	5181.024
8/17/2009 3:05	902100	13.479	10.742	249.237	5181.023	249.237	5181.023
8/17/2009 3:10	902400	13.478	10.742	249.239	5181.021	249.239	5181.021
8/17/2009 3:15	902700	13.477	10.741	249.241	5181.019	249.241	5181.019
8/17/2009 3:20	903000	13.475	10.742	249.245	5181.015	249.245	5181.015
8/17/2009 3:25	903300	13.474	10.739	249.247	5181.013	249.247	5181.013
8/17/2009 3:30	903600	13.475	10.743	249.245	5181.015	249.245	5181.015
8/17/2009 3:35	903900	13.474	10.741	249.248	5181.012	249.248	5181.012
8/17/2009 3:40	904200	13.477	10.741	249.242	5181.018	249.242	5181.018
8/17/2009 3:45	904500	13.476	10.743	249.244	5181.016	249.244	5181.016
8/17/2009 3:50	904800	13.472	10.740	249.253	5181.007	249.253	5181.007
8/17/2009 3:55	905100	13.474	10.741	249.249	5181.011	249.249	5181.011
8/17/2009 4:00	905400	13.474	10.740	249.248	5181.012	249.248	5181.012
8/17/2009 4:05	905700	13.473	10.741	249.250	5181.010	249.250	5181.010
8/17/2009 4:10	906000	13.469	10.741	249.260	5181.000	249.260	5181.000
8/17/2009 4:15	906300	13.470	10.742	249.257	5181.003	249.257	5181.003
8/17/2009 4:20	906600	13.472	10.740	249.254	5181.006	249.254	5181.006
8/17/2009 4:25	906900	13.470	10.737	249.257	5181.003	249.257	5181.003

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/17/2009 4:30	907200	13.470	10.738	249.258	5181.002	249.258	5181.002
8/17/2009 4:35	907500	13.471	10.739	249.256	5181.004	249.256	5181.004
8/17/2009 4:40	907800	13.467	10.737	249.265	5180.995	249.265	5180.995
8/17/2009 4:45	908100	13.469	10.738	249.260	5181.000	249.260	5181.000
8/17/2009 4:50	908400	13.471	10.740	249.256	5181.004	249.256	5181.004
8/17/2009 4:55	908700	13.471	10.738	249.255	5181.005	249.255	5181.005
8/17/2009 5:00	909000	13.470	10.738	249.258	5181.002	249.258	5181.002
8/17/2009 5:05	909300	13.468	10.737	249.263	5180.997	249.263	5180.997
8/17/2009 5:10	909600	13.469	10.737	249.259	5181.001	249.259	5181.001
8/17/2009 5:15	909900	13.469	10.737	249.260	5181.000	249.260	5181.000
8/17/2009 5:20	910200	13.467	10.739	249.263	5180.997	249.263	5180.997
8/17/2009 5:25	910500	13.470	10.741	249.257	5181.003	249.257	5181.003
8/17/2009 5:30	910800	13.466	10.742	249.267	5180.993	249.267	5180.993
8/17/2009 5:35	911100	13.469	10.743	249.259	5181.001	249.259	5181.001
8/17/2009 5:40	911400	13.469	10.738	249.260	5181.000	249.260	5181.000
8/17/2009 5:45	911700	13.469	10.738	249.259	5181.001	249.259	5181.001
8/17/2009 5:50	912000	13.466	10.740	249.266	5180.994	249.266	5180.994
8/17/2009 5:55	912300	13.463	10.741	249.274	5180.986	249.274	5180.986
8/17/2009 6:00	912600	13.466	10.739	249.267	5180.993	249.267	5180.993
8/17/2009 6:05	912900	13.465	10.740	249.268	5180.992	249.268	5180.992
8/17/2009 6:10	913200	13.463	10.735	249.273	5180.987	249.273	5180.987
8/17/2009 6:15	913500	13.463	10.737	249.274	5180.986	249.274	5180.986
8/17/2009 6:20	913800	13.460	10.733	249.280	5180.980	249.280	5180.980
8/17/2009 6:25	914100	13.461	10.737	249.277	5180.983	249.277	5180.983
8/17/2009 6:30	914400	13.462	10.736	249.276	5180.984	249.276	5180.984
8/17/2009 6:35	914700	13.463	10.734	249.274	5180.986	249.274	5180.986
8/17/2009 6:40	915000	13.462	10.735	249.277	5180.983	249.277	5180.983
8/17/2009 6:45	915300	13.464	10.736	249.272	5180.988	249.272	5180.988
8/17/2009 6:50	915600	13.462	10.736	249.276	5180.984	249.276	5180.984
8/17/2009 6:55	915900	13.461	10.735	249.278	5180.982	249.278	5180.982
8/17/2009 7:00	916200	13.460	10.735	249.280	5180.980	249.280	5180.980
8/17/2009 7:05	916500	13.460	10.738	249.280	5180.980	249.280	5180.980
8/17/2009 7:10	916800	13.456	10.735	249.289	5180.971	249.289	5180.971
8/17/2009 7:15	917100	13.458	10.739	249.284	5180.976	249.284	5180.976
8/17/2009 7:20	917400	13.458	10.737	249.286	5180.974	249.286	5180.974
8/17/2009 7:25	917700	13.454	10.738	249.295	5180.965	249.295	5180.965
8/17/2009 7:30	918000	13.457	10.735	249.287	5180.973	249.287	5180.973
8/17/2009 7:35	918300	13.457	10.739	249.288	5180.972	249.288	5180.972
8/17/2009 7:40	918600	13.456	10.738	249.289	5180.971	249.289	5180.971
8/17/2009 7:45	918900	13.454	10.738	249.294	5180.966	249.294	5180.966
8/17/2009 7:50	919200	13.455	10.740	249.293	5180.967	249.293	5180.967
8/17/2009 7:55	919500	13.453	10.737	249.296	5180.964	249.296	5180.964
8/17/2009 8:00	919800	13.455	10.737	249.293	5180.967	249.293	5180.967
8/17/2009 8:05	920100	13.454	10.740	249.294	5180.966	249.294	5180.966
8/17/2009 8:10	920400	13.453	10.737	249.296	5180.964	249.296	5180.964
8/17/2009 8:15	920700	13.452	10.740	249.298	5180.962	249.298	5180.962
8/17/2009 8:20	921000	13.452	10.737	249.299	5180.961	249.299	5180.961
8/17/2009 8:25	921300	13.452	10.737	249.299	5180.961	249.299	5180.961
8/17/2009 8:30	921600	13.452	10.736	249.298	5180.962	249.298	5180.962
8/17/2009 8:35	921900	13.450	10.738	249.303	5180.957	249.303	5180.957
8/17/2009 8:40	922200	13.450	10.738	249.304	5180.956	249.304	5180.956
8/17/2009 8:45	922500	13.447	10.737	249.311	5180.949	249.311	5180.949
8/17/2009 8:50	922800	13.449	10.736	249.307	5180.953	249.307	5180.953
8/17/2009 8:55	923100	13.449	10.738	249.307	5180.953	249.307	5180.953
8/17/2009 9:00	923400	13.447	10.738	249.309	5180.951	249.309	5180.951
8/17/2009 9:05	923700	13.447	10.736	249.311	5180.949	249.311	5180.949

Appendix B-3. MW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date and Time	Elapsed Time Sec	SN#: 119061 PSI	SN#: 119061 Temp - C	SN#: 119061 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
					5430.260 GW Elevation		
8/17/2009 9:10	924000	13.448	10.735	249.308	5180.952	249.308	5180.952
8/17/2009 9:15	924300	13.447	10.735	249.310	5180.950	249.310	5180.950
8/17/2009 9:20	924600	13.442	10.739	249.322	5180.938	249.322	5180.938
8/17/2009 9:25	924900	13.444	10.739	249.318	5180.942	249.318	5180.942
8/17/2009 9:30	925200	13.444	10.736	249.318	5180.942	249.318	5180.942
8/17/2009 9:35	925500	13.444	10.738	249.317	5180.943	249.317	5180.943
8/17/2009 9:40	925800	13.443	10.741	249.319	5180.941	249.319	5180.941
8/17/2009 9:45	926100	13.445	10.735	249.314	5180.946	249.314	5180.946
8/17/2009 9:50	926400	13.445	10.738	249.316	5180.944	249.316	5180.944
8/17/2009 9:55	926700	13.445	10.739	249.316	5180.944	249.316	5180.944
8/17/2009 10:00	927000	13.444	10.736	249.317	5180.943	249.317	5180.943
8/17/2009 10:05	927300	13.444	10.737	249.317	5180.943	249.317	5180.943
8/17/2009 10:10	927600	13.442	10.739	249.321	5180.939	249.321	5180.939
8/17/2009 10:15	927900	13.443	10.738	249.321	5180.939	249.321	5180.939
8/17/2009 10:20	928200	13.444	10.738	249.317	5180.943	249.317	5180.943
8/17/2009 10:25	928500	13.444	10.740	249.317	5180.943	249.317	5180.943
8/17/2009 10:30	928800	13.444	10.736	249.319	5180.941	249.319	5180.941
8/17/2009 10:35	929100	13.442	10.736	249.322	5180.938	249.322	5180.938
8/17/2009 10:40	929400	13.439	10.740	249.329	5180.931	249.329	5180.931
8/17/2009 10:45	929700	13.443	10.739	249.320	5180.940	249.320	5180.940
8/17/2009 10:50	930000	13.445	10.739	249.316	5180.944	249.316	5180.944
8/17/2009 10:55	930300	13.444	10.739	249.318	5180.942	249.318	5180.942
8/17/2009 11:00	930600	13.442	10.738	249.323	5180.937	249.323	5180.937
8/17/2009 11:05	930900	13.442	10.742	249.321	5180.939	249.321	5180.939
8/17/2009 11:10	931200	13.439	10.739	249.328	5180.932	249.328	5180.932
8/17/2009 11:15	931500	13.442	10.740	249.322	5180.938	249.322	5180.938
8/17/2009 11:20	931800	13.442	10.738	249.322	5180.938	249.322	5180.938
8/17/2009 11:25	932100	13.443	10.739	249.319	5180.941	249.319	5180.941
8/17/2009 11:30	932400	13.442	10.738	249.322	5180.938	249.322	5180.938
8/17/2009 11:35	932700	13.443	10.738	249.320	5180.940	249.320	5180.940
8/17/2009 11:40	933000	13.440	10.741	249.326	5180.934	249.326	5180.934
8/17/2009 11:45	933300	13.443	10.740	249.320	5180.940	249.320	5180.940

APPENDIX B-4
UMW-3 WATER LEVEL DATA

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/6/09	16:45:00	0	15.209	10.612	196.789	5232.211	195.329	5233.671
8/6/09	16:50:00	5	15.212	10.484	196.783	5232.217	195.323	5233.677
8/6/09	16:55:00	10	15.201	10.439	196.807	5232.193	195.347	5233.653
8/6/09	17:00:00	15	15.175	10.421	196.868	5232.132	195.408	5233.592
8/6/09	17:05:00	20	15.172	10.414	196.874	5232.126	195.414	5233.586
8/6/09	17:10:00	25	15.164	10.411	196.894	5232.106	195.434	5233.566
8/6/09	17:15:00	30	15.160	10.409	196.903	5232.097	195.443	5233.557
8/6/09	17:20:00	35	15.152	10.412	196.920	5232.080	195.460	5233.540
8/6/09	17:25:00	40	15.138	10.415	196.953	5232.047	195.493	5233.507
8/6/09	17:30:00	45	15.127	10.414	196.978	5232.022	195.518	5233.482
8/6/09	17:35:00	50	15.124	10.412	196.986	5232.014	195.526	5233.474
8/6/09	17:40:00	55	15.110	10.412	197.019	5231.981	195.559	5233.441
8/6/09	17:45:00	60	15.098	10.408	197.046	5231.954	195.586	5233.414
8/6/09	17:50:00	65	15.088	10.405	197.068	5231.932	195.608	5233.392
8/6/09	17:55:00	70	15.077	10.406	197.095	5231.905	195.635	5233.365
8/6/09	18:00:00	75	15.064	10.409	197.125	5231.875	195.665	5233.335
8/6/09	18:05:00	80	15.053	10.414	197.149	5231.851	195.689	5233.311
8/6/09	18:10:00	85	15.041	10.417	197.178	5231.822	195.718	5233.282
8/6/09	18:15:00	90	15.033	10.418	197.195	5231.805	195.735	5233.265
8/6/09	18:20:00	95	15.025	10.416	197.214	5231.786	195.754	5233.246
8/6/09	18:25:00	100	15.021	10.413	197.224	5231.776	195.764	5233.236
8/6/09	18:30:00	105	15.010	10.413	197.250	5231.750	195.790	5233.210
8/6/09	18:35:00	110	15.001	10.416	197.268	5231.732	195.808	5233.192
8/6/09	18:40:00	115	14.992	10.417	197.290	5231.710	195.830	5233.170
8/6/09	18:45:00	120	14.982	10.419	197.312	5231.688	195.852	5233.148
8/6/09	18:50:00	125	14.969	10.417	197.343	5231.657	195.883	5233.117
8/6/09	18:55:00	130	14.959	10.415	197.366	5231.634	195.906	5233.094
8/6/09	19:00:00	135	14.950	10.408	197.388	5231.612	195.928	5233.072
8/6/09	19:05:00	140	14.942	10.408	197.407	5231.593	195.947	5233.053
8/6/09	19:10:00	145	14.933	10.410	197.427	5231.573	195.967	5233.033
8/6/09	19:15:00	150	14.928	10.402	197.438	5231.562	195.978	5233.022
8/6/09	19:20:00	155	14.921	10.402	197.454	5231.546	195.994	5233.006
8/6/09	19:25:00	160	14.915	10.404	197.468	5231.532	196.008	5232.992
8/6/09	19:30:00	165	14.909	10.411	197.481	5231.519	196.021	5232.979
8/6/09	19:35:00	170	14.896	10.413	197.513	5231.487	196.053	5232.947
8/6/09	19:40:00	175	14.886	10.413	197.536	5231.464	196.076	5232.924
8/6/09	19:45:00	180	14.871	10.411	197.569	5231.431	196.109	5232.891
8/6/09	19:50:00	185	14.869	10.409	197.575	5231.425	196.115	5232.885
8/6/09	19:55:00	190	14.862	10.416	197.592	5231.408	196.132	5232.868
8/6/09	20:00:00	195	14.853	10.414	197.612	5231.388	196.152	5232.848
8/6/09	20:05:00	200	14.843	10.413	197.635	5231.365	196.175	5232.825
8/6/09	20:10:00	205	14.838	10.417	197.645	5231.355	196.185	5232.815
8/6/09	20:15:00	210	14.827	10.407	197.670	5231.330	196.210	5232.790
8/6/09	20:20:00	215	14.822	10.411	197.683	5231.317	196.223	5232.777
8/6/09	20:25:00	220	14.814	10.413	197.702	5231.298	196.242	5232.758
8/6/09	20:30:00	225	14.807	10.414	197.717	5231.283	196.257	5232.743
8/6/09	20:35:00	230	14.801	10.416	197.732	5231.268	196.272	5232.728
8/6/09	20:40:00	235	14.794	10.419	197.748	5231.252	196.288	5232.712
8/6/09	20:45:00	240	14.787	10.418	197.763	5231.237	196.303	5232.697
8/6/09	20:50:00	245	14.777	10.416	197.786	5231.214	196.326	5232.674
8/6/09	20:55:00	250	14.770	10.416	197.804	5231.196	196.344	5232.656
8/6/09	21:00:00	255	14.763	10.415	197.818	5231.182	196.358	5232.642

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/6/09	21:05:00	260	14.751	10.413	197.847	5231.153	196.387	5232.613
8/6/09	21:10:00	265	14.750	10.416	197.850	5231.150	196.390	5232.610
8/6/09	21:15:00	270	14.742	10.412	197.867	5231.133	196.407	5232.593
8/6/09	21:20:00	275	14.735	10.411	197.884	5231.116	196.424	5232.576
8/6/09	21:25:00	280	14.726	10.411	197.904	5231.096	196.444	5232.556
8/6/09	21:30:00	285	14.717	10.412	197.926	5231.074	196.466	5232.534
8/6/09	21:35:00	290	14.713	10.412	197.934	5231.066	196.474	5232.526
8/6/09	21:40:00	295	14.702	10.414	197.959	5231.041	196.499	5232.501
8/6/09	21:45:00	300	14.690	10.407	197.988	5231.012	196.528	5232.472
8/6/09	21:50:00	305	14.669	10.409	198.035	5230.965	196.575	5232.425
8/6/09	21:55:00	310	14.663	10.408	198.050	5230.950	196.590	5232.410
8/6/09	22:00:00	315	14.656	10.407	198.066	5230.934	196.606	5232.394
8/6/09	22:05:00	320	14.647	10.407	198.088	5230.912	196.628	5232.372
8/6/09	22:10:00	325	14.638	10.411	198.107	5230.893	196.647	5232.353
8/6/09	22:15:00	330	14.627	10.410	198.132	5230.868	196.672	5232.328
8/6/09	22:20:00	335	14.618	10.406	198.153	5230.847	196.693	5232.307
8/6/09	22:25:00	340	14.613	10.412	198.165	5230.835	196.705	5232.295
8/6/09	22:30:00	345	14.611	10.405	198.170	5230.830	196.710	5232.290
8/6/09	22:35:00	350	14.601	10.408	198.193	5230.807	196.733	5232.267
8/6/09	22:40:00	355	14.593	10.412	198.211	5230.789	196.751	5232.249
8/6/09	22:45:00	360	14.591	10.413	198.217	5230.783	196.757	5232.243
8/6/09	22:50:00	365	14.584	10.412	198.232	5230.768	196.772	5232.228
8/6/09	22:55:00	370	14.578	10.410	198.247	5230.753	196.787	5232.213
8/6/09	23:00:00	375	14.573	10.413	198.258	5230.742	196.798	5232.202
8/6/09	23:05:00	380	14.569	10.411	198.266	5230.734	196.806	5232.194
8/6/09	23:10:00	385	14.558	10.413	198.291	5230.709	196.831	5232.169
8/6/09	23:15:00	390	14.558	10.416	198.293	5230.707	196.833	5232.167
8/6/09	23:20:00	395	14.550	10.417	198.311	5230.689	196.851	5232.149
8/6/09	23:25:00	400	14.548	10.418	198.316	5230.684	196.856	5232.144
8/6/09	23:30:00	405	14.550	10.413	198.311	5230.689	196.851	5232.149
8/6/09	23:35:00	410	14.549	10.409	198.313	5230.687	196.853	5232.147
8/6/09	23:40:00	415	14.542	10.410	198.330	5230.670	196.870	5232.130
8/6/09	23:45:00	420	14.539	10.405	198.335	5230.665	196.875	5232.125
8/6/09	23:50:00	425	14.532	10.405	198.352	5230.648	196.892	5232.108
8/6/09	23:55:00	430	14.528	10.412	198.362	5230.638	196.902	5232.098
8/7/09	0:00:00	435	14.523	10.413	198.374	5230.626	196.914	5232.086
8/7/09	0:05:00	440	14.519	10.413	198.382	5230.618	196.922	5232.078
8/7/09	0:10:00	445	14.515	10.411	198.392	5230.608	196.932	5232.068
8/7/09	0:15:00	450	14.512	10.412	198.398	5230.602	196.938	5232.062
8/7/09	0:20:00	455	14.502	10.415	198.421	5230.579	196.961	5232.039
8/7/09	0:25:00	460	14.496	10.413	198.435	5230.565	196.975	5232.025
8/7/09	0:30:00	465	14.489	10.412	198.451	5230.549	196.991	5232.009
8/7/09	0:35:00	470	14.482	10.412	198.468	5230.532	197.008	5231.992
8/7/09	0:40:00	475	14.476	10.406	198.481	5230.519	197.021	5231.979
8/7/09	0:45:00	480	14.469	10.407	198.498	5230.502	197.038	5231.962
8/7/09	0:50:00	485	14.462	10.406	198.514	5230.486	197.054	5231.946
8/7/09	0:55:00	490	14.457	10.406	198.525	5230.475	197.065	5231.935
8/7/09	1:00:00	495	14.454	10.408	198.532	5230.468	197.072	5231.928
8/7/09	1:05:00	500	14.446	10.409	198.551	5230.449	197.091	5231.909
8/7/09	1:10:00	505	14.443	10.410	198.557	5230.443	197.097	5231.903
8/7/09	1:15:00	510	14.440	10.412	198.565	5230.435	197.105	5231.895
8/7/09	1:20:00	515	14.436	10.413	198.575	5230.425	197.115	5231.885

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected	Corrected
						5429.000 GW Elevation	DTW	GW Elev
8/7/09	1:25:00	520	14.432	10.416	198.583	5230.417	197.123	5231.877
8/7/09	1:30:00	525	14.437	10.414	198.573	5230.427	197.113	5231.887
8/7/09	1:35:00	530	14.431	10.414	198.586	5230.414	197.126	5231.874
8/7/09	1:40:00	535	14.426	10.412	198.598	5230.402	197.138	5231.862
8/7/09	1:45:00	540	14.423	10.409	198.605	5230.395	197.145	5231.855
8/7/09	1:50:00	545	14.418	10.409	198.615	5230.385	197.155	5231.845
8/7/09	1:55:00	550	14.415	10.411	198.624	5230.376	197.164	5231.836
8/7/09	2:00:00	555	14.408	10.409	198.639	5230.361	197.179	5231.821
8/7/09	2:05:00	560	14.401	10.405	198.654	5230.346	197.194	5231.806
8/7/09	2:10:00	565	14.398	10.404	198.662	5230.338	197.202	5231.798
8/7/09	2:15:00	570	14.393	10.409	198.673	5230.327	197.213	5231.787
8/7/09	2:20:00	575	14.392	10.410	198.675	5230.325	197.215	5231.785
8/7/09	2:25:00	580	14.391	10.405	198.678	5230.322	197.218	5231.782
8/7/09	2:30:00	585	14.387	10.410	198.687	5230.313	197.227	5231.773
8/7/09	2:35:00	590	14.382	10.411	198.698	5230.302	197.238	5231.762
8/7/09	2:40:00	595	14.376	10.410	198.712	5230.288	197.252	5231.748
8/7/09	2:45:00	600	14.374	10.410	198.717	5230.283	197.257	5231.743
8/7/09	2:50:00	605	14.374	10.410	198.717	5230.283	197.257	5231.743
8/7/09	2:55:00	610	14.369	10.412	198.728	5230.272	197.268	5231.732
8/7/09	3:00:00	615	14.362	10.415	198.744	5230.256	197.284	5231.716
8/7/09	3:05:00	620	14.361	10.418	198.747	5230.253	197.287	5231.713
8/7/09	3:10:00	625	14.357	10.421	198.756	5230.244	197.296	5231.704
8/7/09	3:15:00	630	14.352	10.414	198.767	5230.233	197.307	5231.693
8/7/09	3:20:00	635	14.348	10.410	198.778	5230.222	197.318	5231.682
8/7/09	3:25:00	640	14.346	10.410	198.782	5230.218	197.322	5231.678
8/7/09	3:30:00	645	14.343	10.411	198.790	5230.210	197.330	5231.670
8/7/09	3:35:00	650	14.342	10.409	198.792	5230.208	197.332	5231.668
8/7/09	3:40:00	655	14.339	10.408	198.797	5230.203	197.337	5231.663
8/7/09	3:45:00	660	14.336	10.408	198.804	5230.196	197.344	5231.656
8/7/09	3:50:00	665	14.333	10.400	198.813	5230.187	197.353	5231.647
8/7/09	3:55:00	670	14.330	10.405	198.818	5230.182	197.358	5231.642
8/7/09	4:00:00	675	14.324	10.409	198.833	5230.167	197.373	5231.627
8/7/09	4:05:00	680	14.316	10.410	198.852	5230.148	197.392	5231.608
8/7/09	4:10:00	685	14.315	10.412	198.855	5230.145	197.395	5231.605
8/7/09	4:15:00	690	14.307	10.410	198.872	5230.128	197.412	5231.588
8/7/09	4:20:00	695	14.304	10.414	198.878	5230.122	197.418	5231.582
8/7/09	4:25:00	700	14.298	10.408	198.892	5230.108	197.432	5231.568
8/7/09	4:30:00	705	14.292	10.406	198.906	5230.094	197.446	5231.554
8/7/09	4:35:00	710	14.287	10.412	198.918	5230.082	197.458	5231.542
8/7/09	4:40:00	715	14.287	10.411	198.918	5230.082	197.458	5231.542
8/7/09	4:45:00	720	14.275	10.413	198.946	5230.054	197.486	5231.514
8/7/09	4:50:00	725	14.271	10.407	198.955	5230.045	197.495	5231.505
8/7/09	4:55:00	730	14.264	10.412	198.972	5230.028	197.512	5231.488
8/7/09	5:00:00	735	14.269	10.411	198.960	5230.040	197.500	5231.500
8/7/09	5:05:00	740	14.263	10.410	198.975	5230.025	197.515	5231.485
8/7/09	5:10:00	745	14.257	10.412	198.987	5230.013	197.527	5231.473
8/7/09	5:15:00	750	14.254	10.414	198.994	5230.006	197.534	5231.466
8/7/09	5:20:00	755	14.252	10.416	198.999	5230.001	197.539	5231.461
8/7/09	5:25:00	760	14.250	10.413	199.005	5229.995	197.545	5231.455
8/7/09	5:30:00	765	14.246	10.416	199.012	5229.988	197.552	5231.448
8/7/09	5:35:00	770	14.243	10.419	199.019	5229.981	197.559	5231.441
8/7/09	5:40:00	775	14.241	10.415	199.024	5229.976	197.564	5231.436

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/7/09	5:45:00	780	14.239	10.410	199.029	5229.971	197.569	5231.431
8/7/09	5:50:00	785	14.236	10.409	199.036	5229.964	197.576	5231.424
8/7/09	5:55:00	790	14.229	10.409	199.052	5229.948	197.592	5231.408
8/7/09	6:00:00	795	14.230	10.414	199.050	5229.950	197.590	5231.410
8/7/09	6:05:00	800	14.225	10.408	199.062	5229.938	197.602	5231.398
8/7/09	6:10:00	805	14.230	10.408	199.049	5229.951	197.589	5231.411
8/7/09	6:15:00	810	14.226	10.411	199.060	5229.940	197.600	5231.400
8/7/09	6:20:00	815	14.219	10.411	199.075	5229.925	197.615	5231.385
8/7/09	6:25:00	820	14.215	10.412	199.084	5229.916	197.624	5231.376
8/7/09	6:30:00	825	14.208	10.415	199.101	5229.899	197.641	5231.359
8/7/09	6:35:00	830	14.207	10.414	199.102	5229.898	197.642	5231.358
8/7/09	6:40:00	835	14.199	10.415	199.120	5229.880	197.660	5231.340
8/7/09	6:45:00	840	14.196	10.413	199.129	5229.871	197.669	5231.331
8/7/09	6:50:00	845	14.188	10.413	199.147	5229.853	197.687	5231.313
8/7/09	6:55:00	850	14.187	10.410	199.148	5229.852	197.688	5231.312
8/7/09	7:00:00	855	14.175	10.413	199.177	5229.823	197.717	5231.283
8/7/09	7:05:00	860	14.176	10.412	199.174	5229.826	197.714	5231.286
8/7/09	7:10:00	865	14.173	10.409	199.180	5229.820	197.720	5231.280
8/7/09	7:15:00	870	14.166	10.408	199.198	5229.802	197.738	5231.262
8/7/09	7:20:00	875	14.162	10.409	199.206	5229.794	197.746	5231.254
8/7/09	7:25:00	880	14.156	10.411	199.220	5229.780	197.760	5231.240
8/7/09	7:30:00	885	14.147	10.410	199.242	5229.758	197.782	5231.218
8/7/09	7:35:00	890	14.147	10.414	199.242	5229.758	197.782	5231.218
8/7/09	7:40:00	895	14.146	10.412	199.244	5229.756	197.784	5231.216
8/7/09	7:45:00	900	14.143	10.416	199.251	5229.749	197.791	5231.209
8/7/09	7:50:00	905	14.138	10.418	199.262	5229.738	197.802	5231.198
8/7/09	7:55:00	910	14.135	10.417	199.268	5229.732	197.808	5231.192
8/7/09	8:00:00	915	14.132	10.417	199.277	5229.723	197.817	5231.183
8/7/09	8:05:00	920	14.124	10.417	199.295	5229.705	197.835	5231.165
8/7/09	8:10:00	925	14.122	10.421	199.300	5229.700	197.840	5231.160
8/7/09	8:15:00	930	14.114	10.418	199.318	5229.682	197.858	5231.142
8/7/09	8:20:00	935	14.111	10.421	199.325	5229.675	197.865	5231.135
8/7/09	8:25:00	940	14.106	10.422	199.337	5229.663	197.877	5231.123
8/7/09	8:30:00	945	14.101	10.420	199.349	5229.651	197.889	5231.111
8/7/09	8:35:00	950	14.096	10.417	199.360	5229.640	197.900	5231.100
8/7/09	8:40:00	955	14.090	10.418	199.374	5229.626	197.914	5231.086
8/7/09	8:45:00	960	14.087	10.417	199.380	5229.620	197.920	5231.080
8/7/09	8:50:00	965	14.084	10.420	199.387	5229.613	197.927	5231.073
8/7/09	8:55:00	970	14.077	10.417	199.402	5229.598	197.942	5231.058
8/7/09	9:00:00	975	14.076	10.417	199.405	5229.595	197.945	5231.055
8/7/09	9:05:00	980	14.071	10.414	199.418	5229.582	197.958	5231.042
8/7/09	9:10:00	985	14.067	10.412	199.427	5229.573	197.967	5231.033
8/7/09	9:15:00	990	14.063	10.415	199.437	5229.563	197.977	5231.023
8/7/09	9:20:00	995	14.059	10.415	199.445	5229.555	197.985	5231.015
8/7/09	9:25:00	1000	14.057	10.418	199.450	5229.550	197.990	5231.010
8/7/09	9:30:00	1005	14.053	10.416	199.459	5229.541	197.999	5231.001
8/7/09	9:35:00	1010	14.049	10.413	199.468	5229.532	198.008	5230.992
8/7/09	9:40:00	1015	14.049	10.413	199.467	5229.533	198.007	5230.993
8/7/09	9:45:00	1020	14.045	10.416	199.476	5229.524	198.016	5230.984
8/7/09	9:50:00	1025	14.035	10.415	199.500	5229.500	198.040	5230.960
8/7/09	9:55:00	1030	14.036	10.413	199.497	5229.503	198.037	5230.963
8/7/09	10:00:00	1035	14.032	10.411	199.507	5229.493	198.047	5230.953

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/7/09	10:05:00	1040	14.025	10.410	199.523	5229.477	198.063	5230.937
8/7/09	10:10:00	1045	14.020	10.413	199.534	5229.466	198.074	5230.926
8/7/09	10:15:00	1050	14.015	10.412	199.547	5229.453	198.087	5230.913
8/7/09	10:20:00	1055	14.010	10.416	199.557	5229.443	198.097	5230.903
8/7/09	10:25:00	1060	14.004	10.413	199.572	5229.428	198.112	5230.888
8/7/09	10:30:00	1065	13.998	10.414	199.586	5229.414	198.126	5230.874
8/7/09	10:35:00	1070	13.995	10.412	199.593	5229.407	198.133	5230.867
8/7/09	10:40:00	1075	13.993	10.407	199.598	5229.402	198.138	5230.862
8/7/09	10:45:00	1080	13.988	10.405	199.609	5229.391	198.149	5230.851
8/7/09	10:50:00	1085	13.984	10.402	199.619	5229.381	198.159	5230.841
8/7/09	10:55:00	1090	13.983	10.404	199.619	5229.381	198.159	5230.841
8/7/09	11:00:00	1095	13.978	10.408	199.631	5229.369	198.171	5230.829
8/7/09	11:05:00	1100	13.976	10.409	199.635	5229.365	198.175	5230.825
8/7/09	11:10:00	1105	13.974	10.406	199.640	5229.360	198.180	5230.820
8/7/09	11:15:00	1110	13.972	10.407	199.646	5229.354	198.186	5230.814
8/7/09	11:20:00	1115	13.970	10.404	199.650	5229.350	198.190	5230.810
8/7/09	11:25:00	1120	13.968	10.411	199.654	5229.346	198.194	5230.806
8/7/09	11:30:00	1125	13.965	10.418	199.661	5229.339	198.201	5230.799
8/7/09	11:35:00	1130	13.963	10.411	199.667	5229.333	198.207	5230.793
8/7/09	11:40:00	1135	13.960	10.403	199.674	5229.326	198.214	5230.786
8/7/09	11:45:00	1140	13.957	10.407	199.680	5229.320	198.220	5230.780
8/7/09	11:50:00	1145	13.955	10.407	199.685	5229.315	198.225	5230.775
8/7/09	11:55:00	1150	13.952	10.405	199.691	5229.309	198.231	5230.769
8/7/09	12:00:00	1155	13.949	10.405	199.699	5229.301	198.239	5230.761
8/7/09	12:05:00	1160	13.947	10.407	199.704	5229.296	198.244	5230.756
8/7/09	12:10:00	1165	13.944	10.402	199.710	5229.290	198.250	5230.750
8/7/09	12:15:00	1170	13.942	10.404	199.715	5229.285	198.255	5230.745
8/7/09	12:20:00	1175	13.938	10.401	199.723	5229.277	198.263	5230.737
8/7/09	12:25:00	1180	13.935	10.402	199.730	5229.270	198.270	5230.730
8/7/09	12:30:00	1185	13.924	10.405	199.755	5229.245	198.295	5230.705
8/7/09	12:35:00	1190	13.921	10.411	199.764	5229.236	198.304	5230.696
8/7/09	12:40:00	1195	13.919	10.414	199.767	5229.233	198.307	5230.693
8/7/09	12:45:00	1200	13.916	10.416	199.775	5229.225	198.315	5230.685
8/7/09	12:50:00	1205	13.917	10.416	199.772	5229.228	198.312	5230.688
8/7/09	12:55:00	1210	13.901	10.412	199.808	5229.192	198.348	5230.652
8/7/09	13:00:00	1215	13.897	10.413	199.818	5229.182	198.358	5230.642
8/7/09	13:05:00	1220	13.895	10.417	199.824	5229.176	198.364	5230.636
8/7/09	13:10:00	1225	13.884	10.417	199.849	5229.151	198.389	5230.611
8/7/09	13:15:00	1230	13.879	10.417	199.859	5229.141	198.399	5230.601
8/7/09	13:20:00	1235	13.863	10.417	199.897	5229.103	198.437	5230.563
8/7/09	13:25:00	1240	13.862	10.418	199.900	5229.100	198.440	5230.560
8/7/09	13:30:00	1245	13.859	10.413	199.907	5229.093	198.447	5230.553
8/7/09	13:35:00	1250	13.856	10.408	199.912	5229.088	198.452	5230.548
8/7/09	13:40:00	1255	13.855	10.406	199.916	5229.084	198.456	5230.544
8/7/09	13:45:00	1260	13.852	10.404	199.922	5229.078	198.462	5230.538
8/7/09	13:50:00	1265	13.853	10.405	199.919	5229.081	198.459	5230.541
8/7/09	13:55:00	1270	13.858	10.401	199.909	5229.091	198.449	5230.551
8/7/09	14:00:00	1275	13.860	10.401	199.903	5229.097	198.443	5230.557
8/7/09	14:05:00	1280	13.860	10.403	199.904	5229.096	198.444	5230.556
8/7/09	14:10:00	1285	13.854	10.403	199.918	5229.082	198.458	5230.542
8/7/09	14:15:00	1290	13.857	10.403	199.911	5229.089	198.451	5230.549
8/7/09	14:20:00	1295	13.859	10.403	199.907	5229.093	198.447	5230.553

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/7/09	14:25:00	1300	13.852	10.403	199.922	5229.078	198.462	5230.538
8/7/09	14:30:00	1305	13.845	10.403	199.940	5229.060	198.480	5230.520
8/7/09	14:35:00	1310	13.843	10.408	199.944	5229.056	198.484	5230.516
8/7/09	14:40:00	1315	13.842	10.405	199.945	5229.055	198.485	5230.515
8/7/09	14:45:00	1320	13.841	10.406	199.947	5229.053	198.487	5230.513
8/7/09	14:50:00	1325	13.842	10.405	199.946	5229.054	198.486	5230.514
8/7/09	14:55:00	1330	13.843	10.407	199.943	5229.057	198.483	5230.517
8/7/09	15:00:00	1335	13.840	10.408	199.949	5229.051	198.489	5230.511
8/7/09	15:05:00	1340	13.837	10.403	199.958	5229.042	198.498	5230.502
8/7/09	15:10:00	1345	13.836	10.398	199.959	5229.041	198.499	5230.501
8/7/09	15:15:00	1350	13.835	10.400	199.962	5229.038	198.502	5230.498
8/7/09	15:20:00	1355	13.840	10.400	199.950	5229.050	198.490	5230.510
8/7/09	15:25:00	1360	13.847	10.402	199.935	5229.065	198.475	5230.525
8/7/09	15:30:00	1365	13.835	10.404	199.962	5229.038	198.502	5230.498
8/7/09	15:35:00	1370	13.830	10.412	199.973	5229.027	198.513	5230.487
8/7/09	15:40:00	1375	13.829	10.412	199.976	5229.024	198.516	5230.484
8/7/09	15:45:00	1380	13.823	10.409	199.989	5229.011	198.529	5230.471
8/7/09	15:50:00	1385	13.824	10.413	199.987	5229.013	198.527	5230.473
8/7/09	15:55:00	1390	13.819	10.415	199.999	5229.001	198.539	5230.461
8/7/09	16:00:00	1395	13.819	10.416	199.998	5229.002	198.538	5230.462
8/7/09	16:05:00	1400	13.817	10.412	200.004	5228.996	198.544	5230.456
8/7/09	16:10:00	1405	13.815	10.416	200.008	5228.992	198.548	5230.452
8/7/09	16:15:00	1410	13.806	10.416	200.028	5228.972	198.568	5230.432
8/7/09	16:20:00	1415	13.810	10.415	200.020	5228.980	198.560	5230.440
8/7/09	16:25:00	1420	13.807	10.413	200.026	5228.974	198.566	5230.434
8/7/09	16:30:00	1425	13.808	10.414	200.024	5228.976	198.564	5230.436
8/7/09	16:35:00	1430	13.807	10.411	200.027	5228.973	198.567	5230.433
8/7/09	16:40:00	1435	13.806	10.407	200.030	5228.970	198.570	5230.430
8/7/09	16:45:00	1440	13.801	10.407	200.041	5228.959	198.581	5230.419
8/7/09	16:50:00	1445	13.802	10.406	200.039	5228.961	198.579	5230.421
8/7/09	16:55:00	1450	13.796	10.410	200.053	5228.947	198.593	5230.407
8/7/09	17:00:00	1455	13.791	10.411	200.064	5228.936	198.604	5230.396
8/7/09	17:05:00	1460	13.786	10.412	200.075	5228.925	198.615	5230.385
8/7/09	17:10:00	1465	13.788	10.412	200.070	5228.930	198.610	5230.390
8/7/09	17:15:00	1470	13.783	10.411	200.083	5228.917	198.623	5230.377
8/7/09	17:20:00	1475	13.785	10.415	200.077	5228.923	198.617	5230.383
8/7/09	17:25:00	1480	13.780	10.414	200.088	5228.912	198.628	5230.372
8/7/09	17:30:00	1485	13.782	10.410	200.085	5228.915	198.625	5230.375
8/7/09	17:35:00	1490	13.776	10.409	200.098	5228.902	198.638	5230.362
8/7/09	17:40:00	1495	13.777	10.406	200.096	5228.904	198.636	5230.364
8/7/09	17:45:00	1500	13.774	10.411	200.102	5228.898	198.642	5230.358
8/7/09	17:50:00	1505	13.779	10.412	200.092	5228.908	198.632	5230.368
8/7/09	17:55:00	1510	13.784	10.410	200.079	5228.921	198.619	5230.381
8/7/09	18:00:00	1515	13.782	10.412	200.084	5228.916	198.624	5230.376
8/7/09	18:05:00	1520	13.783	10.413	200.081	5228.919	198.621	5230.379
8/7/09	18:10:00	1525	13.784	10.413	200.079	5228.921	198.619	5230.381
8/7/09	18:15:00	1530	13.783	10.414	200.082	5228.918	198.622	5230.378
8/7/09	18:20:00	1535	13.782	10.412	200.085	5228.915	198.625	5230.375
8/7/09	18:25:00	1540	13.778	10.412	200.093	5228.907	198.633	5230.367
8/7/09	18:30:00	1545	13.776	10.411	200.098	5228.902	198.638	5230.362
8/7/09	18:35:00	1550	13.773	10.410	200.104	5228.896	198.644	5230.356
8/7/09	18:40:00	1555	13.770	10.416	200.111	5228.889	198.651	5230.349

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/7/09	18:45:00	1560	13.776	10.419	200.098	5228.902	198.638	5230.362
8/7/09	18:50:00	1565	13.782	10.416	200.084	5228.916	198.624	5230.376
8/7/09	18:55:00	1570	13.789	10.419	200.069	5228.931	198.609	5230.391
8/7/09	19:00:00	1575	13.787	10.417	200.072	5228.928	198.612	5230.388
8/7/09	19:05:00	1580	13.797	10.418	200.050	5228.950	198.590	5230.410
8/7/09	19:10:00	1585	13.793	10.415	200.059	5228.941	198.599	5230.401
8/7/09	19:15:00	1590	13.795	10.417	200.054	5228.946	198.594	5230.406
8/7/09	19:20:00	1595	13.793	10.418	200.058	5228.942	198.598	5230.402
8/7/09	19:25:00	1600	13.788	10.418	200.069	5228.931	198.609	5230.391
8/7/09	19:30:00	1605	13.793	10.421	200.060	5228.940	198.600	5230.400
8/7/09	19:35:00	1610	13.788	10.416	200.071	5228.929	198.611	5230.389
8/7/09	19:40:00	1615	13.784	10.416	200.080	5228.920	198.620	5230.380
8/7/09	19:45:00	1620	13.786	10.414	200.074	5228.926	198.614	5230.386
8/7/09	19:50:00	1625	13.783	10.413	200.081	5228.919	198.621	5230.379
8/7/09	19:55:00	1630	13.785	10.414	200.077	5228.923	198.617	5230.383
8/7/09	20:00:00	1635	13.786	10.418	200.076	5228.924	198.616	5230.384
8/7/09	20:05:00	1640	13.786	10.418	200.074	5228.926	198.614	5230.386
8/7/09	20:10:00	1645	13.788	10.416	200.071	5228.929	198.611	5230.389
8/7/09	20:15:00	1650	13.784	10.416	200.080	5228.920	198.620	5230.380
8/7/09	20:20:00	1655	13.780	10.415	200.089	5228.911	198.629	5230.371
8/7/09	20:25:00	1660	13.780	10.413	200.090	5228.910	198.630	5230.370
8/7/09	20:30:00	1665	13.780	10.420	200.090	5228.910	198.630	5230.370
8/7/09	20:35:00	1670	13.777	10.420	200.095	5228.905	198.635	5230.365
8/7/09	20:40:00	1675	13.773	10.423	200.105	5228.895	198.645	5230.355
8/7/09	20:45:00	1680	13.773	10.417	200.105	5228.895	198.645	5230.355
8/7/09	20:50:00	1685	13.770	10.411	200.111	5228.889	198.651	5230.349
8/7/09	20:55:00	1690	13.768	10.404	200.116	5228.884	198.656	5230.344
8/7/09	21:00:00	1695	13.763	10.412	200.127	5228.873	198.667	5230.333
8/7/09	21:05:00	1700	13.761	10.408	200.133	5228.867	198.673	5230.327
8/7/09	21:10:00	1705	13.762	10.413	200.131	5228.869	198.671	5230.329
8/7/09	21:15:00	1710	13.753	10.410	200.152	5228.848	198.692	5230.308
8/7/09	21:20:00	1715	13.757	10.412	200.143	5228.857	198.683	5230.317
8/7/09	21:25:00	1720	13.755	10.405	200.148	5228.852	198.688	5230.312
8/7/09	21:30:00	1725	13.753	10.406	200.150	5228.850	198.690	5230.310
8/7/09	21:35:00	1730	13.751	10.403	200.155	5228.845	198.695	5230.305
8/7/09	21:40:00	1735	13.749	10.402	200.160	5228.840	198.700	5230.300
8/7/09	21:45:00	1740	13.747	10.402	200.165	5228.835	198.705	5230.295
8/7/09	21:50:00	1745	13.746	10.405	200.168	5228.832	198.708	5230.292
8/7/09	21:55:00	1750	13.743	10.410	200.175	5228.825	198.715	5230.285
8/7/09	22:00:00	1755	13.740	10.409	200.182	5228.818	198.722	5230.278
8/7/09	22:05:00	1760	13.738	10.410	200.186	5228.814	198.726	5230.274
8/7/09	22:10:00	1765	13.735	10.408	200.192	5228.808	198.732	5230.268
8/7/09	22:15:00	1770	13.732	10.410	200.199	5228.801	198.739	5230.261
8/7/09	22:20:00	1775	13.734	10.405	200.195	5228.805	198.735	5230.265
8/7/09	22:25:00	1780	13.732	10.406	200.199	5228.801	198.739	5230.261
8/7/09	22:30:00	1785	13.730	10.408	200.205	5228.795	198.745	5230.255
8/7/09	22:35:00	1790	13.727	10.410	200.212	5228.788	198.752	5230.248
8/7/09	22:40:00	1795	13.722	10.406	200.223	5228.777	198.763	5230.237
8/7/09	22:45:00	1800	13.726	10.406	200.214	5228.786	198.754	5230.246
8/7/09	22:50:00	1805	13.726	10.408	200.215	5228.785	198.755	5230.245
8/7/09	22:55:00	1810	13.724	10.405	200.219	5228.781	198.759	5230.241
8/7/09	23:00:00	1815	13.718	10.410	200.232	5228.768	198.772	5230.228

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected	Corrected
						5429.000 GW Elevation	DTW	GW Elev
8/7/09	23:05:00	1820	13.721	10.409	200.224	5228.776	198.764	5230.236
8/7/09	23:10:00	1825	13.719	10.408	200.230	5228.770	198.770	5230.230
8/7/09	23:15:00	1830	13.718	10.411	200.232	5228.768	198.772	5230.228
8/7/09	23:20:00	1835	13.714	10.409	200.241	5228.759	198.781	5230.219
8/7/09	23:25:00	1840	13.712	10.410	200.247	5228.753	198.787	5230.213
8/7/09	23:30:00	1845	13.712	10.410	200.247	5228.753	198.787	5230.213
8/7/09	23:35:00	1850	13.702	10.405	200.268	5228.732	198.808	5230.192
8/7/09	23:40:00	1855	13.701	10.403	200.271	5228.729	198.811	5230.189
8/7/09	23:45:00	1860	13.696	10.410	200.282	5228.718	198.822	5230.178
8/7/09	23:50:00	1865	13.694	10.409	200.288	5228.712	198.828	5230.172
8/7/09	23:55:00	1870	13.690	10.406	200.296	5228.704	198.836	5230.164
8/8/09	0:00:00	1875	13.684	10.408	200.311	5228.689	198.851	5230.149
8/8/09	0:05:00	1880	13.682	10.411	200.315	5228.685	198.855	5230.145
8/8/09	0:10:00	1885	13.681	10.411	200.316	5228.684	198.856	5230.144
8/8/09	0:15:00	1890	13.674	10.413	200.333	5228.667	198.873	5230.127
8/8/09	0:20:00	1895	13.682	10.413	200.316	5228.684	198.856	5230.144
8/8/09	0:25:00	1900	13.677	10.413	200.327	5228.673	198.867	5230.133
8/8/09	0:30:00	1905	13.670	10.412	200.344	5228.656	198.884	5230.116
8/8/09	0:35:00	1910	13.669	10.412	200.345	5228.655	198.885	5230.115
8/8/09	0:40:00	1915	13.666	10.404	200.353	5228.647	198.893	5230.107
8/8/09	0:45:00	1920	13.663	10.405	200.359	5228.641	198.899	5230.101
8/8/09	0:50:00	1925	13.661	10.410	200.364	5228.636	198.904	5230.096
8/8/09	0:55:00	1930	13.663	10.411	200.360	5228.640	198.900	5230.100
8/8/09	1:00:00	1935	13.662	10.415	200.362	5228.638	198.902	5230.098
8/8/09	1:05:00	1940	13.659	10.416	200.368	5228.632	198.908	5230.092
8/8/09	1:10:00	1945	13.655	10.414	200.377	5228.623	198.917	5230.083
8/8/09	1:15:00	1950	13.652	10.413	200.384	5228.616	198.924	5230.076
8/8/09	1:20:00	1955	13.649	10.414	200.391	5228.609	198.931	5230.069
8/8/09	1:25:00	1960	13.645	10.411	200.400	5228.600	198.940	5230.060
8/8/09	1:30:00	1965	13.641	10.413	200.409	5228.591	198.949	5230.051
8/8/09	1:35:00	1970	13.638	10.413	200.417	5228.583	198.957	5230.043
8/8/09	1:40:00	1975	13.639	10.413	200.415	5228.585	198.955	5230.045
8/8/09	1:45:00	1980	13.635	10.418	200.424	5228.576	198.964	5230.036
8/8/09	1:50:00	1985	13.640	10.416	200.411	5228.589	198.951	5230.049
8/8/09	1:55:00	1990	13.639	10.413	200.414	5228.586	198.954	5230.046
8/8/09	2:00:00	1995	13.631	10.414	200.433	5228.567	198.973	5230.027
8/8/09	2:05:00	2000	13.629	10.413	200.437	5228.563	198.977	5230.023
8/8/09	2:10:00	2005	13.619	10.414	200.461	5228.539	199.001	5229.999
8/8/09	2:15:00	2010	13.622	10.410	200.453	5228.547	198.993	5230.007
8/8/09	2:20:00	2015	13.617	10.411	200.466	5228.534	199.006	5229.994
8/8/09	2:25:00	2020	13.608	10.410	200.486	5228.514	199.026	5229.974
8/8/09	2:30:00	2025	13.610	10.412	200.482	5228.518	199.022	5229.978
8/8/09	2:35:00	2030	13.606	10.414	200.490	5228.510	199.030	5229.970
8/8/09	2:40:00	2035	13.600	10.413	200.505	5228.495	199.045	5229.955
8/8/09	2:45:00	2040	13.598	10.415	200.508	5228.492	199.048	5229.952
8/8/09	2:50:00	2045	13.595	10.415	200.517	5228.483	199.057	5229.943
8/8/09	2:55:00	2050	13.594	10.416	200.518	5228.482	199.058	5229.942
8/8/09	3:00:00	2055	13.586	10.419	200.536	5228.464	199.076	5229.924
8/8/09	3:05:00	2060	13.585	10.412	200.540	5228.460	199.080	5229.920
8/8/09	3:10:00	2065	13.580	10.416	200.551	5228.449	199.091	5229.909
8/8/09	3:15:00	2070	13.578	10.416	200.554	5228.446	199.094	5229.906
8/8/09	3:20:00	2075	13.569	10.417	200.575	5228.425	199.115	5229.885

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/8/09	3:25:00	2080	13.572	10.415	200.569	5228.431	199.109	5229.891
8/8/09	3:30:00	2085	13.574	10.413	200.564	5228.436	199.104	5229.896
8/8/09	3:35:00	2090	13.578	10.415	200.555	5228.445	199.095	5229.905
8/8/09	3:40:00	2095	13.570	10.415	200.575	5228.425	199.115	5229.885
8/8/09	3:45:00	2100	13.560	10.413	200.598	5228.402	199.138	5229.862
8/8/09	3:50:00	2105	13.542	10.414	200.638	5228.362	199.178	5229.822
8/8/09	3:55:00	2110	13.549	10.410	200.623	5228.377	199.163	5229.837
8/8/09	4:00:00	2115	13.549	10.408	200.622	5228.378	199.162	5229.838
8/8/09	4:05:00	2120	13.548	10.414	200.623	5228.377	199.163	5229.837
8/8/09	4:10:00	2125	13.548	10.416	200.624	5228.376	199.164	5229.836
8/8/09	4:15:00	2130	13.552	10.414	200.615	5228.385	199.155	5229.845
8/8/09	4:20:00	2135	13.549	10.415	200.622	5228.378	199.162	5229.838
8/8/09	4:25:00	2140	13.547	10.421	200.627	5228.373	199.167	5229.833
8/8/09	4:30:00	2145	13.546	10.418	200.629	5228.371	199.169	5229.831
8/8/09	4:35:00	2150	13.545	10.415	200.632	5228.368	199.172	5229.828
8/8/09	4:40:00	2155	13.542	10.413	200.638	5228.362	199.178	5229.822
8/8/09	4:45:00	2160	13.541	10.417	200.640	5228.360	199.180	5229.820
8/8/09	4:50:00	2165	13.538	10.415	200.648	5228.352	199.188	5229.812
8/8/09	4:55:00	2170	13.536	10.414	200.652	5228.348	199.192	5229.808
8/8/09	5:00:00	2175	13.533	10.414	200.659	5228.341	199.199	5229.801
8/8/09	5:05:00	2180	13.529	10.416	200.667	5228.333	199.207	5229.793
8/8/09	5:10:00	2185	13.526	10.414	200.675	5228.325	199.215	5229.785
8/8/09	5:15:00	2190	13.517	10.413	200.696	5228.304	199.236	5229.764
8/8/09	5:20:00	2195	13.517	10.408	200.696	5228.304	199.236	5229.764
8/8/09	5:25:00	2200	13.515	10.408	200.700	5228.300	199.240	5229.760
8/8/09	5:30:00	2205	13.520	10.409	200.690	5228.310	199.230	5229.770
8/8/09	5:35:00	2210	13.517	10.411	200.697	5228.303	199.237	5229.763
8/8/09	5:40:00	2215	13.515	10.413	200.701	5228.299	199.241	5229.759
8/8/09	5:45:00	2220	13.512	10.415	200.709	5228.291	199.249	5229.751
8/8/09	5:50:00	2225	13.508	10.412	200.716	5228.284	199.256	5229.744
8/8/09	5:55:00	2230	13.506	10.413	200.722	5228.278	199.262	5229.738
8/8/09	6:00:00	2235	13.506	10.411	200.721	5228.279	199.261	5229.739
8/8/09	6:05:00	2240	13.498	10.410	200.740	5228.260	199.280	5229.720
8/8/09	6:10:00	2245	13.504	10.412	200.726	5228.274	199.266	5229.734
8/8/09	6:15:00	2250	13.500	10.415	200.735	5228.265	199.275	5229.725
8/8/09	6:20:00	2255	13.506	10.417	200.721	5228.279	199.261	5229.739
8/8/09	6:25:00	2260	13.483	10.420	200.775	5228.225	199.315	5229.685
8/8/09	6:30:00	2265	13.455	10.419	200.838	5228.162	199.378	5229.622
8/8/09	6:35:00	2270	13.465	10.417	200.816	5228.184	199.356	5229.644
8/8/09	6:40:00	2275	13.461	10.413	200.825	5228.175	199.365	5229.635
8/8/09	6:45:00	2280	13.453	10.414	200.843	5228.157	199.383	5229.617
8/8/09	6:50:00	2285	13.446	10.412	200.860	5228.140	199.400	5229.600
8/8/09	6:55:00	2290	13.447	10.410	200.858	5228.142	199.398	5229.602
8/8/09	7:00:00	2295	13.440	10.409	200.873	5228.127	199.413	5229.587
8/8/09	7:05:00	2300	13.436	10.412	200.883	5228.117	199.423	5229.577
8/8/09	7:10:00	2305	13.436	10.410	200.883	5228.117	199.423	5229.577
8/8/09	7:15:00	2310	13.432	10.412	200.892	5228.108	199.432	5229.568
8/8/09	7:20:00	2315	13.435	10.406	200.885	5228.115	199.425	5229.575
8/8/09	7:25:00	2320	13.432	10.413	200.892	5228.108	199.432	5229.568
8/8/09	7:30:00	2325	13.429	10.414	200.900	5228.100	199.440	5229.560
8/8/09	7:35:00	2330	13.431	10.417	200.895	5228.105	199.435	5229.565
8/8/09	7:40:00	2335	13.431	10.414	200.895	5228.105	199.435	5229.565

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/8/09	7:45:00	2340	13.427	10.416	200.903	5228.097	199.443	5229.557
8/8/09	7:50:00	2345	13.424	10.418	200.910	5228.090	199.450	5229.550
8/8/09	7:55:00	2350	13.419	10.414	200.922	5228.078	199.462	5229.538
8/8/09	8:00:00	2355	13.418	10.411	200.926	5228.074	199.466	5229.534
8/8/09	8:05:00	2360	13.419	10.412	200.923	5228.077	199.463	5229.537
8/8/09	8:10:00	2365	13.414	10.412	200.933	5228.067	199.473	5229.527
8/8/09	8:15:00	2370	13.414	10.411	200.934	5228.066	199.474	5229.526
8/8/09	8:20:00	2375	13.408	10.409	200.947	5228.053	199.487	5229.513
8/8/09	8:25:00	2380	13.406	10.411	200.952	5228.048	199.492	5229.508
8/8/09	8:30:00	2385	13.404	10.409	200.958	5228.042	199.498	5229.502
8/8/09	8:35:00	2390	13.401	10.409	200.965	5228.035	199.505	5229.495
8/8/09	8:40:00	2395	13.392	10.405	200.985	5228.015	199.525	5229.475
8/8/09	8:45:00	2400	13.389	10.407	200.991	5228.009	199.531	5229.469
8/8/09	8:50:00	2405	13.384	10.410	201.003	5227.997	199.543	5229.457
8/8/09	8:55:00	2410	13.381	10.410	201.011	5227.989	199.551	5229.449
8/8/09	9:00:00	2415	13.378	10.413	201.016	5227.984	199.556	5229.444
8/8/09	9:05:00	2420	13.378	10.416	201.016	5227.984	199.556	5229.444
8/8/09	9:10:00	2425	13.375	10.411	201.023	5227.977	199.563	5229.437
8/8/09	9:15:00	2430	13.365	10.419	201.046	5227.954	199.586	5229.414
8/8/09	9:20:00	2435	13.365	10.414	201.047	5227.953	199.587	5229.413
8/8/09	9:25:00	2440	13.358	10.416	201.064	5227.936	199.604	5229.396
8/8/09	9:30:00	2445	13.358	10.412	201.064	5227.936	199.604	5229.396
8/8/09	9:35:00	2450	13.351	10.415	201.080	5227.920	199.620	5229.380
8/8/09	9:40:00	2455	13.344	10.413	201.097	5227.903	199.637	5229.363
8/8/09	9:45:00	2460	13.343	10.411	201.098	5227.902	199.638	5229.362
8/8/09	9:50:00	2465	13.340	10.413	201.105	5227.895	199.645	5229.355
8/8/09	9:55:00	2470	13.335	10.415	201.117	5227.883	199.657	5229.343
8/8/09	10:00:00	2475	13.329	10.417	201.131	5227.869	199.671	5229.329
8/8/09	10:05:00	2480	13.320	10.417	201.151	5227.849	199.691	5229.309
8/8/09	10:10:00	2485	13.315	10.416	201.164	5227.836	199.704	5229.296
8/8/09	10:15:00	2490	13.308	10.414	201.178	5227.822	199.718	5229.282
8/8/09	10:20:00	2495	13.303	10.412	201.189	5227.811	199.729	5229.271
8/8/09	10:25:00	2500	13.305	10.412	201.186	5227.814	199.726	5229.274
8/8/09	10:30:00	2505	13.302	10.415	201.192	5227.808	199.732	5229.268
8/8/09	10:35:00	2510	13.302	10.410	201.193	5227.807	199.733	5229.267
8/8/09	10:40:00	2515	13.299	10.409	201.199	5227.801	199.739	5229.261
8/8/09	10:45:00	2520	13.289	10.409	201.223	5227.777	199.763	5229.237
8/8/09	10:50:00	2525	13.291	10.409	201.218	5227.782	199.758	5229.242
8/8/09	10:55:00	2530	13.292	10.405	201.215	5227.785	199.755	5229.245
8/8/09	11:00:00	2535	13.290	10.408	201.220	5227.780	199.760	5229.240
8/8/09	11:05:00	2540	13.281	10.405	201.242	5227.758	199.782	5229.218
8/8/09	11:10:00	2545	13.279	10.405	201.246	5227.754	199.786	5229.214
8/8/09	11:15:00	2550	13.281	10.405	201.240	5227.760	199.780	5229.220
8/8/09	11:20:00	2555	13.280	10.405	201.243	5227.757	199.783	5229.217
8/8/09	11:25:00	2560	13.274	10.403	201.258	5227.742	199.798	5229.202
8/8/09	11:30:00	2565	13.265	10.405	201.278	5227.722	199.818	5229.182
8/8/09	11:35:00	2570	13.263	10.412	201.284	5227.716	199.824	5229.176
8/8/09	11:40:00	2575	13.261	10.407	201.287	5227.713	199.827	5229.173
8/8/09	11:45:00	2580	13.260	10.408	201.289	5227.711	199.829	5229.171
8/8/09	11:50:00	2585	13.253	10.412	201.307	5227.693	199.847	5229.153
8/8/09	11:55:00	2590	13.246	10.408	201.321	5227.679	199.861	5229.139
8/8/09	12:00:00	2595	13.242	10.407	201.332	5227.668	199.872	5229.128

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/8/09	12:05:00	2600	13.238	10.412	201.339	5227.661	199.879	5229.121
8/8/09	12:10:00	2605	13.237	10.414	201.343	5227.657	199.883	5229.117
8/8/09	12:15:00	2610	13.231	10.410	201.356	5227.644	199.896	5229.104
8/8/09	12:20:00	2615	13.227	10.414	201.365	5227.635	199.905	5229.095
8/8/09	12:25:00	2620	13.218	10.413	201.386	5227.614	199.926	5229.074
8/8/09	12:30:00	2625	13.210	10.413	201.404	5227.596	199.944	5229.056
8/8/09	12:35:00	2630	13.207	10.416	201.413	5227.587	199.953	5229.047
8/8/09	12:40:00	2635	13.206	10.416	201.414	5227.586	199.954	5229.046
8/8/09	12:45:00	2640	13.201	10.419	201.426	5227.574	199.966	5229.034
8/8/09	12:50:00	2645	13.196	10.428	201.437	5227.563	199.977	5229.023
8/8/09	12:55:00	2650	13.193	10.421	201.445	5227.555	199.985	5229.015
8/8/09	13:00:00	2655	13.190	10.421	201.452	5227.548	199.992	5229.008
8/8/09	13:05:00	2660	13.187	10.418	201.459	5227.541	199.999	5229.001
8/8/09	13:10:00	2665	13.183	10.418	201.467	5227.533	200.007	5228.993
8/8/09	13:15:00	2670	13.182	10.417	201.470	5227.530	200.010	5228.990
8/8/09	13:20:00	2675	13.182	10.416	201.470	5227.530	200.010	5228.990
8/8/09	13:25:00	2680	13.176	10.415	201.484	5227.516	200.024	5228.976
8/8/09	13:30:00	2685	13.171	10.419	201.496	5227.504	200.036	5228.964
8/8/09	13:35:00	2690	13.169	10.417	201.500	5227.500	200.040	5228.960
8/8/09	13:40:00	2695	13.167	10.420	201.504	5227.496	200.044	5228.956
8/8/09	13:45:00	2700	13.165	10.420	201.509	5227.491	200.049	5228.951
8/8/09	13:50:00	2705	13.162	10.414	201.516	5227.484	200.056	5228.944
8/8/09	13:55:00	2710	13.161	10.413	201.519	5227.481	200.059	5228.941
8/8/09	14:00:00	2715	13.154	10.414	201.534	5227.466	200.074	5228.926
8/8/09	14:05:00	2720	13.152	10.420	201.539	5227.461	200.079	5228.921
8/8/09	14:10:00	2725	13.142	10.422	201.563	5227.437	200.103	5228.897
8/8/09	14:15:00	2730	13.139	10.421	201.569	5227.431	200.109	5228.891
8/8/09	14:20:00	2735	13.138	10.423	201.571	5227.429	200.111	5228.889
8/8/09	14:25:00	2740	13.134	10.421	201.579	5227.421	200.119	5228.881
8/8/09	14:30:00	2745	13.138	10.420	201.570	5227.430	200.110	5228.890
8/8/09	14:35:00	2750	13.131	10.419	201.587	5227.413	200.127	5228.873
8/8/09	14:40:00	2755	13.125	10.424	201.602	5227.398	200.142	5228.858
8/8/09	14:45:00	2760	13.124	10.426	201.604	5227.396	200.144	5228.856
8/8/09	14:50:00	2765	13.130	10.425	201.589	5227.411	200.129	5228.871
8/8/09	14:55:00	2770	13.137	10.426	201.574	5227.426	200.114	5228.886
8/8/09	15:00:00	2775	13.139	10.420	201.568	5227.432	200.108	5228.892
8/8/09	15:05:00	2780	13.148	10.421	201.548	5227.452	200.088	5228.912
8/8/09	15:10:00	2785	13.150	10.421	201.543	5227.457	200.083	5228.917
8/8/09	15:15:00	2790	13.153	10.425	201.536	5227.464	200.076	5228.924
8/8/09	15:20:00	2795	13.165	10.427	201.509	5227.491	200.049	5228.951
8/8/09	15:25:00	2800	13.184	10.423	201.465	5227.535	200.005	5228.995
8/8/09	15:30:00	2805	13.190	10.420	201.452	5227.548	199.992	5229.008
8/8/09	15:35:00	2810	13.200	10.421	201.429	5227.571	199.969	5229.031
8/8/09	15:40:00	2815	13.204	10.424	201.419	5227.581	199.959	5229.041
8/8/09	15:45:00	2820	13.194	10.415	201.442	5227.558	199.982	5229.018
8/8/09	15:50:00	2825	13.194	10.412	201.441	5227.559	199.981	5229.019
8/8/09	15:55:00	2830	13.192	10.411	201.446	5227.554	199.986	5229.014
8/8/09	16:00:00	2835	13.190	10.416	201.451	5227.549	199.991	5229.009
8/8/09	16:05:00	2840	13.181	10.415	201.473	5227.527	200.013	5228.987
8/8/09	16:10:00	2845	13.182	10.416	201.470	5227.530	200.010	5228.990
8/8/09	16:15:00	2850	13.181	10.417	201.472	5227.528	200.012	5228.988
8/8/09	16:20:00	2855	13.178	10.417	201.479	5227.521	200.019	5228.981

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/8/09	16:25:00	2860	13.167	10.419	201.505	5227.495	200.045	5228.955
8/8/09	16:30:00	2865	13.161	10.419	201.517	5227.483	200.057	5228.943
8/8/09	16:35:00	2870	13.145	10.421	201.554	5227.446	200.094	5228.906
8/8/09	16:40:00	2875	13.135	10.417	201.579	5227.421	200.119	5228.881
8/8/09	16:45:00	2880	13.128	10.418	201.594	5227.406	200.134	5228.866
8/8/09	16:50:00	2885	13.124	10.415	201.603	5227.397	200.143	5228.857
8/8/09	16:55:00	2890	13.120	10.418	201.613	5227.387	200.153	5228.847
8/8/09	17:00:00	2895	13.116	10.418	201.622	5227.378	200.162	5228.838
8/8/09	17:05:00	2900	13.113	10.420	201.630	5227.370	200.170	5228.830
8/8/09	17:10:00	2905	13.107	10.420	201.644	5227.356	200.184	5228.816
8/8/09	17:15:00	2910	13.103	10.416	201.653	5227.347	200.193	5228.807
8/8/09	17:20:00	2915	13.100	10.416	201.658	5227.342	200.198	5228.802
8/8/09	17:25:00	2920	13.103	10.415	201.651	5227.349	200.191	5228.809
8/8/09	17:30:00	2925	13.108	10.414	201.640	5227.360	200.180	5228.820
8/8/09	17:35:00	2930	13.107	10.414	201.642	5227.358	200.182	5228.818
8/8/09	17:40:00	2935	13.111	10.412	201.633	5227.367	200.173	5228.827
8/8/09	17:45:00	2940	13.117	10.414	201.620	5227.380	200.160	5228.840
8/8/09	17:50:00	2945	13.122	10.409	201.609	5227.391	200.149	5228.851
8/8/09	17:55:00	2950	13.122	10.415	201.608	5227.392	200.148	5228.852
8/8/09	18:00:00	2955	13.114	10.416	201.628	5227.372	200.168	5228.832
8/8/09	18:05:00	2960	13.111	10.416	201.633	5227.367	200.173	5228.827
8/8/09	18:10:00	2965	13.107	10.416	201.643	5227.357	200.183	5228.817
8/8/09	18:15:00	2970	13.108	10.415	201.640	5227.360	200.180	5228.820
8/8/09	18:20:00	2975	13.101	10.415	201.656	5227.344	200.196	5228.804
8/8/09	18:25:00	2980	13.099	10.418	201.662	5227.338	200.202	5228.798
8/8/09	18:30:00	2985	13.095	10.413	201.670	5227.330	200.210	5228.790
8/8/09	18:35:00	2990	13.091	10.413	201.679	5227.321	200.219	5228.781
8/8/09	18:40:00	2995	13.091	10.408	201.680	5227.320	200.220	5228.780
8/8/09	18:45:00	3000	13.083	10.410	201.697	5227.303	200.237	5228.763
8/8/09	18:50:00	3005	13.086	10.411	201.692	5227.308	200.232	5228.768
8/8/09	18:55:00	3010	13.084	10.412	201.695	5227.305	200.235	5228.765
8/8/09	19:00:00	3015	13.081	10.414	201.702	5227.298	200.242	5228.758
8/8/09	19:05:00	3020	13.079	10.415	201.707	5227.293	200.247	5228.753
8/8/09	19:10:00	3025	13.077	10.412	201.713	5227.287	200.253	5228.747
8/8/09	19:15:00	3030	13.070	10.410	201.727	5227.273	200.267	5228.733
8/8/09	19:20:00	3035	13.071	10.410	201.726	5227.274	200.266	5228.734
8/8/09	19:25:00	3040	13.068	10.413	201.732	5227.268	200.272	5228.728
8/8/09	19:30:00	3045	13.065	10.413	201.739	5227.261	200.279	5228.721
8/8/09	19:35:00	3050	13.064	10.411	201.742	5227.258	200.282	5228.718
8/8/09	19:40:00	3055	13.062	10.406	201.746	5227.254	200.286	5228.714
8/8/09	19:45:00	3060	13.058	10.408	201.757	5227.243	200.297	5228.703
8/8/09	19:50:00	3065	13.056	10.403	201.760	5227.240	200.300	5228.700
8/8/09	19:55:00	3070	13.056	10.409	201.760	5227.240	200.300	5228.700
8/8/09	20:00:00	3075	13.057	10.408	201.759	5227.241	200.299	5228.701
8/8/09	20:05:00	3080	13.055	10.408	201.762	5227.238	200.302	5228.698
8/8/09	20:10:00	3085	13.054	10.408	201.764	5227.236	200.304	5228.696
8/8/09	20:15:00	3090	13.052	10.408	201.769	5227.231	200.309	5228.691
8/8/09	20:20:00	3095	13.053	10.408	201.768	5227.232	200.308	5228.692
8/8/09	20:25:00	3100	13.051	10.409	201.772	5227.228	200.312	5228.688
8/8/09	20:30:00	3105	13.049	10.412	201.777	5227.223	200.317	5228.683
8/8/09	20:35:00	3110	13.046	10.415	201.784	5227.216	200.324	5228.676
8/8/09	20:40:00	3115	13.044	10.413	201.788	5227.212	200.328	5228.672

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/8/09	20:45:00	3120	13.038	10.410	201.803	5227.197	200.343	5228.657
8/8/09	20:50:00	3125	13.042	10.409	201.794	5227.206	200.334	5228.666
8/8/09	20:55:00	3130	13.043	10.413	201.790	5227.210	200.330	5228.670
8/8/09	21:00:00	3135	13.042	10.408	201.792	5227.208	200.332	5228.668
8/8/09	21:05:00	3140	13.041	10.411	201.794	5227.206	200.334	5228.666
8/8/09	21:10:00	3145	13.036	10.409	201.806	5227.194	200.346	5228.654
8/8/09	21:15:00	3150	13.037	10.411	201.804	5227.196	200.344	5228.656
8/8/09	21:20:00	3155	13.033	10.412	201.813	5227.187	200.353	5228.647
8/8/09	21:25:00	3160	13.030	10.416	201.821	5227.179	200.361	5228.639
8/8/09	21:30:00	3165	13.027	10.415	201.828	5227.172	200.368	5228.632
8/8/09	21:35:00	3170	13.021	10.417	201.842	5227.158	200.382	5228.618
8/8/09	21:40:00	3175	13.023	10.414	201.837	5227.163	200.377	5228.623
8/8/09	21:45:00	3180	13.017	10.413	201.851	5227.149	200.391	5228.609
8/8/09	21:50:00	3185	13.013	10.408	201.859	5227.141	200.399	5228.601
8/8/09	21:55:00	3190	13.010	10.410	201.867	5227.133	200.407	5228.593
8/8/09	22:00:00	3195	13.012	10.410	201.863	5227.137	200.403	5228.597
8/8/09	22:05:00	3200	13.012	10.414	201.862	5227.138	200.402	5228.598
8/8/09	22:10:00	3205	13.008	10.413	201.872	5227.128	200.412	5228.588
8/8/09	22:15:00	3210	13.007	10.414	201.873	5227.127	200.413	5228.587
8/8/09	22:20:00	3215	13.006	10.420	201.876	5227.124	200.416	5228.584
8/8/09	22:25:00	3220	12.998	10.416	201.894	5227.106	200.434	5228.566
8/8/09	22:30:00	3225	13.002	10.418	201.884	5227.116	200.424	5228.576
8/8/09	22:35:00	3230	12.999	10.412	201.891	5227.109	200.431	5228.569
8/8/09	22:40:00	3235	12.998	10.413	201.894	5227.106	200.434	5228.566
8/8/09	22:45:00	3240	12.999	10.414	201.892	5227.108	200.432	5228.568
8/8/09	22:50:00	3245	12.999	10.413	201.892	5227.108	200.432	5228.568
8/8/09	22:55:00	3250	12.998	10.415	201.895	5227.105	200.435	5228.565
8/8/09	23:00:00	3255	12.996	10.416	201.900	5227.100	200.440	5228.560
8/8/09	23:05:00	3260	12.993	10.417	201.907	5227.093	200.447	5228.553
8/8/09	23:10:00	3265	12.991	10.413	201.910	5227.090	200.450	5228.550
8/8/09	23:15:00	3270	12.987	10.411	201.921	5227.079	200.461	5228.539
8/8/09	23:20:00	3275	12.980	10.414	201.937	5227.063	200.477	5228.523
8/8/09	23:25:00	3280	12.977	10.416	201.943	5227.057	200.483	5228.517
8/8/09	23:30:00	3285	12.978	10.413	201.940	5227.060	200.480	5228.520
8/8/09	23:35:00	3290	12.977	10.414	201.943	5227.057	200.483	5228.517
8/8/09	23:40:00	3295	12.975	10.412	201.947	5227.053	200.487	5228.513
8/8/09	23:45:00	3300	12.973	10.412	201.951	5227.049	200.491	5228.509
8/8/09	23:50:00	3305	12.970	10.412	201.960	5227.040	200.500	5228.500
8/8/09	23:55:00	3310	12.964	10.414	201.973	5227.027	200.513	5228.487
8/9/09	0:00:00	3315	12.957	10.417	201.989	5227.011	200.529	5228.471
8/9/09	0:05:00	3320	12.950	10.418	202.005	5226.995	200.545	5228.455
8/9/09	0:10:00	3325	12.946	10.415	202.014	5226.986	200.554	5228.446
8/9/09	0:15:00	3330	12.942	10.416	202.023	5226.977	200.563	5228.437
8/9/09	0:20:00	3335	12.941	10.418	202.026	5226.974	200.566	5228.434
8/9/09	0:25:00	3340	12.941	10.416	202.025	5226.975	200.565	5228.435
8/9/09	0:30:00	3345	12.937	10.415	202.035	5226.965	200.575	5228.425
8/9/09	0:35:00	3350	12.934	10.420	202.041	5226.959	200.581	5228.419
8/9/09	0:40:00	3355	12.931	10.419	202.050	5226.950	200.590	5228.410
8/9/09	0:45:00	3360	12.928	10.415	202.057	5226.943	200.597	5228.403
8/9/09	0:50:00	3365	12.924	10.414	202.066	5226.934	200.606	5228.394
8/9/09	0:55:00	3370	12.921	10.413	202.072	5226.928	200.612	5228.388
8/9/09	1:00:00	3375	12.918	10.411	202.080	5226.920	200.620	5228.380

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/9/09	1:05:00	3380	12.915	10.413	202.085	5226.915		200.625	5228.375
8/9/09	1:10:00	3385	12.910	10.410	202.098	5226.902		200.638	5228.362
8/9/09	1:15:00	3390	12.909	10.413	202.101	5226.899		200.641	5228.359
8/9/09	1:20:00	3395	12.902	10.414	202.116	5226.884		200.656	5228.344
8/9/09	1:25:00	3400	12.900	10.414	202.122	5226.878		200.662	5228.338
8/9/09	1:30:00	3405	12.892	10.415	202.138	5226.862		200.678	5228.322
8/9/09	1:35:00	3410	12.893	10.414	202.138	5226.862		200.678	5228.322
8/9/09	1:40:00	3415	12.889	10.415	202.147	5226.853		200.687	5228.313
8/9/09	1:45:00	3420	12.885	10.413	202.155	5226.845		200.695	5228.305
8/9/09	1:50:00	3425	12.882	10.413	202.163	5226.837		200.703	5228.297
8/9/09	1:55:00	3430	12.881	10.413	202.165	5226.835		200.705	5228.295
8/9/09	2:00:00	3435	12.875	10.414	202.178	5226.822		200.718	5228.282
8/9/09	2:05:00	3440	12.869	10.412	202.191	5226.809		200.731	5228.269
8/9/09	2:10:00	3445	12.866	10.418	202.199	5226.801		200.739	5228.261
8/9/09	2:15:00	3450	12.863	10.420	202.206	5226.794		200.746	5228.254
8/9/09	2:20:00	3455	12.861	10.419	202.211	5226.789		200.751	5228.249
8/9/09	2:25:00	3460	12.860	10.423	202.213	5226.787		200.753	5228.247
8/9/09	2:30:00	3465	12.857	10.419	202.219	5226.781		200.759	5228.241
8/9/09	2:35:00	3470	12.853	10.418	202.230	5226.770		200.770	5228.230
8/9/09	2:40:00	3475	12.849	10.423	202.239	5226.761		200.779	5228.221
8/9/09	2:45:00	3480	12.846	10.423	202.245	5226.755		200.785	5228.215
8/9/09	2:50:00	3485	12.844	10.420	202.251	5226.749		200.791	5228.209
8/9/09	2:55:00	3490	12.840	10.421	202.259	5226.741		200.799	5228.201
8/9/09	3:00:00	3495	12.837	10.421	202.266	5226.734		200.806	5228.194
8/9/09	3:05:00	3500	12.831	10.421	202.280	5226.720		200.820	5228.180
8/9/09	3:10:00	3505	12.829	10.421	202.284	5226.716		200.824	5228.176
8/9/09	3:15:00	3510	12.827	10.421	202.289	5226.711		200.829	5228.171
8/9/09	3:20:00	3515	12.824	10.417	202.297	5226.703		200.837	5228.163
8/9/09	3:25:00	3520	12.823	10.418	202.299	5226.701		200.839	5228.161
8/9/09	3:30:00	3525	12.821	10.419	202.303	5226.697		200.843	5228.157
8/9/09	3:35:00	3530	12.817	10.417	202.312	5226.688		200.852	5228.148
8/9/09	3:40:00	3535	12.818	10.421	202.310	5226.690		200.850	5228.150
8/9/09	3:45:00	3540	12.811	10.417	202.326	5226.674		200.866	5228.134
8/9/09	3:50:00	3545	12.809	10.420	202.331	5226.669		200.871	5228.129
8/9/09	3:55:00	3550	12.805	10.421	202.340	5226.660		200.880	5228.120
8/9/09	4:00:00	3555	12.804	10.414	202.342	5226.658		200.882	5228.118
8/9/09	4:05:00	3560	12.803	10.420	202.345	5226.655		200.885	5228.115
8/9/09	4:10:00	3565	12.804	10.426	202.342	5226.658		200.882	5228.118
8/9/09	4:15:00	3570	12.799	10.420	202.353	5226.647		200.893	5228.107
8/9/09	4:20:00	3575	12.798	10.420	202.356	5226.644		200.896	5228.104
8/9/09	4:25:00	3580	12.795	10.418	202.364	5226.636		200.904	5228.096
8/9/09	4:30:00	3585	12.791	10.415	202.371	5226.629		200.911	5228.089
8/9/09	4:35:00	3590	12.789	10.411	202.378	5226.622		200.918	5228.082
8/9/09	4:40:00	3595	12.785	10.413	202.386	5226.614		200.926	5228.074
8/9/09	4:45:00	3600	12.781	10.416	202.396	5226.604		200.936	5228.064
8/9/09	4:50:00	3605	12.780	10.421	202.397	5226.603		200.937	5228.063
8/9/09	4:55:00	3610	12.777	10.419	202.405	5226.595		200.945	5228.055
8/9/09	5:00:00	3615	12.776	10.419	202.408	5226.592		200.948	5228.052
8/9/09	5:05:00	3620	12.774	10.420	202.411	5226.589		200.951	5228.049
8/9/09	5:10:00	3625	12.774	10.419	202.412	5226.588		200.952	5228.048
8/9/09	5:15:00	3630	12.774	10.416	202.412	5226.588		200.952	5228.048
8/9/09	5:20:00	3635	12.773	10.415	202.413	5226.587		200.953	5228.047

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Minutes	Ti SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	5:25:00	3640	12.773	10.410	202.413	5226.587	200.953	5228.047
8/9/09	5:30:00	3645	12.774	10.415	202.412	5226.588	200.952	5228.048
8/9/09	5:35:00	3650	12.772	10.417	202.416	5226.584	200.956	5228.044
8/9/09	5:40:00	3655	12.780	10.419	202.398	5226.602	200.938	5228.062
8/9/09	5:45:00	3660	12.772	10.414	202.416	5226.584	200.956	5228.044
8/9/09	5:50:00	3665	12.760	10.415	202.444	5226.556	200.984	5228.016
8/9/09	5:55:00	3670	12.762	10.417	202.439	5226.561	200.979	5228.021
8/9/09	6:00:00	3675	12.755	10.418	202.455	5226.545	200.995	5228.005
8/9/09	6:05:00	3680	12.750	10.413	202.468	5226.532	201.008	5227.992
8/9/09	6:10:00	3685	12.744	10.413	202.481	5226.519	201.021	5227.979
8/9/09	6:15:00	3690	12.743	10.414	202.483	5226.517	201.023	5227.977
8/9/09	6:20:00	3695	12.740	10.411	202.490	5226.510	201.030	5227.970
8/9/09	6:25:00	3700	12.742	10.412	202.486	5226.514	201.026	5227.974
8/9/09	6:30:00	3705	12.740	10.408	202.490	5226.510	201.030	5227.970
8/9/09	6:35:00	3710	12.741	10.410	202.488	5226.512	201.028	5227.972
8/9/09	6:40:00	3715	12.740	10.408	202.490	5226.510	201.030	5227.970
8/9/09	6:45:00	3720	12.740	10.408	202.489	5226.511	201.029	5227.971
8/9/09	6:50:00	3725	12.738	10.411	202.494	5226.506	201.034	5227.966
8/9/09	6:55:00	3730	12.733	10.411	202.506	5226.494	201.046	5227.954
8/9/09	7:00:00	3735	12.729	10.410	202.515	5226.485	201.055	5227.945
8/9/09	7:05:00	3740	12.721	10.407	202.534	5226.466	201.074	5227.926
8/9/09	7:10:00	3745	12.718	10.407	202.542	5226.458	201.082	5227.918
8/9/09	7:15:00	3750	12.717	10.409	202.543	5226.457	201.083	5227.917
8/9/09	7:20:00	3755	12.715	10.407	202.548	5226.452	201.088	5227.912
8/9/09	7:25:00	3760	12.713	10.411	202.552	5226.448	201.092	5227.908
8/9/09	7:30:00	3765	12.709	10.413	202.561	5226.439	201.101	5227.899
8/9/09	7:35:00	3770	12.708	10.411	202.563	5226.437	201.103	5227.897
8/9/09	7:40:00	3775	12.703	10.409	202.575	5226.425	201.115	5227.885
8/9/09	7:45:00	3780	12.705	10.416	202.572	5226.428	201.112	5227.888
8/9/09	7:50:00	3785	12.703	10.418	202.576	5226.424	201.116	5227.884
8/9/09	7:55:00	3790	12.698	10.421	202.587	5226.413	201.127	5227.873
8/9/09	8:00:00	3795	12.696	10.417	202.592	5226.408	201.132	5227.868
8/9/09	8:05:00	3800	12.693	10.413	202.599	5226.401	201.139	5227.861
8/9/09	8:10:00	3805	12.692	10.421	202.602	5226.398	201.142	5227.858
8/9/09	8:15:00	3810	12.689	10.420	202.608	5226.392	201.148	5227.852
8/9/09	8:20:00	3815	12.687	10.419	202.612	5226.388	201.152	5227.848
8/9/09	8:25:00	3820	12.681	10.421	202.627	5226.373	201.167	5227.833
8/9/09	8:30:00	3825	12.678	10.422	202.633	5226.367	201.173	5227.827
8/9/09	8:35:00	3830	12.673	10.422	202.646	5226.354	201.186	5227.814
8/9/09	8:40:00	3835	12.670	10.420	202.651	5226.349	201.191	5227.809
8/9/09	8:45:00	3840	12.666	10.417	202.661	5226.339	201.201	5227.799
8/9/09	8:50:00	3845	12.663	10.421	202.667	5226.333	201.207	5227.793
8/9/09	8:55:00	3850	12.660	10.423	202.676	5226.324	201.216	5227.784
8/9/09	9:00:00	3855	12.656	10.422	202.683	5226.317	201.223	5227.777
8/9/09	9:05:00	3860	12.652	10.421	202.693	5226.307	201.233	5227.767
8/9/09	9:10:00	3865	12.650	10.421	202.697	5226.303	201.237	5227.763
8/9/09	9:15:00	3870	12.646	10.421	202.707	5226.293	201.247	5227.753
8/9/09	9:20:00	3875	12.641	10.421	202.719	5226.281	201.259	5227.741
8/9/09	9:25:00	3880	12.639	10.413	202.723	5226.277	201.263	5227.737
8/9/09	9:30:00	3885	12.637	10.414	202.729	5226.271	201.269	5227.731
8/9/09	9:35:00	3890	12.635	10.420	202.734	5226.266	201.274	5227.726
8/9/09	9:40:00	3895	12.632	10.416	202.740	5226.260	201.280	5227.720

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	9:45:00	3900	12.626	10.418	202.754	5226.246	201.294	5227.706
8/9/09	9:50:00	3905	12.622	10.417	202.762	5226.238	201.302	5227.698
8/9/09	9:55:00	3910	12.616	10.413	202.777	5226.223	201.317	5227.683
8/9/09	10:00:00	3915	12.607	10.413	202.797	5226.203	201.337	5227.663
8/9/09	10:05:00	3920	12.604	10.415	202.803	5226.197	201.343	5227.657
8/9/09	10:10:00	3925	12.595	10.414	202.825	5226.175	201.365	5227.635
8/9/09	10:15:00	3930	12.596	10.415	202.822	5226.178	201.362	5227.638
8/9/09	10:20:00	3935	12.593	10.412	202.829	5226.171	201.369	5227.631
8/9/09	10:25:00	3940	12.592	10.409	202.832	5226.168	201.372	5227.628
8/9/09	10:30:00	3945	12.593	10.410	202.830	5226.170	201.370	5227.630
8/9/09	10:35:00	3950	12.592	10.405	202.833	5226.167	201.373	5227.627
8/9/09	10:40:00	3955	12.589	10.410	202.839	5226.161	201.379	5227.621
8/9/09	10:45:00	3960	12.581	10.413	202.857	5226.143	201.397	5227.603
8/9/09	10:50:00	3965	12.579	10.412	202.862	5226.138	201.402	5227.598
8/9/09	10:55:00	3970	12.578	10.411	202.865	5226.135	201.405	5227.595
8/9/09	11:00:00	3975	12.576	10.411	202.868	5226.132	201.408	5227.592
8/9/09	11:05:00	3980	12.575	10.411	202.871	5226.129	201.411	5227.589
8/9/09	11:10:00	3985	12.572	10.408	202.879	5226.121	201.419	5227.581
8/9/09	11:15:00	3990	12.572	10.404	202.877	5226.123	201.417	5227.583
8/9/09	11:20:00	3995	12.565	10.407	202.894	5226.106	201.434	5227.566
8/9/09	11:25:00	4000	12.565	10.412	202.893	5226.107	201.433	5227.567
8/9/09	11:30:00	4005	12.564	10.413	202.897	5226.103	201.437	5227.563
8/9/09	11:35:00	4010	12.560	10.418	202.905	5226.095	201.445	5227.555
8/9/09	11:40:00	4015	12.559	10.419	202.908	5226.092	201.448	5227.552
8/9/09	11:45:00	4020	12.557	10.418	202.914	5226.086	201.454	5227.546
8/9/09	11:50:00	4025	12.551	10.420	202.927	5226.073	201.467	5227.533
8/9/09	11:55:00	4030	12.549	10.419	202.931	5226.069	201.471	5227.529
8/9/09	12:00:00	4035	12.548	10.420	202.933	5226.067	201.473	5227.527
8/9/09	12:05:00	4040	12.545	10.421	202.941	5226.059	201.481	5227.519
8/9/09	12:10:00	4045	12.542	10.420	202.948	5226.052	201.488	5227.512
8/9/09	12:15:00	4050	12.539	10.419	202.955	5226.045	201.495	5227.505
8/9/09	12:20:00	4055	12.538	10.421	202.957	5226.043	201.497	5227.503
8/9/09	12:25:00	4060	12.537	10.421	202.958	5226.042	201.498	5227.502
8/9/09	12:30:00	4065	12.535	10.423	202.963	5226.037	201.503	5227.497
8/9/09	12:35:00	4070	12.533	10.421	202.967	5226.033	201.507	5227.493
8/9/09	12:40:00	4075	12.532	10.421	202.971	5226.029	201.511	5227.489
8/9/09	12:45:00	4080	12.526	10.415	202.984	5226.016	201.524	5227.476
8/9/09	12:50:00	4085	12.519	10.416	202.999	5226.001	201.539	5227.461
8/9/09	12:55:00	4090	12.520	10.419	202.999	5226.001	201.539	5227.461
8/9/09	13:00:00	4095	12.512	10.417	203.016	5225.984	201.556	5227.444
8/9/09	13:05:00	4100	12.512	10.413	203.017	5225.983	201.557	5227.443
8/9/09	13:10:00	4105	12.508	10.416	203.026	5225.974	201.566	5227.434
8/9/09	13:15:00	4110	12.501	10.413	203.042	5225.958	201.582	5227.418
8/9/09	13:20:00	4115	12.498	10.410	203.048	5225.952	201.588	5227.412
8/9/09	13:25:00	4120	12.498	10.410	203.049	5225.951	201.589	5227.411
8/9/09	13:30:00	4125	12.496	10.407	203.053	5225.947	201.593	5227.407
8/9/09	13:35:00	4130	12.489	10.405	203.069	5225.931	201.609	5227.391
8/9/09	13:40:00	4135	12.488	10.412	203.072	5225.928	201.612	5227.388
8/9/09	13:45:00	4140	12.484	10.416	203.081	5225.919	201.621	5227.379
8/9/09	13:50:00	4145	12.485	10.415	203.080	5225.920	201.620	5227.380
8/9/09	13:55:00	4150	12.480	10.414	203.090	5225.910	201.630	5227.370
8/9/09	14:00:00	4155	12.480	10.417	203.091	5225.909	201.631	5227.369

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	14:05:00	4160	12.473	10.419	203.107	5225.893	201.647	5227.353
8/9/09	14:10:00	4165	12.468	10.418	203.119	5225.881	201.659	5227.341
8/9/09	14:15:00	4170	12.467	10.416	203.120	5225.880	201.660	5227.340
8/9/09	14:20:00	4175	12.466	10.417	203.123	5225.877	201.663	5227.337
8/9/09	14:25:00	4180	12.462	10.416	203.131	5225.869	201.671	5227.329
8/9/09	14:30:00	4185	12.459	10.414	203.138	5225.862	201.678	5227.322
8/9/09	14:35:00	4190	12.458	10.410	203.141	5225.859	201.681	5227.319
8/9/09	14:40:00	4195	12.454	10.412	203.150	5225.850	201.690	5227.310
8/9/09	14:45:00	4200	12.455	10.406	203.149	5225.851	201.689	5227.311
8/9/09	14:50:00	4205	12.452	10.407	203.156	5225.844	201.696	5227.304
8/9/09	14:55:00	4210	12.442	10.407	203.179	5225.821	201.719	5227.281
8/9/09	15:00:00	4215	12.440	10.409	203.183	5225.817	201.723	5227.277
8/9/09	15:05:00	4220	12.435	10.409	203.194	5225.806	201.734	5227.266
8/9/09	15:10:00	4225	12.432	10.411	203.200	5225.800	201.740	5227.260
8/9/09	15:15:00	4230	12.433	10.411	203.200	5225.800	201.740	5227.260
8/9/09	15:20:00	4235	12.427	10.405	203.214	5225.786	201.754	5227.246
8/9/09	15:25:00	4240	12.420	10.410	203.228	5225.772	201.768	5227.232
8/9/09	15:30:00	4245	12.420	10.413	203.228	5225.772	201.768	5227.232
8/9/09	15:35:00	4250	12.416	10.412	203.238	5225.762	201.778	5227.222
8/9/09	15:40:00	4255	12.416	10.410	203.238	5225.762	201.778	5227.222
8/9/09	15:45:00	4260	12.412	10.411	203.248	5225.752	201.788	5227.212
8/9/09	15:50:00	4265	12.410	10.408	203.252	5225.748	201.792	5227.208
8/9/09	15:55:00	4270	12.410	10.411	203.253	5225.747	201.793	5227.207
8/9/09	16:00:00	4275	12.407	10.409	203.259	5225.741	201.799	5227.201
8/9/09	16:05:00	4280	12.407	10.409	203.260	5225.740	201.800	5227.200
8/9/09	16:10:00	4285	12.404	10.410	203.267	5225.733	201.807	5227.193
8/9/09	16:15:00	4290	12.399	10.412	203.277	5225.723	201.817	5227.183
8/9/09	16:20:00	4295	12.401	10.409	203.272	5225.728	201.812	5227.188
8/9/09	16:25:00	4300	12.398	10.411	203.281	5225.719	201.821	5227.179
8/9/09	16:30:00	4305	12.398	10.407	203.280	5225.720	201.820	5227.180
8/9/09	16:35:00	4310	12.394	10.402	203.290	5225.710	201.830	5227.170
8/9/09	16:40:00	4315	12.394	10.405	203.289	5225.711	201.829	5227.171
8/9/09	16:45:00	4320	12.393	10.406	203.290	5225.710	201.830	5227.170
8/9/09	16:50:00	4325	12.392	10.410	203.294	5225.706	201.834	5227.166
8/9/09	16:55:00	4330	12.390	10.409	203.299	5225.701	201.839	5227.161
8/9/09	17:00:00	4335	12.389	10.405	203.300	5225.700	201.840	5227.160
8/9/09	17:05:00	4340	12.384	10.407	203.312	5225.688	201.852	5227.148
8/9/09	17:10:00	4345	12.384	10.408	203.312	5225.688	201.852	5227.148
8/9/09	17:15:00	4350	12.383	10.405	203.315	5225.685	201.855	5227.145
8/9/09	17:20:00	4355	12.381	10.408	203.319	5225.681	201.859	5227.141
8/9/09	17:25:00	4360	12.378	10.409	203.325	5225.675	201.865	5227.135
8/9/09	17:30:00	4365	12.375	10.406	203.333	5225.667	201.873	5227.127
8/9/09	17:35:00	4370	12.374	10.402	203.334	5225.666	201.874	5227.126
8/9/09	17:40:00	4375	12.374	10.401	203.336	5225.664	201.876	5227.124
8/9/09	17:45:00	4380	12.374	10.402	203.336	5225.664	201.876	5227.124
8/9/09	17:50:00	4385	12.374	10.401	203.336	5225.664	201.876	5227.124
8/9/09	17:55:00	4390	12.373	10.408	203.338	5225.662	201.878	5227.122
8/9/09	18:00:00	4395	12.369	10.406	203.348	5225.652	201.888	5227.112
8/9/09	18:05:00	4400	12.368	10.408	203.348	5225.652	201.888	5227.112
8/9/09	18:10:00	4405	12.364	10.399	203.358	5225.642	201.898	5227.102
8/9/09	18:15:00	4410	12.367	10.407	203.351	5225.649	201.891	5227.109
8/9/09	18:20:00	4415	12.366	10.407	203.355	5225.645	201.895	5227.105

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	18:25:00	4420	12.361	10.408	203.365	5225.635	201.905	5227.095
8/9/09	18:30:00	4425	12.362	10.409	203.362	5225.638	201.902	5227.098
8/9/09	18:35:00	4430	12.363	10.411	203.361	5225.639	201.901	5227.099
8/9/09	18:40:00	4435	12.361	10.411	203.366	5225.634	201.906	5227.094
8/9/09	18:45:00	4440	12.357	10.412	203.373	5225.627	201.913	5227.087
8/9/09	18:50:00	4445	12.357	10.407	203.375	5225.625	201.915	5227.085
8/9/09	18:55:00	4450	12.360	10.411	203.368	5225.632	201.908	5227.092
8/9/09	19:00:00	4455	12.359	10.412	203.370	5225.630	201.910	5227.090
8/9/09	19:05:00	4460	12.359	10.412	203.370	5225.630	201.910	5227.090
8/9/09	19:10:00	4465	12.358	10.413	203.372	5225.628	201.912	5227.088
8/9/09	19:15:00	4470	12.359	10.413	203.369	5225.631	201.909	5227.091
8/9/09	19:20:00	4475	12.360	10.413	203.367	5225.633	201.907	5227.093
8/9/09	19:25:00	4480	12.359	10.411	203.369	5225.631	201.909	5227.091
8/9/09	19:30:00	4485	12.359	10.413	203.371	5225.629	201.911	5227.089
8/9/09	19:35:00	4490	12.358	10.414	203.372	5225.628	201.912	5227.088
8/9/09	19:40:00	4495	12.358	10.412	203.371	5225.629	201.911	5227.089
8/9/09	19:45:00	4500	12.355	10.417	203.380	5225.620	201.920	5227.080
8/9/09	19:50:00	4505	12.357	10.408	203.375	5225.625	201.915	5227.085
8/9/09	19:55:00	4510	12.359	10.406	203.371	5225.629	201.911	5227.089
8/9/09	20:00:00	4515	12.359	10.406	203.371	5225.629	201.911	5227.089
8/9/09	20:05:00	4520	12.356	10.407	203.377	5225.623	201.917	5227.083
8/9/09	20:10:00	4525	12.360	10.411	203.367	5225.633	201.907	5227.093
8/9/09	20:15:00	4530	12.363	10.410	203.361	5225.639	201.901	5227.099
8/9/09	20:20:00	4535	12.363	10.411	203.361	5225.639	201.901	5227.099
8/9/09	20:25:00	4540	12.363	10.415	203.360	5225.640	201.900	5227.100
8/9/09	20:30:00	4545	12.364	10.416	203.358	5225.642	201.898	5227.102
8/9/09	20:35:00	4550	12.365	10.418	203.357	5225.643	201.897	5227.103
8/9/09	20:40:00	4555	12.367	10.418	203.352	5225.648	201.892	5227.108
8/9/09	20:45:00	4560	12.367	10.415	203.351	5225.649	201.891	5227.109
8/9/09	20:50:00	4565	12.366	10.416	203.354	5225.646	201.894	5227.106
8/9/09	20:55:00	4570	12.368	10.418	203.349	5225.651	201.889	5227.111
8/9/09	21:00:00	4575	12.368	10.417	203.350	5225.650	201.890	5227.110
8/9/09	21:05:00	4580	12.365	10.417	203.356	5225.644	201.896	5227.104
8/9/09	21:10:00	4585	12.362	10.419	203.362	5225.638	201.902	5227.098
8/9/09	21:15:00	4590	12.363	10.412	203.360	5225.640	201.900	5227.100
8/9/09	21:20:00	4595	12.363	10.417	203.360	5225.640	201.900	5227.100
8/9/09	21:25:00	4600	12.360	10.413	203.367	5225.633	201.907	5227.093
8/9/09	21:30:00	4605	12.359	10.419	203.369	5225.631	201.909	5227.091
8/9/09	21:35:00	4610	12.357	10.417	203.374	5225.626	201.914	5227.086
8/9/09	21:40:00	4615	12.354	10.409	203.381	5225.619	201.921	5227.079
8/9/09	21:45:00	4620	12.351	10.413	203.389	5225.611	201.929	5227.071
8/9/09	21:50:00	4625	12.348	10.415	203.395	5225.605	201.935	5227.065
8/9/09	21:55:00	4630	12.346	10.419	203.399	5225.601	201.939	5227.061
8/9/09	22:00:00	4635	12.344	10.417	203.404	5225.596	201.944	5227.056
8/9/09	22:05:00	4640	12.342	10.420	203.409	5225.591	201.949	5227.051
8/9/09	22:10:00	4645	12.341	10.419	203.412	5225.588	201.952	5227.048
8/9/09	22:15:00	4650	12.338	10.413	203.417	5225.583	201.957	5227.043
8/9/09	22:20:00	4655	12.335	10.419	203.425	5225.575	201.965	5227.035
8/9/09	22:25:00	4660	12.332	10.418	203.431	5225.569	201.971	5227.029
8/9/09	22:30:00	4665	12.331	10.417	203.434	5225.566	201.974	5227.026
8/9/09	22:35:00	4670	12.330	10.417	203.437	5225.563	201.977	5227.023
8/9/09	22:40:00	4675	12.327	10.418	203.445	5225.555	201.985	5227.015

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/9/09	22:45:00	4680	12.324	10.420	203.450	5225.550	201.990	5227.010
8/9/09	22:50:00	4685	12.321	10.416	203.457	5225.543	201.997	5227.003
8/9/09	22:55:00	4690	12.317	10.410	203.466	5225.534	202.006	5226.994
8/9/09	23:00:00	4695	12.316	10.408	203.470	5225.530	202.010	5226.990
8/9/09	23:05:00	4700	12.312	10.408	203.479	5225.521	202.019	5226.981
8/9/09	23:10:00	4705	12.310	10.406	203.484	5225.516	202.024	5226.976
8/9/09	23:15:00	4710	12.305	10.412	203.495	5225.505	202.035	5226.965
8/9/09	23:20:00	4715	12.301	10.414	203.503	5225.497	202.043	5226.957
8/9/09	23:25:00	4720	12.300	10.414	203.507	5225.493	202.047	5226.953
8/9/09	23:30:00	4725	12.298	10.415	203.512	5225.488	202.052	5226.948
8/9/09	23:35:00	4730	12.296	10.414	203.516	5225.484	202.056	5226.944
8/9/09	23:40:00	4735	12.292	10.411	203.524	5225.476	202.064	5226.936
8/9/09	23:45:00	4740	12.291	10.413	203.527	5225.473	202.067	5226.933
8/9/09	23:50:00	4745	12.283	10.410	203.545	5225.455	202.085	5226.915
8/9/09	23:55:00	4750	12.286	10.412	203.539	5225.461	202.079	5226.921
8/10/09	0:00:00	4755	12.280	10.413	203.553	5225.447	202.093	5226.907
8/10/09	0:05:00	4760	12.280	10.408	203.552	5225.448	202.092	5226.908
8/10/09	0:10:00	4765	12.274	10.410	203.567	5225.433	202.107	5226.893
8/10/09	0:15:00	4770	12.276	10.411	203.561	5225.439	202.101	5226.899
8/10/09	0:20:00	4775	12.272	10.410	203.570	5225.430	202.110	5226.890
8/10/09	0:25:00	4780	12.267	10.411	203.582	5225.418	202.122	5226.878
8/10/09	0:30:00	4785	12.265	10.413	203.587	5225.413	202.127	5226.873
8/10/09	0:35:00	4790	12.263	10.410	203.592	5225.408	202.132	5226.868
8/10/09	0:40:00	4795	12.259	10.407	203.600	5225.400	202.140	5226.860
8/10/09	0:45:00	4800	12.256	10.409	203.607	5225.393	202.147	5226.853
8/10/09	0:50:00	4805	12.252	10.411	203.616	5225.384	202.156	5226.844
8/10/09	0:55:00	4810	12.250	10.411	203.621	5225.379	202.161	5226.839
8/10/09	1:00:00	4815	12.246	10.411	203.631	5225.369	202.171	5226.829
8/10/09	1:05:00	4820	12.244	10.411	203.636	5225.364	202.176	5226.824
8/10/09	1:10:00	4825	12.237	10.417	203.652	5225.348	202.192	5226.808
8/10/09	1:15:00	4830	12.237	10.418	203.651	5225.349	202.191	5226.809
8/10/09	1:20:00	4835	12.233	10.414	203.660	5225.340	202.200	5226.800
8/10/09	1:25:00	4840	12.231	10.415	203.666	5225.334	202.206	5226.794
8/10/09	1:30:00	4845	12.229	10.415	203.670	5225.330	202.210	5226.790
8/10/09	1:35:00	4850	12.222	10.413	203.685	5225.315	202.225	5226.775
8/10/09	1:40:00	4855	12.218	10.413	203.696	5225.304	202.236	5226.764
8/10/09	1:45:00	4860	12.215	10.418	203.702	5225.298	202.242	5226.758
8/10/09	1:50:00	4865	12.210	10.418	203.714	5225.286	202.254	5226.746
8/10/09	1:55:00	4870	12.207	10.417	203.722	5225.278	202.262	5226.738
8/10/09	2:00:00	4875	12.205	10.421	203.725	5225.275	202.265	5226.735
8/10/09	2:05:00	4880	12.202	10.417	203.732	5225.268	202.272	5226.728
8/10/09	2:10:00	4885	12.201	10.415	203.735	5225.265	202.275	5226.725
8/10/09	2:15:00	4890	12.194	10.417	203.750	5225.250	202.290	5226.710
8/10/09	2:20:00	4895	12.196	10.417	203.746	5225.254	202.286	5226.714
8/10/09	2:25:00	4900	12.194	10.415	203.751	5225.249	202.291	5226.709
8/10/09	2:30:00	4905	12.190	10.419	203.759	5225.241	202.299	5226.701
8/10/09	2:35:00	4910	12.188	10.415	203.765	5225.235	202.305	5226.695
8/10/09	2:40:00	4915	12.185	10.418	203.772	5225.228	202.312	5226.688
8/10/09	2:45:00	4920	12.185	10.416	203.772	5225.228	202.312	5226.688
8/10/09	2:50:00	4925	12.182	10.413	203.779	5225.221	202.319	5226.681
8/10/09	2:55:00	4930	12.180	10.413	203.783	5225.217	202.323	5226.677
8/10/09	3:00:00	4935	12.177	10.417	203.790	5225.210	202.330	5226.670

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation			
8/10/09	3:05:00	4940	12.172	10.418	203.802	5225.198		202.342	5226.658
8/10/09	3:10:00	4945	12.173	10.421	203.799	5225.201		202.339	5226.661
8/10/09	3:15:00	4950	12.172	10.415	203.801	5225.199		202.341	5226.659
8/10/09	3:20:00	4955	12.166	10.413	203.817	5225.183		202.357	5226.643
8/10/09	3:25:00	4960	12.167	10.407	203.814	5225.186		202.354	5226.646
8/10/09	3:30:00	4965	12.163	10.408	203.823	5225.177		202.363	5226.637
8/10/09	3:35:00	4970	12.158	10.405	203.833	5225.167		202.373	5226.627
8/10/09	3:40:00	4975	12.155	10.407	203.841	5225.159		202.381	5226.619
8/10/09	3:45:00	4980	12.152	10.407	203.848	5225.152		202.388	5226.612
8/10/09	3:50:00	4985	12.151	10.406	203.850	5225.150		202.390	5226.610
8/10/09	3:55:00	4990	12.147	10.405	203.859	5225.141		202.399	5226.601
8/10/09	4:00:00	4995	12.147	10.410	203.859	5225.141		202.399	5226.601
8/10/09	4:05:00	5000	12.142	10.413	203.872	5225.128		202.412	5226.588
8/10/09	4:10:00	5005	12.140	10.418	203.876	5225.124		202.416	5226.584
8/10/09	4:15:00	5010	12.134	10.421	203.890	5225.110		202.430	5226.570
8/10/09	4:20:00	5015	12.134	10.417	203.888	5225.112		202.428	5226.572
8/10/09	4:25:00	5020	12.130	10.415	203.899	5225.101		202.439	5226.561
8/10/09	4:30:00	5025	12.126	10.420	203.908	5225.092		202.448	5226.552
8/10/09	4:35:00	5030	12.124	10.416	203.912	5225.088		202.452	5226.548
8/10/09	4:40:00	5035	12.121	10.417	203.920	5225.080		202.460	5226.540
8/10/09	4:45:00	5040	12.120	10.413	203.923	5225.077		202.463	5226.537
8/10/09	4:50:00	5045	12.117	10.416	203.929	5225.071		202.469	5226.531
8/10/09	4:55:00	5050	12.112	10.416	203.941	5225.059		202.481	5226.519
8/10/09	5:00:00	5055	12.112	10.415	203.941	5225.059		202.481	5226.519
8/10/09	5:05:00	5060	12.109	10.415	203.947	5225.053		202.487	5226.513
8/10/09	5:10:00	5065	12.107	10.417	203.951	5225.049		202.491	5226.509
8/10/09	5:15:00	5070	12.101	10.413	203.965	5225.035		202.505	5226.495
8/10/09	5:20:00	5075	12.102	10.413	203.963	5225.037		202.503	5226.497
8/10/09	5:25:00	5080	12.101	10.414	203.965	5225.035		202.505	5226.495
8/10/09	5:30:00	5085	12.098	10.418	203.973	5225.027		202.513	5226.487
8/10/09	5:35:00	5090	12.095	10.417	203.979	5225.021		202.519	5226.481
8/10/09	5:40:00	5095	12.095	10.415	203.979	5225.021		202.519	5226.481
8/10/09	5:45:00	5100	12.089	10.420	203.994	5225.006		202.534	5226.466
8/10/09	5:50:00	5105	12.087	10.413	203.999	5225.001		202.539	5226.461
8/10/09	5:55:00	5110	12.088	10.415	203.997	5225.003		202.537	5226.463
8/10/09	6:00:00	5115	12.089	10.414	203.993	5225.007		202.533	5226.467
8/10/09	6:05:00	5120	12.082	10.417	204.009	5224.991		202.549	5226.451
8/10/09	6:10:00	5125	12.077	10.417	204.021	5224.979		202.561	5226.439
8/10/09	6:15:00	5130	12.078	10.419	204.018	5224.982		202.558	5226.442
8/10/09	6:20:00	5135	12.078	10.417	204.020	5224.980		202.560	5226.440
8/10/09	6:25:00	5140	12.073	10.417	204.030	5224.970		202.570	5226.430
8/10/09	6:30:00	5145	12.070	10.418	204.037	5224.963		202.577	5226.423
8/10/09	6:35:00	5150	12.068	10.414	204.042	5224.958		202.582	5226.418
8/10/09	6:40:00	5155	12.065	10.412	204.048	5224.952		202.588	5226.412
8/10/09	6:45:00	5160	12.063	10.413	204.053	5224.947		202.593	5226.407
8/10/09	6:50:00	5165	12.059	10.414	204.063	5224.937		202.603	5226.397
8/10/09	6:55:00	5170	12.057	10.413	204.067	5224.933		202.607	5226.393
8/10/09	7:00:00	5175	12.051	10.413	204.082	5224.918		202.622	5226.378
8/10/09	7:05:00	5180	12.049	10.413	204.085	5224.915		202.625	5226.375
8/10/09	7:10:00	5185	12.047	10.416	204.090	5224.910		202.630	5226.370
8/10/09	7:15:00	5190	12.045	10.416	204.095	5224.905		202.635	5226.365
8/10/09	7:20:00	5195	12.038	10.417	204.110	5224.890		202.650	5226.350

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	7:25:00	5200	12.033	10.413	204.121	5224.879	202.661	5226.339
8/10/09	7:30:00	5205	12.030	10.415	204.129	5224.871	202.669	5226.331
8/10/09	7:35:00	5210	12.023	10.422	204.145	5224.855	202.685	5226.315
8/10/09	7:40:00	5215	12.019	10.419	204.155	5224.845	202.695	5226.305
8/10/09	7:45:00	5220	12.012	10.418	204.171	5224.829	202.711	5226.289
8/10/09	7:50:00	5225	12.008	10.417	204.181	5224.819	202.721	5226.279
8/10/09	7:55:00	5230	12.004	10.415	204.190	5224.810	202.730	5226.270
8/10/09	8:00:00	5235	12.001	10.413	204.195	5224.805	202.735	5226.265
8/10/09	8:05:00	5240	12.001	10.417	204.196	5224.804	202.736	5226.264
8/10/09	8:10:00	5245	11.994	10.418	204.213	5224.787	202.753	5226.247
8/10/09	8:15:00	5250	11.988	10.419	204.227	5224.773	202.767	5226.233
8/10/09	8:20:00	5255	11.981	10.420	204.242	5224.758	202.782	5226.218
8/10/09	8:25:00	5260	11.977	10.420	204.252	5224.748	202.792	5226.208
8/10/09	8:30:00	5265	11.976	10.417	204.255	5224.745	202.795	5226.205
8/10/09	8:35:00	5270	11.976	10.412	204.255	5224.745	202.795	5226.205
8/10/09	8:40:00	5275	11.975	10.411	204.257	5224.743	202.797	5226.203
8/10/09	8:45:00	5280	11.972	10.417	204.262	5224.738	202.802	5226.198
8/10/09	8:50:00	5285	11.967	10.413	204.276	5224.724	202.816	5226.184
8/10/09	8:55:00	5290	11.963	10.417	204.285	5224.715	202.825	5226.175
8/10/09	9:00:00	5295	11.960	10.416	204.291	5224.709	202.831	5226.169
8/10/09	9:05:00	5300	11.956	10.415	204.301	5224.699	202.841	5226.159
8/10/09	9:10:00	5305	11.949	10.408	204.316	5224.684	202.856	5226.144
8/10/09	9:15:00	5310	11.945	10.409	204.327	5224.673	202.867	5226.133
8/10/09	9:20:00	5315	11.939	10.415	204.340	5224.660	202.880	5226.120
8/10/09	9:25:00	5320	11.934	10.419	204.351	5224.649	202.891	5226.109
8/10/09	9:30:00	5325	11.928	10.418	204.365	5224.635	202.905	5226.095
8/10/09	9:35:00	5330	11.924	10.414	204.374	5224.626	202.914	5226.086
8/10/09	9:40:00	5335	11.913	10.413	204.400	5224.600	202.940	5226.060
8/10/09	9:45:00	5340	11.914	10.413	204.398	5224.602	202.938	5226.062
8/10/09	9:50:00	5345	11.909	10.414	204.408	5224.592	202.948	5226.052
8/10/09	9:55:00	5350	11.907	10.413	204.414	5224.586	202.954	5226.046
8/10/09	10:00:00	5355	11.897	10.415	204.437	5224.563	202.977	5226.023
8/10/09	10:05:00	5360	11.891	10.416	204.450	5224.550	202.990	5226.010
8/10/09	10:10:00	5365	11.890	10.418	204.453	5224.547	202.993	5226.007
8/10/09	10:15:00	5370	11.886	10.414	204.461	5224.539	203.001	5226.999
8/10/09	10:20:00	5375	11.886	10.414	204.463	5224.537	203.003	5225.997
8/10/09	10:25:00	5380	11.873	10.414	204.493	5224.507	203.033	5225.967
8/10/09	10:30:00	5385	11.871	10.413	204.496	5224.504	203.036	5225.964
8/10/09	10:35:00	5390	11.870	10.413	204.498	5224.502	203.038	5225.962
8/10/09	10:40:00	5395	11.870	10.412	204.498	5224.502	203.038	5225.962
8/10/09	10:45:00	5400	11.869	10.412	204.502	5224.498	203.042	5225.958
8/10/09	10:50:00	5405	11.864	10.409	204.512	5224.488	203.052	5225.948
8/10/09	10:55:00	5410	11.863	10.411	204.515	5224.485	203.055	5225.945
8/10/09	11:00:00	5415	11.861	10.415	204.519	5224.481	203.059	5225.941
8/10/09	11:05:00	5420	11.850	10.413	204.546	5224.454	203.086	5225.914
8/10/09	11:10:00	5425	11.847	10.413	204.553	5224.447	203.093	5225.907
8/10/09	11:15:00	5430	11.840	10.413	204.568	5224.432	203.108	5225.892
8/10/09	11:20:00	5435	11.838	10.408	204.572	5224.428	203.112	5225.888
8/10/09	11:25:00	5440	11.840	10.413	204.569	5224.431	203.109	5225.891
8/10/09	11:30:00	5445	11.838	10.411	204.574	5224.426	203.114	5225.886
8/10/09	11:35:00	5450	11.839	10.410	204.572	5224.428	203.112	5225.888
8/10/09	11:40:00	5455	11.836	10.412	204.577	5224.423	203.117	5225.883

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	11:45:00	5460	11.838	10.410	204.574	5224.426	203.114	5225.886
8/10/09	11:50:00	5465	11.836	10.415	204.578	5224.422	203.118	5225.882
8/10/09	11:55:00	5470	11.833	10.411	204.584	5224.416	203.124	5225.876
8/10/09	12:00:00	5475	11.828	10.408	204.596	5224.404	203.136	5225.864
8/10/09	12:05:00	5480	11.828	10.411	204.595	5224.405	203.135	5225.865
8/10/09	12:10:00	5485	11.828	10.413	204.597	5224.403	203.137	5225.863
8/10/09	12:15:00	5490	11.825	10.414	204.604	5224.396	203.144	5225.856
8/10/09	12:20:00	5495	11.823	10.416	204.606	5224.394	203.146	5225.854
8/10/09	12:25:00	5500	11.823	10.413	204.608	5224.392	203.148	5225.852
8/10/09	12:30:00	5505	11.824	10.410	204.606	5224.394	203.146	5225.854
8/10/09	12:35:00	5510	11.822	10.409	204.611	5224.389	203.151	5225.849
8/10/09	12:40:00	5515	11.823	10.409	204.607	5224.393	203.147	5225.853
8/10/09	12:45:00	5520	11.828	10.409	204.597	5224.403	203.137	5225.863
8/10/09	12:50:00	5525	11.829	10.411	204.593	5224.407	203.133	5225.867
8/10/09	12:55:00	5530	11.818	10.410	204.619	5224.381	203.159	5225.841
8/10/09	13:00:00	5535	11.812	10.413	204.632	5224.368	203.172	5225.828
8/10/09	13:05:00	5540	11.812	10.413	204.633	5224.367	203.173	5225.827
8/10/09	13:10:00	5545	11.810	10.413	204.638	5224.362	203.178	5225.822
8/10/09	13:15:00	5550	11.808	10.415	204.641	5224.359	203.181	5225.819
8/10/09	13:20:00	5555	11.801	10.414	204.659	5224.341	203.199	5225.801
8/10/09	13:25:00	5560	11.797	10.416	204.668	5224.332	203.208	5225.792
8/10/09	13:30:00	5565	11.796	10.413	204.669	5224.331	203.209	5225.791
8/10/09	13:35:00	5570	11.796	10.413	204.671	5224.329	203.211	5225.789
8/10/09	13:40:00	5575	11.793	10.417	204.677	5224.323	203.217	5225.783
8/10/09	13:45:00	5580	11.800	10.413	204.661	5224.339	203.201	5225.799
8/10/09	13:50:00	5585	11.807	10.412	204.644	5224.356	203.184	5225.816
8/10/09	13:55:00	5590	11.807	10.421	204.644	5224.356	203.184	5225.816
8/10/09	14:00:00	5595	11.801	10.419	204.659	5224.341	203.199	5225.801
8/10/09	14:05:00	5600	11.791	10.417	204.682	5224.318	203.222	5225.778
8/10/09	14:10:00	5605	11.780	10.416	204.707	5224.293	203.247	5225.753
8/10/09	14:15:00	5610	11.780	10.415	204.707	5224.293	203.247	5225.753
8/10/09	14:20:00	5615	11.777	10.412	204.713	5224.287	203.253	5225.747
8/10/09	14:25:00	5620	11.774	10.414	204.721	5224.279	203.261	5225.739
8/10/09	14:30:00	5625	11.766	10.416	204.739	5224.261	203.279	5225.721
8/10/09	14:35:00	5630	11.763	10.413	204.747	5224.253	203.287	5225.713
8/10/09	14:40:00	5635	11.764	10.409	204.744	5224.256	203.284	5225.716
8/10/09	14:45:00	5640	11.761	10.410	204.751	5224.249	203.291	5225.709
8/10/09	14:50:00	5645	11.762	10.412	204.749	5224.251	203.289	5225.711
8/10/09	14:55:00	5650	11.758	10.412	204.757	5224.243	203.297	5225.703
8/10/09	15:00:00	5655	11.763	10.412	204.746	5224.254	203.286	5225.714
8/10/09	15:05:00	5660	11.764	10.410	204.743	5224.257	203.283	5225.717
8/10/09	15:10:00	5665	11.763	10.409	204.745	5224.255	203.285	5225.715
8/10/09	15:15:00	5670	11.766	10.413	204.738	5224.262	203.278	5225.722
8/10/09	15:20:00	5675	11.750	10.413	204.776	5224.224	203.316	5225.684
8/10/09	15:25:00	5680	11.751	10.415	204.773	5224.227	203.313	5225.687
8/10/09	15:30:00	5685	11.750	10.418	204.775	5224.225	203.315	5225.685
8/10/09	15:35:00	5690	11.749	10.416	204.777	5224.223	203.317	5225.683
8/10/09	15:40:00	5695	11.750	10.414	204.776	5224.224	203.316	5225.684
8/10/09	15:45:00	5700	11.744	10.408	204.789	5224.211	203.329	5225.671
8/10/09	15:50:00	5705	11.745	10.405	204.789	5224.211	203.329	5225.671
8/10/09	15:55:00	5710	11.742	10.405	204.794	5224.206	203.334	5225.666
8/10/09	16:00:00	5715	11.739	10.413	204.802	5224.198	203.342	5225.658

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	16:05:00	5720	11.737	10.413	204.807	5224.193	203.347	5225.653
8/10/09	16:10:00	5725	11.736	10.414	204.808	5224.192	203.348	5225.652
8/10/09	16:15:00	5730	11.734	10.413	204.813	5224.187	203.353	5225.647
8/10/09	16:20:00	5735	11.733	10.416	204.815	5224.185	203.355	5225.645
8/10/09	16:25:00	5740	11.731	10.413	204.819	5224.181	203.359	5225.641
8/10/09	16:30:00	5745	11.731	10.417	204.821	5224.179	203.361	5225.639
8/10/09	16:35:00	5750	11.731	10.419	204.821	5224.179	203.361	5225.639
8/10/09	16:40:00	5755	11.726	10.417	204.831	5224.169	203.371	5225.629
8/10/09	16:45:00	5760	11.725	10.418	204.833	5224.167	203.373	5225.627
8/10/09	16:50:00	5765	11.723	10.414	204.837	5224.163	203.377	5225.623
8/10/09	16:55:00	5770	11.722	10.421	204.841	5224.159	203.381	5225.619
8/10/09	17:00:00	5775	11.721	10.409	204.843	5224.157	203.383	5225.617
8/10/09	17:05:00	5780	11.721	10.407	204.843	5224.157	203.383	5225.617
8/10/09	17:10:00	5785	11.719	10.408	204.848	5224.152	203.388	5225.612
8/10/09	17:15:00	5790	11.717	10.410	204.851	5224.149	203.391	5225.609
8/10/09	17:20:00	5795	11.716	10.409	204.854	5224.146	203.394	5225.606
8/10/09	17:25:00	5800	11.715	10.407	204.857	5224.143	203.397	5225.603
8/10/09	17:30:00	5805	11.713	10.410	204.860	5224.140	203.400	5225.600
8/10/09	17:35:00	5810	11.714	10.407	204.860	5224.140	203.400	5225.600
8/10/09	17:40:00	5815	11.711	10.408	204.866	5224.134	203.406	5225.594
8/10/09	17:45:00	5820	11.711	10.405	204.865	5224.135	203.405	5225.595
8/10/09	17:50:00	5825	11.711	10.405	204.866	5224.134	203.406	5225.594
8/10/09	17:55:00	5830	11.708	10.406	204.874	5224.126	203.414	5225.586
8/10/09	18:00:00	5835	11.708	10.408	204.873	5224.127	203.413	5225.587
8/10/09	18:05:00	5840	11.706	10.409	204.878	5224.122	203.418	5225.582
8/10/09	18:10:00	5845	11.703	10.409	204.884	5224.116	203.424	5225.576
8/10/09	18:15:00	5850	11.702	10.411	204.887	5224.113	203.427	5225.573
8/10/09	18:20:00	5855	11.705	10.411	204.881	5224.119	203.421	5225.579
8/10/09	18:25:00	5860	11.699	10.413	204.894	5224.106	203.434	5225.566
8/10/09	18:30:00	5865	11.699	10.407	204.895	5224.105	203.435	5225.565
8/10/09	18:35:00	5870	11.695	10.411	204.904	5224.096	203.444	5225.556
8/10/09	18:40:00	5875	11.696	10.415	204.902	5224.098	203.442	5225.558
8/10/09	18:45:00	5880	11.694	10.415	204.904	5224.096	203.444	5225.556
8/10/09	18:50:00	5885	11.692	10.415	204.909	5224.091	203.449	5225.551
8/10/09	18:55:00	5890	11.691	10.414	204.911	5224.089	203.451	5225.549
8/10/09	19:00:00	5895	11.691	10.418	204.913	5224.087	203.453	5225.547
8/10/09	19:05:00	5900	11.689	10.413	204.917	5224.083	203.457	5225.543
8/10/09	19:10:00	5905	11.689	10.419	204.917	5224.083	203.457	5225.543
8/10/09	19:15:00	5910	11.689	10.415	204.916	5224.084	203.456	5225.544
8/10/09	19:20:00	5915	11.691	10.414	204.913	5224.087	203.453	5225.547
8/10/09	19:25:00	5920	11.690	10.417	204.915	5224.085	203.455	5225.545
8/10/09	19:30:00	5925	11.691	10.414	204.912	5224.088	203.452	5225.548
8/10/09	19:35:00	5930	11.692	10.412	204.910	5224.090	203.450	5225.550
8/10/09	19:40:00	5935	11.695	10.416	204.904	5224.096	203.444	5225.556
8/10/09	19:45:00	5940	11.694	10.412	204.905	5224.095	203.445	5225.555
8/10/09	19:50:00	5945	11.698	10.413	204.897	5224.103	203.437	5225.563
8/10/09	19:55:00	5950	11.697	10.415	204.899	5224.101	203.439	5225.561
8/10/09	20:00:00	5955	11.697	10.418	204.898	5224.102	203.438	5225.562
8/10/09	20:05:00	5960	11.701	10.413	204.890	5224.110	203.430	5225.570
8/10/09	20:10:00	5965	11.707	10.413	204.876	5224.124	203.416	5225.584
8/10/09	20:15:00	5970	11.706	10.417	204.877	5224.123	203.417	5225.583
8/10/09	20:20:00	5975	11.710	10.417	204.868	5224.132	203.408	5225.592

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/10/09	20:25:00	5980	11.712	10.418	204.864	5224.136	203.404	5225.596
8/10/09	20:30:00	5985	11.713	10.413	204.861	5224.139	203.401	5225.599
8/10/09	20:35:00	5990	11.713	10.416	204.860	5224.140	203.400	5225.600
8/10/09	20:40:00	5995	11.719	10.413	204.848	5224.152	203.388	5225.612
8/10/09	20:45:00	6000	11.717	10.410	204.852	5224.148	203.392	5225.608
8/10/09	20:50:00	6005	11.716	10.410	204.854	5224.146	203.394	5225.606
8/10/09	20:55:00	6010	11.720	10.413	204.845	5224.155	203.385	5225.615
8/10/09	21:00:00	6015	11.718	10.413	204.850	5224.150	203.390	5225.610
8/10/09	21:05:00	6020	11.720	10.417	204.845	5224.155	203.385	5225.615
8/10/09	21:10:00	6025	11.720	10.415	204.846	5224.154	203.386	5225.614
8/10/09	21:15:00	6030	11.719	10.413	204.848	5224.152	203.388	5225.612
8/10/09	21:20:00	6035	11.720	10.415	204.846	5224.154	203.386	5225.614
8/10/09	21:25:00	6040	11.718	10.415	204.850	5224.150	203.390	5225.610
8/10/09	21:30:00	6045	11.719	10.414	204.847	5224.153	203.387	5225.613
8/10/09	21:35:00	6050	11.713	10.415	204.862	5224.138	203.402	5225.598
8/10/09	21:40:00	6055	11.711	10.417	204.866	5224.134	203.406	5225.594
8/10/09	21:45:00	6060	11.706	10.418	204.877	5224.123	203.417	5225.583
8/10/09	21:50:00	6065	11.704	10.417	204.882	5224.118	203.422	5225.578
8/10/09	21:55:00	6070	11.701	10.417	204.889	5224.111	203.429	5225.571
8/10/09	22:00:00	6075	11.699	10.415	204.893	5224.107	203.433	5225.567
8/10/09	22:05:00	6080	11.698	10.419	204.897	5224.103	203.437	5225.563
8/10/09	22:10:00	6085	11.695	10.418	204.903	5224.097	203.443	5225.557
8/10/09	22:15:00	6090	11.693	10.417	204.908	5224.092	203.448	5225.552
8/10/09	22:20:00	6095	11.692	10.415	204.910	5224.090	203.450	5225.550
8/10/09	22:25:00	6100	11.689	10.412	204.916	5224.084	203.456	5225.544
8/10/09	22:30:00	6105	11.686	10.408	204.923	5224.077	203.463	5225.537
8/10/09	22:35:00	6110	11.685	10.407	204.927	5224.073	203.467	5225.533
8/10/09	22:40:00	6115	11.681	10.412	204.934	5224.066	203.474	5225.526
8/10/09	22:45:00	6120	11.677	10.408	204.944	5224.056	203.484	5225.516
8/10/09	22:50:00	6125	11.675	10.409	204.949	5224.051	203.489	5225.511
8/10/09	22:55:00	6130	11.672	10.413	204.956	5224.044	203.496	5225.504
8/10/09	23:00:00	6135	11.667	10.414	204.967	5224.033	203.507	5225.493
8/10/09	23:05:00	6140	11.665	10.413	204.971	5224.029	203.511	5225.489
8/10/09	23:10:00	6145	11.664	10.412	204.974	5224.026	203.514	5225.486
8/10/09	23:15:00	6150	11.659	10.409	204.986	5224.014	203.526	5225.474
8/10/09	23:20:00	6155	11.655	10.410	204.996	5224.004	203.536	5225.464
8/10/09	23:25:00	6160	11.653	10.412	205.000	5224.000	203.540	5225.460
8/10/09	23:30:00	6165	11.649	10.413	205.008	5223.992	203.548	5225.452
8/10/09	23:35:00	6170	11.646	10.414	205.017	5223.983	203.557	5225.443
8/10/09	23:40:00	6175	11.643	10.417	205.024	5223.976	203.564	5225.436
8/10/09	23:45:00	6180	11.642	10.414	205.026	5223.974	203.566	5225.434
8/10/09	23:50:00	6185	11.638	10.417	205.036	5223.964	203.576	5225.424
8/10/09	23:55:00	6190	11.636	10.413	205.040	5223.960	203.580	5225.420
8/11/09	0:00:00	6195	11.632	10.410	205.048	5223.952	203.588	5225.412
8/11/09	0:05:00	6200	11.631	10.411	205.051	5223.949	203.591	5225.409
8/11/09	0:10:00	6205	11.626	10.413	205.063	5223.937	203.603	5225.397
8/11/09	0:15:00	6210	11.624	10.411	205.066	5223.934	203.606	5225.394
8/11/09	0:20:00	6215	11.623	10.415	205.070	5223.930	203.610	5225.390
8/11/09	0:25:00	6220	11.619	10.423	205.078	5223.922	203.618	5225.382
8/11/09	0:30:00	6225	11.617	10.421	205.083	5223.917	203.623	5225.377
8/11/09	0:35:00	6230	11.613	10.418	205.092	5223.908	203.632	5225.368
8/11/09	0:40:00	6235	11.612	10.417	205.095	5223.905	203.635	5225.365

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	0:45:00	6240	11.609	10.413	205.101	5223.899	203.641	5225.359
8/11/09	0:50:00	6245	11.602	10.416	205.117	5223.883	203.657	5225.343
8/11/09	0:55:00	6250	11.601	10.413	205.120	5223.880	203.660	5225.340
8/11/09	1:00:00	6255	11.597	10.409	205.129	5223.871	203.669	5225.331
8/11/09	1:05:00	6260	11.594	10.406	205.135	5223.865	203.675	5225.325
8/11/09	1:10:00	6265	11.592	10.407	205.141	5223.859	203.681	5225.319
8/11/09	1:15:00	6270	11.589	10.412	205.147	5223.853	203.687	5225.313
8/11/09	1:20:00	6275	11.586	10.408	205.154	5223.846	203.694	5225.306
8/11/09	1:25:00	6280	11.582	10.410	205.164	5223.836	203.704	5225.296
8/11/09	1:30:00	6285	11.578	10.412	205.172	5223.828	203.712	5225.288
8/11/09	1:35:00	6290	11.577	10.413	205.176	5223.824	203.716	5225.284
8/11/09	1:40:00	6295	11.572	10.416	205.188	5223.812	203.728	5225.272
8/11/09	1:45:00	6300	11.569	10.418	205.194	5223.806	203.734	5225.266
8/11/09	1:50:00	6305	11.567	10.415	205.199	5223.801	203.739	5225.261
8/11/09	1:55:00	6310	11.562	10.415	205.209	5223.791	203.749	5225.251
8/11/09	2:00:00	6315	11.559	10.418	205.218	5223.782	203.758	5225.242
8/11/09	2:05:00	6320	11.557	10.418	205.221	5223.779	203.761	5225.239
8/11/09	2:10:00	6325	11.552	10.421	205.233	5223.767	203.773	5225.227
8/11/09	2:15:00	6330	11.554	10.422	205.230	5223.770	203.770	5225.230
8/11/09	2:20:00	6335	11.548	10.417	205.242	5223.758	203.782	5225.218
8/11/09	2:25:00	6340	11.546	10.418	205.248	5223.752	203.788	5225.212
8/11/09	2:30:00	6345	11.543	10.419	205.255	5223.745	203.795	5225.205
8/11/09	2:35:00	6350	11.538	10.419	205.265	5223.735	203.805	5225.195
8/11/09	2:40:00	6355	11.537	10.417	205.268	5223.732	203.808	5225.192
8/11/09	2:45:00	6360	11.532	10.417	205.279	5223.721	203.819	5225.181
8/11/09	2:50:00	6365	11.534	10.420	205.276	5223.724	203.816	5225.184
8/11/09	2:55:00	6370	11.530	10.419	205.284	5223.716	203.824	5225.176
8/11/09	3:00:00	6375	11.528	10.417	205.288	5223.712	203.828	5225.172
8/11/09	3:05:00	6380	11.525	10.414	205.296	5223.704	203.836	5225.164
8/11/09	3:10:00	6385	11.521	10.411	205.305	5223.695	203.845	5225.155
8/11/09	3:15:00	6390	11.521	10.414	205.305	5223.695	203.845	5225.155
8/11/09	3:20:00	6395	11.520	10.421	205.306	5223.694	203.846	5225.154
8/11/09	3:25:00	6400	11.516	10.417	205.317	5223.683	203.857	5225.143
8/11/09	3:30:00	6405	11.516	10.418	205.316	5223.684	203.856	5225.144
8/11/09	3:35:00	6410	11.512	10.421	205.325	5223.675	203.865	5225.135
8/11/09	3:40:00	6415	11.508	10.420	205.335	5223.665	203.875	5225.125
8/11/09	3:45:00	6420	11.505	10.424	205.343	5223.657	203.883	5225.117
8/11/09	3:50:00	6425	11.503	10.420	205.346	5223.654	203.886	5225.114
8/11/09	3:55:00	6430	11.500	10.420	205.353	5223.647	203.893	5225.107
8/11/09	4:00:00	6435	11.494	10.418	205.367	5223.633	203.907	5225.093
8/11/09	4:05:00	6440	11.495	10.419	205.365	5223.635	203.905	5225.095
8/11/09	4:10:00	6445	11.488	10.415	205.381	5223.619	203.921	5225.079
8/11/09	4:15:00	6450	11.489	10.416	205.379	5223.621	203.919	5225.081
8/11/09	4:20:00	6455	11.484	10.413	205.391	5223.609	203.931	5225.069
8/11/09	4:25:00	6460	11.483	10.414	205.393	5223.607	203.933	5225.067
8/11/09	4:30:00	6465	11.481	10.418	205.397	5223.603	203.937	5225.063
8/11/09	4:35:00	6470	11.477	10.420	205.407	5223.593	203.947	5225.053
8/11/09	4:40:00	6475	11.474	10.417	205.413	5223.587	203.953	5225.047
8/11/09	4:45:00	6480	11.472	10.414	205.419	5223.581	203.959	5225.041
8/11/09	4:50:00	6485	11.469	10.409	205.426	5223.574	203.966	5225.034
8/11/09	4:55:00	6490	11.469	10.405	205.425	5223.575	203.965	5225.035
8/11/09	5:00:00	6495	11.464	10.403	205.437	5223.563	203.977	5225.023

Appendix B-4. UMW-3 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 106109 PSI	SN#: 106109 Temp - C	SN#: 106109 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected GW Elev
						5429.000 GW Elevation		
8/11/09	5:05:00	6500	11.463	10.412	205.439	5223.561	203.979	5225.021
8/11/09	5:10:00	6505	11.461	10.415	205.443	5223.557	203.983	5225.017
8/11/09	5:15:00	6510	11.459	10.415	205.448	5223.552	203.988	5225.012
8/11/09	5:20:00	6515	11.457	10.415	205.452	5223.548	203.992	5225.008
8/11/09	5:25:00	6520	11.458	10.416	205.451	5223.549	203.991	5225.009
8/11/09	5:30:00	6525	11.452	10.419	205.465	5223.535	204.005	5224.995
8/11/09	5:35:00	6530	11.450	10.418	205.468	5223.532	204.008	5224.992
8/11/09	5:40:00	6535	11.448	10.419	205.474	5223.526	204.014	5224.986
8/11/09	5:45:00	6540	11.444	10.416	205.483	5223.517	204.023	5224.977
8/11/09	5:50:00	6545	11.443	10.413	205.484	5223.516	204.024	5224.976
8/11/09	5:55:00	6550	11.440	10.411	205.491	5223.509	204.031	5224.969
8/11/09	6:00:00	6555	11.439	10.413	205.494	5223.506	204.034	5224.966
8/11/09	6:05:00	6560	11.435	10.418	205.503	5223.497	204.043	5224.957
8/11/09	6:10:00	6565	11.433	10.419	205.507	5223.493	204.047	5224.953
8/11/09	6:15:00	6570	11.427	10.419	205.523	5223.477	204.063	5224.937
8/11/09	6:20:00	6575	11.428	10.422	205.520	5223.480	204.060	5224.940
8/11/09	6:25:00	6580	11.425	10.420	205.526	5223.474	204.066	5224.934
8/11/09	6:30:00	6585	11.424	10.416	205.529	5223.471	204.069	5224.931
8/11/09	6:35:00	6590	11.422	10.418	205.534	5223.466	204.074	5224.926
8/11/09	6:40:00	6595	11.417	10.413	205.545	5223.455	204.085	5224.915
8/11/09	6:45:00	6600	11.416	10.413	205.548	5223.452	204.088	5224.912
8/11/09	6:50:00	6605	11.413	10.415	205.554	5223.446	204.094	5224.906
8/11/09	6:55:00	6610	11.405	10.415	205.572	5223.428	204.112	5224.888
8/11/09	7:00:00	6615	11.402	10.412	205.579	5223.421	204.119	5224.881
8/11/09	7:05:00	6620	11.396	10.414	205.593	5223.407	204.133	5224.867
8/11/09	7:10:00	6625	11.394	10.415	205.598	5223.402	204.138	5224.862
8/11/09	7:15:00	6630	11.390	10.414	205.607	5223.393	204.147	5224.853
8/11/09	7:20:00	6635	11.385	10.414	205.620	5223.380	204.160	5224.840
8/11/09	7:25:00	6640	11.379	10.413	205.632	5223.368	204.172	5224.828
8/11/09	7:30:00	6645	11.377	10.412	205.636	5223.364	204.176	5224.824
8/11/09	7:35:00	6650	11.373	10.411	205.647	5223.353	204.187	5224.813
8/11/09	7:40:00	6655	11.371	10.414	205.652	5223.348	204.192	5224.808
8/11/09	7:45:00	6660	11.362	10.415	205.671	5223.329	204.211	5224.789
8/11/09	7:50:00	6665	11.358	10.413	205.681	5223.319	204.221	5224.779
8/11/09	7:55:00	6670	11.357	10.416	205.684	5223.316	204.224	5224.776
8/11/09	8:00:00	6675	11.352	10.420	205.695	5223.305	204.235	5224.765
8/11/09	8:05:00	6680	11.350	10.417	205.699	5223.301	204.239	5224.761
8/11/09	8:10:00	6685	11.345	10.415	205.710	5223.290	204.250	5224.750
8/11/09	8:15:00	6690	11.343	10.414	205.717	5223.283	204.257	5224.743
8/11/09	8:20:00	6695	11.341	10.413	205.720	5223.280	204.260	5224.740
8/11/09	8:25:00	6700	11.338	10.421	205.727	5223.273	204.267	5224.733
8/11/09	8:30:00	6705	11.335	10.418	205.735	5223.265	204.275	5224.725
8/11/09	8:35:00	6710	11.329	10.415	205.748	5223.252	204.288	5224.712
8/11/09	8:40:00	6715	11.328	10.416	205.751	5223.249	204.291	5224.709
8/11/09	8:45:00	6720	11.325	10.417	205.757	5223.244	204.297	5224.704
8/11/09	8:50:00	6725	11.321	10.411	205.767	5223.233	204.307	5224.693
8/11/09	8:55:00	6730	11.317	10.419	205.776	5223.224	204.316	5224.684
8/11/09	9:00:00	6735	11.311	10.418	205.789	5223.211	204.329	5224.671
8/11/09	9:05:00	6740	11.310	10.418	205.793	5223.207	204.333	5224.667
8/11/09	9:10:00	6745	11.300	10.414	205.815	5223.185	204.355	5224.645
8/11/09	9:15:00	6750	11.293	10.417	205.832	5223.168	204.372	5224.628
8/11/09	9:20:00	6755	11.290	10.414	205.839	5223.161	204.379	5224.621