

**Appendix B-7. MW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date and Time	Elapsed Time Minutes	SN#: 112365 PSI	SN#: 112365 Temp - C	SN#: 112365 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
					5314.650 GW Elevation		
8/16/2009 17:10	874500	15.806	10.307	123.517	5191.133	123.517	5191.133
8/16/2009 17:15	874800	15.805	10.309	123.519	5191.131	123.519	5191.131
8/16/2009 17:20	875100	15.805	10.309	123.521	5191.129	123.521	5191.129
8/16/2009 17:25	875400	15.804	10.306	123.521	5191.129	123.521	5191.129
8/16/2009 17:30	875700	15.807	10.310	123.515	5191.135	123.515	5191.135
8/16/2009 17:35	876000	15.801	10.308	123.528	5191.122	123.528	5191.122
8/16/2009 17:40	876300	15.803	10.308	123.525	5191.125	123.525	5191.125
8/16/2009 17:45	876600	15.801	10.309	123.528	5191.122	123.528	5191.122
8/16/2009 17:50	876900	15.801	10.308	123.529	5191.121	123.529	5191.121
8/16/2009 17:55	877200	15.803	10.310	123.525	5191.125	123.525	5191.125
8/16/2009 18:00	877500	15.800	10.311	123.531	5191.119	123.531	5191.119
8/16/2009 18:05	877800	15.800	10.307	123.532	5191.118	123.532	5191.118
8/16/2009 18:10	878100	15.802	10.308	123.527	5191.123	123.527	5191.123
8/16/2009 18:15	878400	15.803	10.310	123.524	5191.126	123.524	5191.126
8/16/2009 18:20	878700	15.805	10.307	123.521	5191.129	123.521	5191.129
8/16/2009 18:25	879000	15.807	10.309	123.516	5191.134	123.516	5191.134
8/16/2009 18:30	879300	15.807	10.309	123.515	5191.135	123.515	5191.135
8/16/2009 18:35	879600	15.809	10.308	123.510	5191.140	123.510	5191.140
8/16/2009 18:40	879900	15.809	10.311	123.511	5191.139	123.511	5191.139
8/16/2009 18:45	880200	15.805	10.307	123.520	5191.130	123.520	5191.130
8/16/2009 18:50	880500	15.807	10.308	123.516	5191.134	123.516	5191.134
8/16/2009 18:55	880800	15.806	10.307	123.518	5191.132	123.518	5191.132
8/16/2009 19:00	881100	15.807	10.312	123.516	5191.134	123.516	5191.134
8/16/2009 19:05	881400	15.801	10.309	123.529	5191.121	123.529	5191.121
8/16/2009 19:10	881700	15.798	10.311	123.537	5191.113	123.537	5191.113
8/16/2009 19:15	882000	15.796	10.309	123.540	5191.110	123.540	5191.110
8/16/2009 19:20	882300	15.795	10.310	123.544	5191.106	123.544	5191.106
8/16/2009 19:25	882600	15.793	10.310	123.548	5191.102	123.548	5191.102
8/16/2009 19:30	882900	15.791	10.310	123.553	5191.097	123.553	5191.097
8/16/2009 19:35	883200	15.792	10.306	123.550	5191.100	123.550	5191.100
8/16/2009 19:40	883500	15.786	10.309	123.563	5191.087	123.563	5191.087
8/16/2009 19:45	883800	15.784	10.309	123.568	5191.082	123.568	5191.082
8/16/2009 19:50	884100	15.784	10.310	123.569	5191.081	123.569	5191.081
8/16/2009 19:55	884400	15.783	10.309	123.572	5191.078	123.572	5191.078
8/16/2009 20:00	884700	15.781	10.311	123.576	5191.074	123.576	5191.074
8/16/2009 20:05	885000	15.780	10.311	123.577	5191.073	123.577	5191.073
8/16/2009 20:10	885300	15.781	10.310	123.576	5191.074	123.576	5191.074
8/16/2009 20:15	885600	15.783	10.308	123.572	5191.078	123.572	5191.078
8/16/2009 20:20	885900	15.780	10.307	123.578	5191.072	123.578	5191.072
8/16/2009 20:25	886200	15.781	10.307	123.576	5191.074	123.576	5191.074
8/16/2009 20:30	886500	15.779	10.308	123.580	5191.070	123.580	5191.070
8/16/2009 20:35	886800	15.779	10.309	123.580	5191.070	123.580	5191.070
8/16/2009 20:40	887100	15.780	10.305	123.577	5191.073	123.577	5191.073
8/16/2009 20:45	887400	15.779	10.306	123.579	5191.071	123.579	5191.071
8/16/2009 20:50	887700	15.780	10.306	123.578	5191.072	123.578	5191.072
8/16/2009 20:55	888000	15.778	10.311	123.582	5191.068	123.582	5191.068
8/16/2009 21:00	888300	15.778	10.307	123.581	5191.069	123.581	5191.069
8/16/2009 21:05	888600	15.777	10.309	123.584	5191.066	123.584	5191.066
8/16/2009 21:10	888900	15.777	10.309	123.584	5191.066	123.584	5191.066
8/16/2009 21:15	889200	15.779	10.309	123.579	5191.071	123.579	5191.071
8/16/2009 21:20	889500	15.775	10.309	123.590	5191.060	123.590	5191.060
8/16/2009 21:25	889800	15.774	10.309	123.592	5191.058	123.592	5191.058
8/16/2009 21:30	890100	15.772	10.308	123.597	5191.053	123.597	5191.053
8/16/2009 21:35	890400	15.774	10.310	123.591	5191.059	123.591	5191.059
8/16/2009 21:40	890700	15.773	10.308	123.594	5191.056	123.594	5191.056

**Appendix B-7. MW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date and Time	Elapsed Time Minutes	SN#: 112365 PSI	SN#: 112365 Temp - C	SN#: 112365 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
					5314.650 GW Elevation		
8/16/2009 21:45	891000	15.770	10.309	123.600	5191.050	123.600	5191.050
8/16/2009 21:50	891300	15.769	10.308	123.602	5191.048	123.602	5191.048
8/16/2009 21:55	891600	15.768	10.309	123.606	5191.044	123.606	5191.044
8/16/2009 22:00	891900	15.766	10.307	123.610	5191.040	123.610	5191.040
8/16/2009 22:05	892200	15.770	10.308	123.601	5191.049	123.601	5191.049
8/16/2009 22:10	892500	15.768	10.307	123.606	5191.044	123.606	5191.044
8/16/2009 22:15	892800	15.765	10.309	123.613	5191.037	123.613	5191.037
8/16/2009 22:20	893100	15.764	10.309	123.615	5191.035	123.615	5191.035
8/16/2009 22:25	893400	15.768	10.307	123.606	5191.044	123.606	5191.044
8/16/2009 22:30	893700	15.762	10.309	123.620	5191.030	123.620	5191.030
8/16/2009 22:35	894000	15.762	10.308	123.620	5191.030	123.620	5191.030
8/16/2009 22:40	894300	15.762	10.308	123.618	5191.032	123.618	5191.032
8/16/2009 22:45	894600	15.762	10.308	123.619	5191.031	123.619	5191.031
8/16/2009 22:50	894900	15.763	10.306	123.618	5191.032	123.618	5191.032
8/16/2009 22:55	895200	15.761	10.308	123.621	5191.029	123.621	5191.029
8/16/2009 23:00	895500	15.761	10.308	123.622	5191.028	123.622	5191.028
8/16/2009 23:05	895800	15.760	10.308	123.623	5191.027	123.623	5191.027
8/16/2009 23:10	896100	15.760	10.311	123.624	5191.026	123.624	5191.026
8/16/2009 23:15	896400	15.760	10.305	123.624	5191.026	123.624	5191.026
8/16/2009 23:20	896700	15.759	10.309	123.626	5191.024	123.626	5191.024
8/16/2009 23:25	897000	15.758	10.310	123.628	5191.022	123.628	5191.022
8/16/2009 23:30	897300	15.761	10.307	123.621	5191.029	123.621	5191.029
8/16/2009 23:35	897600	15.761	10.306	123.622	5191.028	123.622	5191.028
8/16/2009 23:40	897900	15.758	10.306	123.630	5191.020	123.630	5191.020
8/16/2009 23:45	898200	15.758	10.308	123.628	5191.022	123.628	5191.022
8/16/2009 23:50	898500	15.757	10.308	123.630	5191.020	123.630	5191.020
8/16/2009 23:55	898800	15.756	10.311	123.632	5191.018	123.632	5191.018
8/17/2009 0:00	899100	15.756	10.309	123.633	5191.017	123.633	5191.017
8/17/2009 0:05	899400	15.755	10.310	123.634	5191.016	123.634	5191.016
8/17/2009 0:10	899700	15.755	10.310	123.635	5191.015	123.635	5191.015
8/17/2009 0:15	900000	15.754	10.309	123.637	5191.013	123.637	5191.013
8/17/2009 0:20	900300	15.754	10.306	123.637	5191.013	123.637	5191.013
8/17/2009 0:25	900600	15.754	10.310	123.637	5191.013	123.637	5191.013
8/17/2009 0:30	900900	15.753	10.310	123.640	5191.010	123.640	5191.010
8/17/2009 0:35	901200	15.754	10.309	123.637	5191.013	123.637	5191.013
8/17/2009 0:40	901500	15.753	10.307	123.640	5191.010	123.640	5191.010
8/17/2009 0:45	901800	15.752	10.310	123.643	5191.007	123.643	5191.007
8/17/2009 0:50	902100	15.752	10.307	123.642	5191.008	123.642	5191.008
8/17/2009 0:55	902400	15.752	10.309	123.643	5191.007	123.643	5191.007
8/17/2009 1:00	902700	15.752	10.308	123.643	5191.007	123.643	5191.007
8/17/2009 1:05	903000	15.752	10.307	123.643	5191.007	123.643	5191.007
8/17/2009 1:10	903300	15.752	10.308	123.642	5191.008	123.642	5191.008
8/17/2009 1:15	903600	15.755	10.306	123.636	5191.014	123.636	5191.014
8/17/2009 1:20	903900	15.757	10.308	123.631	5191.019	123.631	5191.019
8/17/2009 1:25	904200	15.756	10.309	123.632	5191.018	123.632	5191.018
8/17/2009 1:30	904500	15.759	10.309	123.626	5191.024	123.626	5191.024
8/17/2009 1:35	904800	15.756	10.310	123.632	5191.018	123.632	5191.018
8/17/2009 1:40	905100	15.757	10.307	123.630	5191.020	123.630	5191.020
8/17/2009 1:45	905400	15.761	10.306	123.621	5191.029	123.621	5191.029
8/17/2009 1:50	905700	15.759	10.309	123.626	5191.024	123.626	5191.024
8/17/2009 1:55	906000	15.762	10.311	123.618	5191.032	123.618	5191.032
8/17/2009 2:00	906300	15.763	10.308	123.616	5191.034	123.616	5191.034
8/17/2009 2:05	906600	15.761	10.310	123.621	5191.029	123.621	5191.029
8/17/2009 2:10	906900	15.759	10.312	123.625	5191.025	123.625	5191.025
8/17/2009 2:15	907200	15.760	10.311	123.623	5191.027	123.623	5191.027

**Appendix B-7. MW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date and Time	Elapsed Time Minutes	SN#: 112365 PSI	SN#: 112365 Temp - C	SN#: 112365 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
					5314.650 GW Elevation		
8/17/2009 2:20	907500	15.761	10.312	123.622	5191.028	123.622	5191.028
8/17/2009 2:25	907800	15.760	10.311	123.623	5191.027	123.623	5191.027
8/17/2009 2:30	908100	15.761	10.308	123.622	5191.028	123.622	5191.028
8/17/2009 2:35	908400	15.761	10.310	123.622	5191.028	123.622	5191.028
8/17/2009 2:40	908700	15.761	10.310	123.621	5191.029	123.621	5191.029
8/17/2009 2:45	909000	15.762	10.312	123.620	5191.030	123.620	5191.030
8/17/2009 2:50	909300	15.761	10.311	123.622	5191.028	123.622	5191.028
8/17/2009 2:55	909600	15.761	10.308	123.621	5191.029	123.621	5191.029
8/17/2009 3:00	909900	15.759	10.310	123.625	5191.025	123.625	5191.025
8/17/2009 3:05	910200	15.761	10.308	123.622	5191.028	123.622	5191.028
8/17/2009 3:10	910500	15.759	10.312	123.627	5191.023	123.627	5191.023
8/17/2009 3:15	910800	15.758	10.310	123.627	5191.023	123.627	5191.023
8/17/2009 3:20	911100	15.757	10.312	123.630	5191.020	123.630	5191.020
8/17/2009 3:25	911400	15.758	10.310	123.628	5191.022	123.628	5191.022
8/17/2009 3:30	911700	15.758	10.310	123.629	5191.021	123.629	5191.021
8/17/2009 3:35	912000	15.758	10.310	123.628	5191.022	123.628	5191.022
8/17/2009 3:40	912300	15.757	10.311	123.631	5191.019	123.631	5191.019
8/17/2009 3:45	912600	15.761	10.309	123.622	5191.028	123.622	5191.028
8/17/2009 3:50	912900	15.756	10.308	123.633	5191.017	123.633	5191.017
8/17/2009 3:55	913200	15.756	10.308	123.633	5191.017	123.633	5191.017
8/17/2009 4:00	913500	15.759	10.310	123.626	5191.024	123.626	5191.024
8/17/2009 4:05	913800	15.755	10.309	123.634	5191.016	123.634	5191.016
8/17/2009 4:10	914100	15.754	10.310	123.639	5191.011	123.639	5191.011
8/17/2009 4:15	914400	15.754	10.308	123.637	5191.013	123.637	5191.013
8/17/2009 4:20	914700	15.753	10.313	123.639	5191.011	123.639	5191.011
8/17/2009 4:25	915000	15.753	10.307	123.639	5191.011	123.639	5191.011
8/17/2009 4:30	915300	15.752	10.310	123.642	5191.008	123.642	5191.008
8/17/2009 4:35	915600	15.754	10.310	123.639	5191.011	123.639	5191.011
8/17/2009 4:40	915900	15.753	10.309	123.640	5191.010	123.640	5191.010
8/17/2009 4:45	916200	15.752	10.310	123.643	5191.007	123.643	5191.007
8/17/2009 4:50	916500	15.753	10.308	123.640	5191.010	123.640	5191.010
8/17/2009 4:55	916800	15.753	10.314	123.640	5191.010	123.640	5191.010
8/17/2009 5:00	917100	15.751	10.310	123.644	5191.006	123.644	5191.006
8/17/2009 5:05	917400	15.751	10.307	123.644	5191.006	123.644	5191.006
8/17/2009 5:10	917700	15.751	10.309	123.643	5191.007	123.643	5191.007
8/17/2009 5:15	918000	15.753	10.308	123.640	5191.010	123.640	5191.010
8/17/2009 5:20	918300	15.752	10.310	123.642	5191.008	123.642	5191.008
8/17/2009 5:25	918600	15.751	10.308	123.644	5191.006	123.644	5191.006
8/17/2009 5:30	918900	15.754	10.312	123.638	5191.012	123.638	5191.012
8/17/2009 5:35	919200	15.751	10.307	123.645	5191.005	123.645	5191.005
8/17/2009 5:40	919500	15.751	10.310	123.645	5191.005	123.645	5191.005
8/17/2009 5:45	919800	15.749	10.306	123.650	5191.000	123.650	5191.000
8/17/2009 5:50	920100	15.747	10.308	123.654	5190.996	123.654	5190.996
8/17/2009 5:55	920400	15.748	10.309	123.652	5190.998	123.652	5190.998
8/17/2009 6:00	920700	15.748	10.309	123.650	5191.000	123.650	5191.000
8/17/2009 6:05	921000	15.748	10.305	123.652	5190.998	123.652	5190.998
8/17/2009 6:10	921300	15.750	10.306	123.647	5191.003	123.647	5191.003
8/17/2009 6:15	921600	15.746	10.307	123.656	5190.994	123.656	5190.994
8/17/2009 6:20	921900	15.744	10.305	123.660	5190.990	123.660	5190.990
8/17/2009 6:25	922200	15.745	10.303	123.659	5190.991	123.659	5190.991
8/17/2009 6:30	922500	15.745	10.307	123.658	5190.992	123.658	5190.992
8/17/2009 6:35	922800	15.744	10.307	123.661	5190.989	123.661	5190.989
8/17/2009 6:40	923100	15.744	10.309	123.661	5190.989	123.661	5190.989
8/17/2009 6:45	923400	15.744	10.309	123.660	5190.990	123.660	5190.990
8/17/2009 6:50	923700	15.743	10.308	123.662	5190.988	123.662	5190.988

**Appendix B-7. MW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date and Time	Elapsed Time Minutes	SN#: 112365 PSI	SN#: 112365 Temp - C	SN#: 112365 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
					5314.650 GW Elevation		
8/17/2009 6:55	924000	15.743	10.305	123.662	5190.988	123.662	5190.988
8/17/2009 7:00	924300	15.741	10.304	123.667	5190.983	123.667	5190.983
8/17/2009 7:05	924600	15.741	10.308	123.667	5190.983	123.667	5190.983
8/17/2009 7:10	924900	15.740	10.307	123.671	5190.979	123.671	5190.979
8/17/2009 7:15	925200	15.740	10.304	123.669	5190.981	123.669	5190.981
8/17/2009 7:20	925500	15.739	10.307	123.672	5190.978	123.672	5190.978
8/17/2009 7:25	925800	15.739	10.307	123.672	5190.978	123.672	5190.978
8/17/2009 7:30	926100	15.739	10.307	123.673	5190.977	123.673	5190.977
8/17/2009 7:35	926400	15.739	10.306	123.673	5190.977	123.673	5190.977
8/17/2009 7:40	926700	15.737	10.307	123.677	5190.973	123.677	5190.973
8/17/2009 7:45	927000	15.737	10.303	123.678	5190.972	123.678	5190.972
8/17/2009 7:50	927300	15.737	10.306	123.678	5190.972	123.678	5190.972
8/17/2009 7:55	927600	15.736	10.308	123.680	5190.970	123.680	5190.970
8/17/2009 8:00	927900	15.736	10.307	123.680	5190.970	123.680	5190.970
8/17/2009 8:05	928200	15.736	10.307	123.679	5190.971	123.679	5190.971
8/17/2009 8:10	928500	15.734	10.305	123.683	5190.967	123.683	5190.967
8/17/2009 8:15	928800	15.733	10.305	123.686	5190.964	123.686	5190.964
8/17/2009 8:20	929100	15.733	10.307	123.686	5190.964	123.686	5190.964
8/17/2009 8:25	929400	15.733	10.309	123.686	5190.964	123.686	5190.964
8/17/2009 8:30	929700	15.733	10.304	123.687	5190.963	123.687	5190.963
8/17/2009 8:35	930000	15.733	10.308	123.686	5190.964	123.686	5190.964
8/17/2009 8:40	930300	15.731	10.307	123.690	5190.960	123.690	5190.960
8/17/2009 8:45	930600	15.731	10.304	123.691	5190.959	123.691	5190.959
8/17/2009 8:50	930900	15.731	10.307	123.692	5190.958	123.692	5190.958
8/17/2009 8:55	931200	15.730	10.308	123.694	5190.956	123.694	5190.956
8/17/2009 9:00	931500	15.730	10.310	123.694	5190.956	123.694	5190.956
8/17/2009 9:05	931800	15.734	10.311	123.684	5190.966	123.684	5190.966
8/17/2009 9:10	932100	15.729	10.308	123.696	5190.954	123.696	5190.954
8/17/2009 9:15	932400	15.729	10.308	123.697	5190.953	123.697	5190.953
8/17/2009 9:20	932700	15.728	10.310	123.699	5190.951	123.699	5190.951
8/17/2009 9:25	933000	15.728	10.306	123.697	5190.953	123.697	5190.953
8/17/2009 9:30	933300	15.728	10.310	123.699	5190.951	123.699	5190.951
8/17/2009 9:35	933600	15.727	10.310	123.699	5190.951	123.699	5190.951

APPENDIX B-8  
UMW-2 WATER LEVEL DATA

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	TOC Elev				Corrected DTW	Corrected Elev
			SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	5315.300 GW Elevation		
8/6/09	13:45:00	0	15.402	10.334	124.762	5190.538	124.762	5190.538
8/6/09	13:50:00	5	15.401	10.331	124.764	5190.536	124.764	5190.536
8/6/09	13:55:00	10	15.399	10.329	124.769	5190.531	124.769	5190.531
8/6/09	14:00:00	15	15.397	10.327	124.772	5190.528	124.772	5190.528
8/6/09	14:05:00	20	15.397	10.326	124.773	5190.527	124.773	5190.527
8/6/09	14:10:00	25	15.394	10.326	124.779	5190.521	124.779	5190.521
8/6/09	14:15:00	30	15.392	10.328	124.785	5190.515	124.785	5190.515
8/6/09	14:20:00	35	15.393	10.325	124.782	5190.518	124.782	5190.518
8/6/09	14:25:00	40	15.391	10.327	124.787	5190.513	124.787	5190.513
8/6/09	14:30:00	45	15.396	10.325	124.776	5190.524	124.776	5190.524
8/6/09	14:35:00	50	15.391	10.322	124.787	5190.513	124.787	5190.513
8/6/09	14:40:00	55	15.390	10.326	124.790	5190.510	124.790	5190.510
8/6/09	14:45:00	60	15.389	10.326	124.791	5190.509	124.791	5190.509
8/6/09	14:50:00	65	15.388	10.328	124.794	5190.506	124.794	5190.506
8/6/09	14:55:00	70	15.387	10.326	124.796	5190.504	124.796	5190.504
8/6/09	15:00:00	75	15.388	10.323	124.795	5190.505	124.795	5190.505
8/6/09	15:05:00	80	15.390	10.324	124.790	5190.510	124.790	5190.510
8/6/09	15:10:00	85	15.387	10.318	124.796	5190.504	124.796	5190.504
8/6/09	15:15:00	90	15.387	10.320	124.796	5190.504	124.796	5190.504
8/6/09	15:20:00	95	15.384	10.319	124.802	5190.498	124.802	5190.498
8/6/09	15:25:00	100	15.385	10.325	124.800	5190.500	124.800	5190.500
8/6/09	15:30:00	105	15.386	10.324	124.798	5190.502	124.798	5190.502
8/6/09	15:35:00	110	15.383	10.324	124.806	5190.494	124.806	5190.494
8/6/09	15:40:00	115	15.382	10.324	124.809	5190.491	124.809	5190.491
8/6/09	15:45:00	120	15.383	10.323	124.804	5190.496	124.804	5190.496
8/6/09	15:50:00	125	15.382	10.323	124.807	5190.493	124.807	5190.493
8/6/09	15:55:00	130	15.383	10.324	124.806	5190.494	124.806	5190.494
8/6/09	16:00:00	135	15.381	10.324	124.809	5190.491	124.809	5190.491
8/6/09	16:05:00	140	15.380	10.321	124.813	5190.487	124.813	5190.487
8/6/09	16:10:00	145	15.382	10.323	124.807	5190.493	124.807	5190.493
8/6/09	16:15:00	150	15.380	10.321	124.812	5190.488	124.812	5190.488
8/6/09	16:20:00	155	15.382	10.321	124.808	5190.492	124.808	5190.492
8/6/09	16:25:00	160	15.378	10.324	124.817	5190.483	124.817	5190.483
8/6/09	16:30:00	165	15.380	10.321	124.812	5190.488	124.812	5190.488
8/6/09	16:35:00	170	15.380	10.321	124.811	5190.489	124.811	5190.489
8/6/09	16:40:00	175	15.380	10.323	124.811	5190.489	124.811	5190.489
8/6/09	16:45:00	180	15.381	10.324	124.810	5190.490	124.810	5190.490
8/6/09	16:50:00	185	15.379	10.324	124.815	5190.485	124.815	5190.485
8/6/09	16:55:00	190	15.379	10.323	124.814	5190.486	124.814	5190.486
8/6/09	17:00:00	195	15.380	10.321	124.813	5190.487	124.813	5190.487
8/6/09	17:05:00	200	15.379	10.318	124.813	5190.487	124.813	5190.487
8/6/09	17:10:00	205	15.389	10.323	124.792	5190.508	124.792	5190.508
8/6/09	17:15:00	210	15.381	10.320	124.811	5190.489	124.811	5190.489
8/6/09	17:20:00	215	15.380	10.325	124.811	5190.489	124.811	5190.489
8/6/09	17:25:00	220	15.380	10.326	124.812	5190.488	124.812	5190.488
8/6/09	17:30:00	225	15.382	10.325	124.808	5190.492	124.808	5190.492
8/6/09	17:35:00	230	15.382	10.326	124.808	5190.492	124.808	5190.492
8/6/09	17:40:00	235	15.380	10.326	124.812	5190.488	124.812	5190.488
8/6/09	17:45:00	240	15.382	10.322	124.808	5190.492	124.808	5190.492
8/6/09	17:50:00	245	15.382	10.321	124.808	5190.492	124.808	5190.492
8/6/09	17:55:00	250	15.380	10.325	124.811	5190.489	124.811	5190.489
8/6/09	18:00:00	255	15.381	10.324	124.810	5190.490	124.810	5190.490
8/6/09	18:05:00	260	15.382	10.322	124.807	5190.493	124.807	5190.493
8/6/09	18:10:00	265	15.383	10.322	124.805	5190.495	124.805	5190.495
8/6/09	18:15:00	270	15.383	10.321	124.805	5190.495	124.805	5190.495
8/6/09	18:20:00	275	15.384	10.320	124.804	5190.496	124.804	5190.496

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/6/09	18:25:00	280	15.383	10.324	124.804	5190.496	124.804	5190.496
8/6/09	18:30:00	285	15.386	10.326	124.799	5190.501	124.799	5190.501
8/6/09	18:35:00	290	15.387	10.321	124.797	5190.503	124.797	5190.503
8/6/09	18:40:00	295	15.386	10.327	124.798	5190.502	124.798	5190.502
8/6/09	18:45:00	300	15.387	10.322	124.795	5190.505	124.795	5190.505
8/6/09	18:50:00	305	15.384	10.323	124.802	5190.498	124.802	5190.498
8/6/09	18:55:00	310	15.386	10.325	124.799	5190.501	124.799	5190.501
8/6/09	19:00:00	315	15.387	10.322	124.797	5190.503	124.797	5190.503
8/6/09	19:05:00	320	15.390	10.324	124.789	5190.511	124.789	5190.511
8/6/09	19:10:00	325	15.389	10.321	124.790	5190.510	124.790	5190.510
8/6/09	19:15:00	330	15.388	10.324	124.793	5190.507	124.793	5190.507
8/6/09	19:20:00	335	15.389	10.325	124.792	5190.508	124.792	5190.508
8/6/09	19:25:00	340	15.390	10.321	124.789	5190.511	124.789	5190.511
8/6/09	19:30:00	345	15.391	10.324	124.788	5190.512	124.788	5190.512
8/6/09	19:35:00	350	15.393	10.322	124.783	5190.517	124.783	5190.517
8/6/09	19:40:00	355	15.391	10.324	124.787	5190.513	124.787	5190.513
8/6/09	19:45:00	360	15.391	10.327	124.788	5190.512	124.788	5190.512
8/6/09	19:50:00	365	15.394	10.326	124.781	5190.519	124.781	5190.519
8/6/09	19:55:00	370	15.394	10.326	124.780	5190.520	124.780	5190.520
8/6/09	20:00:00	375	15.393	10.323	124.782	5190.518	124.782	5190.518
8/6/09	20:05:00	380	15.394	10.321	124.779	5190.521	124.779	5190.521
8/6/09	20:10:00	385	15.393	10.326	124.781	5190.519	124.781	5190.519
8/6/09	20:15:00	390	15.394	10.325	124.780	5190.520	124.780	5190.520
8/6/09	20:20:00	395	15.394	10.320	124.779	5190.521	124.779	5190.521
8/6/09	20:25:00	400	15.395	10.322	124.776	5190.524	124.776	5190.524
8/6/09	20:30:00	405	15.396	10.322	124.775	5190.525	124.775	5190.525
8/6/09	20:35:00	410	15.396	10.323	124.776	5190.524	124.776	5190.524
8/6/09	20:40:00	415	15.396	10.323	124.774	5190.526	124.774	5190.526
8/6/09	20:45:00	420	15.397	10.322	124.773	5190.527	124.773	5190.527
8/6/09	20:50:00	425	15.397	10.322	124.774	5190.526	124.774	5190.526
8/6/09	20:55:00	430	15.397	10.323	124.773	5190.527	124.773	5190.527
8/6/09	21:00:00	435	15.398	10.320	124.770	5190.530	124.770	5190.530
8/6/09	21:05:00	440	15.398	10.325	124.771	5190.529	124.771	5190.529
8/6/09	21:10:00	445	15.398	10.318	124.770	5190.530	124.770	5190.530
8/6/09	21:15:00	450	15.400	10.320	124.767	5190.533	124.767	5190.533
8/6/09	21:20:00	455	15.399	10.320	124.769	5190.531	124.769	5190.531
8/6/09	21:25:00	460	15.398	10.324	124.772	5190.528	124.772	5190.528
8/6/09	21:30:00	465	15.400	10.323	124.765	5190.535	124.765	5190.535
8/6/09	21:35:00	470	15.399	10.322	124.769	5190.531	124.769	5190.531
8/6/09	21:40:00	475	15.398	10.323	124.771	5190.529	124.771	5190.529
8/6/09	21:45:00	480	15.398	10.323	124.770	5190.530	124.770	5190.530
8/6/09	21:50:00	485	15.400	10.322	124.766	5190.534	124.766	5190.534
8/6/09	21:55:00	490	15.403	10.325	124.758	5190.542	124.758	5190.542
8/6/09	22:00:00	495	15.401	10.323	124.763	5190.537	124.763	5190.537
8/6/09	22:05:00	500	15.403	10.321	124.759	5190.541	124.759	5190.541
8/6/09	22:10:00	505	15.401	10.318	124.763	5190.537	124.763	5190.537
8/6/09	22:15:00	510	15.402	10.320	124.761	5190.539	124.761	5190.539
8/6/09	22:20:00	515	15.402	10.319	124.761	5190.539	124.761	5190.539
8/6/09	22:25:00	520	15.404	10.319	124.758	5190.542	124.758	5190.542
8/6/09	22:30:00	525	15.403	10.321	124.758	5190.542	124.758	5190.542
8/6/09	22:35:00	530	15.404	10.322	124.756	5190.544	124.756	5190.544
8/6/09	22:40:00	535	15.403	10.321	124.759	5190.541	124.759	5190.541
8/6/09	22:45:00	540	15.404	10.322	124.756	5190.544	124.756	5190.544
8/6/09	22:50:00	545	15.405	10.325	124.754	5190.546	124.754	5190.546
8/6/09	22:55:00	550	15.404	10.323	124.758	5190.542	124.758	5190.542
8/6/09	23:00:00	555	15.404	10.324	124.758	5190.542	124.758	5190.542

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097			TOC Elev		Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.300 GW Elevation			
8/6/09	23:05:00	560	15.404	10.323	124.756	5190.544	124.756	5190.544	
8/6/09	23:10:00	565	15.404	10.323	124.756	5190.544	124.756	5190.544	
8/6/09	23:15:00	570	15.405	10.321	124.754	5190.546	124.754	5190.546	
8/6/09	23:20:00	575	15.406	10.323	124.751	5190.549	124.751	5190.549	
8/6/09	23:25:00	580	15.407	10.319	124.750	5190.550	124.750	5190.550	
8/6/09	23:30:00	585	15.409	10.321	124.745	5190.555	124.745	5190.555	
8/6/09	23:35:00	590	15.406	10.323	124.752	5190.548	124.752	5190.548	
8/6/09	23:40:00	595	15.406	10.323	124.751	5190.549	124.751	5190.549	
8/6/09	23:45:00	600	15.407	10.321	124.750	5190.550	124.750	5190.550	
8/6/09	23:50:00	605	15.406	10.322	124.751	5190.549	124.751	5190.549	
8/6/09	23:55:00	610	15.407	10.323	124.750	5190.550	124.750	5190.550	
8/7/09	0:00:00	615	15.406	10.321	124.753	5190.547	124.753	5190.547	
8/7/09	0:05:00	620	15.408	10.321	124.748	5190.552	124.748	5190.552	
8/7/09	0:10:00	625	15.408	10.321	124.748	5190.552	124.748	5190.552	
8/7/09	0:15:00	630	15.407	10.319	124.750	5190.550	124.750	5190.550	
8/7/09	0:20:00	635	15.407	10.323	124.749	5190.551	124.749	5190.551	
8/7/09	0:25:00	640	15.407	10.322	124.750	5190.550	124.750	5190.550	
8/7/09	0:30:00	645	15.407	10.319	124.750	5190.550	124.750	5190.550	
8/7/09	0:35:00	650	15.408	10.316	124.748	5190.552	124.748	5190.552	
8/7/09	0:40:00	655	15.407	10.318	124.751	5190.549	124.751	5190.549	
8/7/09	0:45:00	660	15.408	10.318	124.748	5190.552	124.748	5190.552	
8/7/09	0:50:00	665	15.408	10.321	124.749	5190.551	124.749	5190.551	
8/7/09	0:55:00	670	15.409	10.320	124.746	5190.554	124.746	5190.554	
8/7/09	1:00:00	675	15.408	10.320	124.747	5190.553	124.747	5190.553	
8/7/09	1:05:00	680	15.409	10.320	124.745	5190.555	124.745	5190.555	
8/7/09	1:10:00	685	15.409	10.322	124.745	5190.555	124.745	5190.555	
8/7/09	1:15:00	690	15.408	10.323	124.748	5190.552	124.748	5190.552	
8/7/09	1:20:00	695	15.410	10.321	124.742	5190.558	124.742	5190.558	
8/7/09	1:25:00	700	15.410	10.321	124.743	5190.557	124.743	5190.557	
8/7/09	1:30:00	705	15.411	10.323	124.741	5190.559	124.741	5190.559	
8/7/09	1:35:00	710	15.409	10.319	124.746	5190.554	124.746	5190.554	
8/7/09	1:40:00	715	15.411	10.322	124.741	5190.559	124.741	5190.559	
8/7/09	1:45:00	720	15.409	10.321	124.744	5190.556	124.744	5190.556	
8/7/09	1:50:00	725	15.411	10.320	124.742	5190.558	124.742	5190.558	
8/7/09	1:55:00	730	15.410	10.322	124.743	5190.557	124.743	5190.557	
8/7/09	2:00:00	735	15.410	10.325	124.743	5190.557	124.743	5190.557	
8/7/09	2:05:00	740	15.411	10.321	124.741	5190.559	124.741	5190.559	
8/7/09	2:10:00	745	15.411	10.326	124.740	5190.560	124.740	5190.560	
8/7/09	2:15:00	750	15.411	10.323	124.740	5190.560	124.740	5190.560	
8/7/09	2:20:00	755	15.411	10.324	124.741	5190.559	124.741	5190.559	
8/7/09	2:25:00	760	15.412	10.325	124.738	5190.562	124.738	5190.562	
8/7/09	2:30:00	765	15.410	10.327	124.744	5190.556	124.744	5190.556	
8/7/09	2:35:00	770	15.411	10.323	124.740	5190.560	124.740	5190.560	
8/7/09	2:40:00	775	15.412	10.327	124.737	5190.563	124.737	5190.563	
8/7/09	2:45:00	780	15.412	10.327	124.738	5190.562	124.738	5190.562	
8/7/09	2:50:00	785	15.407	10.326	124.749	5190.551	124.749	5190.551	
8/7/09	2:55:00	790	15.412	10.328	124.738	5190.562	124.738	5190.562	
8/7/09	3:00:00	795	15.411	10.327	124.740	5190.560	124.740	5190.560	
8/7/09	3:05:00	800	15.412	10.326	124.738	5190.562	124.738	5190.562	
8/7/09	3:10:00	805	15.411	10.323	124.740	5190.560	124.740	5190.560	
8/7/09	3:15:00	810	15.411	10.324	124.741	5190.559	124.741	5190.559	
8/7/09	3:20:00	815	15.412	10.322	124.739	5190.561	124.739	5190.561	
8/7/09	3:25:00	820	15.412	10.320	124.739	5190.561	124.739	5190.561	
8/7/09	3:30:00	825	15.410	10.322	124.742	5190.558	124.742	5190.558	
8/7/09	3:35:00	830	15.411	10.321	124.740	5190.560	124.740	5190.560	
8/7/09	3:40:00	835	15.412	10.325	124.739	5190.561	124.739	5190.561	



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/7/09	3:45:00	840	15.412	10.324	124.738	5190.562	124.738	5190.562
8/7/09	3:50:00	845	15.412	10.324	124.738	5190.562	124.738	5190.562
8/7/09	3:55:00	850	15.412	10.324	124.738	5190.562	124.738	5190.562
8/7/09	4:00:00	855	15.412	10.322	124.739	5190.561	124.739	5190.561
8/7/09	4:05:00	860	15.412	10.320	124.738	5190.562	124.738	5190.562
8/7/09	4:10:00	865	15.412	10.322	124.739	5190.561	124.739	5190.561
8/7/09	4:15:00	870	15.412	10.321	124.737	5190.563	124.737	5190.563
8/7/09	4:20:00	875	15.413	10.322	124.735	5190.565	124.735	5190.565
8/7/09	4:25:00	880	15.413	10.323	124.735	5190.565	124.735	5190.565
8/7/09	4:30:00	885	15.412	10.320	124.738	5190.562	124.738	5190.562
8/7/09	4:35:00	890	15.413	10.321	124.736	5190.564	124.736	5190.564
8/7/09	4:40:00	895	15.413	10.324	124.735	5190.565	124.735	5190.565
8/7/09	4:45:00	900	15.413	10.326	124.737	5190.563	124.737	5190.563
8/7/09	4:50:00	905	15.413	10.324	124.735	5190.565	124.735	5190.565
8/7/09	4:55:00	910	15.414	10.323	124.734	5190.566	124.734	5190.566
8/7/09	5:00:00	915	15.413	10.324	124.735	5190.565	124.735	5190.565
8/7/09	5:05:00	920	15.415	10.321	124.731	5190.569	124.731	5190.569
8/7/09	5:10:00	925	15.415	10.323	124.732	5190.568	124.732	5190.568
8/7/09	5:15:00	930	15.416	10.327	124.729	5190.571	124.729	5190.571
8/7/09	5:20:00	935	15.415	10.322	124.732	5190.568	124.732	5190.568
8/7/09	5:25:00	940	15.417	10.323	124.727	5190.573	124.727	5190.573
8/7/09	5:30:00	945	15.416	10.320	124.728	5190.572	124.728	5190.572
8/7/09	5:35:00	950	15.416	10.319	124.729	5190.571	124.729	5190.571
8/7/09	5:40:00	955	15.416	10.325	124.730	5190.570	124.730	5190.570
8/7/09	5:45:00	960	15.417	10.321	124.727	5190.573	124.727	5190.573
8/7/09	5:50:00	965	15.416	10.320	124.730	5190.570	124.730	5190.570
8/7/09	5:55:00	970	15.417	10.324	124.726	5190.574	124.726	5190.574
8/7/09	6:00:00	975	15.417	10.324	124.726	5190.574	124.726	5190.574
8/7/09	6:05:00	980	15.418	10.325	124.724	5190.576	124.724	5190.576
8/7/09	6:10:00	985	15.418	10.328	124.724	5190.576	124.724	5190.576
8/7/09	6:15:00	990	15.416	10.325	124.728	5190.572	124.728	5190.572
8/7/09	6:20:00	995	15.416	10.326	124.728	5190.572	124.728	5190.572
8/7/09	6:25:00	1000	15.418	10.323	124.725	5190.575	124.725	5190.575
8/7/09	6:30:00	1005	15.418	10.321	124.724	5190.576	124.724	5190.576
8/7/09	6:35:00	1010	15.418	10.322	124.725	5190.575	124.725	5190.575
8/7/09	6:40:00	1015	15.418	10.324	124.725	5190.575	124.725	5190.575
8/7/09	6:45:00	1020	15.417	10.321	124.726	5190.574	124.726	5190.574
8/7/09	6:50:00	1025	15.418	10.324	124.724	5190.576	124.724	5190.576
8/7/09	6:55:00	1030	15.418	10.320	124.725	5190.575	124.725	5190.575
8/7/09	7:00:00	1035	15.418	10.323	124.724	5190.576	124.724	5190.576
8/7/09	7:05:00	1040	15.418	10.323	124.724	5190.576	124.724	5190.576
8/7/09	7:10:00	1045	15.417	10.325	124.726	5190.574	124.726	5190.574
8/7/09	7:15:00	1050	15.417	10.325	124.727	5190.573	124.727	5190.573
8/7/09	7:20:00	1055	15.418	10.324	124.724	5190.576	124.724	5190.576
8/7/09	7:25:00	1060	15.418	10.322	124.724	5190.576	124.724	5190.576
8/7/09	7:30:00	1065	15.417	10.323	124.726	5190.574	124.726	5190.574
8/7/09	7:35:00	1070	15.419	10.323	124.722	5190.578	124.722	5190.578
8/7/09	7:40:00	1075	15.418	10.321	124.724	5190.576	124.724	5190.576
8/7/09	7:45:00	1080	15.419	10.321	124.722	5190.578	124.722	5190.578
8/7/09	7:50:00	1085	15.418	10.321	124.724	5190.576	124.724	5190.576
8/7/09	7:55:00	1090	15.419	10.326	124.722	5190.578	124.722	5190.578
8/7/09	8:00:00	1095	15.419	10.325	124.722	5190.578	124.722	5190.578
8/7/09	8:05:00	1100	15.420	10.323	124.720	5190.580	124.720	5190.580
8/7/09	8:10:00	1105	15.419	10.324	124.722	5190.578	124.722	5190.578
8/7/09	8:15:00	1110	15.417	10.323	124.727	5190.573	124.727	5190.573
8/7/09	8:20:00	1115	15.418	10.324	124.725	5190.575	124.725	5190.575

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/7/09	8:25:00	1120	15.420	10.325	124.719	5190.581	124.719	5190.581
8/7/09	8:30:00	1125	15.418	10.323	124.724	5190.576	124.724	5190.576
8/7/09	8:35:00	1130	15.419	10.323	124.723	5190.577	124.723	5190.577
8/7/09	8:40:00	1135	15.419	10.323	124.723	5190.577	124.723	5190.577
8/7/09	8:45:00	1140	15.418	10.323	124.724	5190.576	124.724	5190.576
8/7/09	8:50:00	1145	15.419	10.322	124.722	5190.578	124.722	5190.578
8/7/09	8:55:00	1150	15.418	10.324	124.724	5190.576	124.724	5190.576
8/7/09	9:00:00	1155	15.418	10.323	124.724	5190.576	124.724	5190.576
8/7/09	9:05:00	1160	15.418	10.322	124.724	5190.576	124.724	5190.576
8/7/09	9:10:00	1165	15.418	10.320	124.725	5190.575	124.725	5190.575
8/7/09	9:15:00	1170	15.417	10.321	124.727	5190.573	124.727	5190.573
8/7/09	9:20:00	1175	15.419	10.320	124.721	5190.579	124.721	5190.579
8/7/09	9:25:00	1180	15.418	10.324	124.724	5190.576	124.724	5190.576
8/7/09	9:30:00	1185	15.420	10.319	124.719	5190.581	124.719	5190.581
8/7/09	9:35:00	1190	15.418	10.325	124.724	5190.576	124.724	5190.576
8/7/09	9:40:00	1195	15.418	10.321	124.723	5190.577	124.723	5190.577
8/7/09	9:45:00	1200	15.417	10.322	124.727	5190.573	124.727	5190.573
8/7/09	9:50:00	1205	15.418	10.322	124.725	5190.575	124.725	5190.575
8/7/09	9:55:00	1210	15.418	10.322	124.723	5190.577	124.723	5190.577
8/7/09	10:00:00	1215	15.419	10.324	124.722	5190.578	124.722	5190.578
8/7/09	10:05:00	1220	15.417	10.325	124.726	5190.574	124.726	5190.574
8/7/09	10:10:00	1225	15.418	10.322	124.724	5190.576	124.724	5190.576
8/7/09	10:15:00	1230	15.417	10.321	124.727	5190.573	124.727	5190.573
8/7/09	10:20:00	1235	15.417	10.320	124.726	5190.574	124.726	5190.574
8/7/09	10:25:00	1240	15.416	10.320	124.730	5190.570	124.730	5190.570
8/7/09	10:30:00	1245	15.417	10.323	124.727	5190.573	124.727	5190.573
8/7/09	10:35:00	1250	15.417	10.324	124.728	5190.572	124.728	5190.572
8/7/09	10:40:00	1255	15.418	10.321	124.725	5190.575	124.725	5190.575
8/7/09	10:45:00	1260	15.416	10.320	124.729	5190.571	124.729	5190.571
8/7/09	10:50:00	1265	15.416	10.322	124.728	5190.572	124.728	5190.572
8/7/09	10:55:00	1270	15.416	10.322	124.730	5190.570	124.730	5190.570
8/7/09	11:00:00	1275	15.416	10.318	124.729	5190.571	124.729	5190.571
8/7/09	11:05:00	1280	15.416	10.320	124.729	5190.571	124.729	5190.571
8/7/09	11:10:00	1285	15.417	10.322	124.727	5190.573	124.727	5190.573
8/7/09	11:15:00	1290	15.415	10.322	124.731	5190.569	124.731	5190.569
8/7/09	11:20:00	1295	15.415	10.321	124.731	5190.569	124.731	5190.569
8/7/09	11:25:00	1300	15.416	10.325	124.730	5190.570	124.730	5190.570
8/7/09	11:30:00	1305	15.414	10.320	124.733	5190.567	124.733	5190.567
8/7/09	11:35:00	1310	15.415	10.318	124.733	5190.567	124.733	5190.567
8/7/09	11:40:00	1315	15.415	10.323	124.732	5190.568	124.732	5190.568
8/7/09	11:45:00	1320	15.414	10.321	124.735	5190.565	124.735	5190.565
8/7/09	11:50:00	1325	15.413	10.326	124.736	5190.564	124.736	5190.564
8/7/09	11:55:00	1330	15.414	10.323	124.734	5190.566	124.734	5190.566
8/7/09	12:00:00	1335	15.413	10.324	124.737	5190.563	124.737	5190.563
8/7/09	12:05:00	1340	15.412	10.323	124.737	5190.563	124.737	5190.563
8/7/09	12:10:00	1345	15.413	10.321	124.735	5190.565	124.735	5190.565
8/7/09	12:15:00	1350	15.412	10.323	124.738	5190.562	124.738	5190.562
8/7/09	12:20:00	1355	15.414	10.322	124.734	5190.566	124.734	5190.566
8/7/09	12:25:00	1360	15.412	10.323	124.738	5190.562	124.738	5190.562
8/7/09	12:30:00	1365	15.413	10.321	124.737	5190.563	124.737	5190.563
8/7/09	12:35:00	1370	15.413	10.323	124.735	5190.565	124.735	5190.565
8/7/09	12:40:00	1375	15.413	10.323	124.737	5190.563	124.737	5190.563
8/7/09	12:45:00	1380	15.412	10.321	124.737	5190.563	124.737	5190.563
8/7/09	12:50:00	1385	15.412	10.321	124.738	5190.562	124.738	5190.562
8/7/09	12:55:00	1390	15.412	10.322	124.739	5190.561	124.739	5190.561
8/7/09	13:00:00	1395	15.411	10.320	124.741	5190.559	124.741	5190.559

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/7/09	13:05:00	1400	15.412	10.321	124.739	5190.561	124.739	5190.561
8/7/09	13:10:00	1405	15.411	10.322	124.740	5190.560	124.740	5190.560
8/7/09	13:15:00	1410	15.413	10.322	124.736	5190.564	124.736	5190.564
8/7/09	13:20:00	1415	15.411	10.322	124.741	5190.559	124.741	5190.559
8/7/09	13:25:00	1420	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	13:30:00	1425	15.411	10.323	124.740	5190.560	124.740	5190.560
8/7/09	13:35:00	1430	15.411	10.319	124.740	5190.560	124.740	5190.560
8/7/09	13:40:00	1435	15.413	10.322	124.735	5190.565	124.735	5190.565
8/7/09	13:45:00	1440	15.413	10.320	124.736	5190.564	124.736	5190.564
8/7/09	13:50:00	1445	15.410	10.322	124.743	5190.557	124.743	5190.557
8/7/09	13:55:00	1450	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	14:00:00	1455	15.411	10.322	124.741	5190.559	124.741	5190.559
8/7/09	14:05:00	1460	15.411	10.320	124.741	5190.559	124.741	5190.559
8/7/09	14:10:00	1465	15.410	10.321	124.742	5190.558	124.742	5190.558
8/7/09	14:15:00	1470	15.412	10.323	124.738	5190.562	124.738	5190.562
8/7/09	14:20:00	1475	15.411	10.323	124.740	5190.560	124.740	5190.560
8/7/09	14:25:00	1480	15.411	10.321	124.741	5190.559	124.741	5190.559
8/7/09	14:30:00	1485	15.410	10.321	124.743	5190.557	124.743	5190.557
8/7/09	14:35:00	1490	15.413	10.319	124.736	5190.564	124.736	5190.564
8/7/09	14:40:00	1495	15.409	10.320	124.745	5190.555	124.745	5190.555
8/7/09	14:45:00	1500	15.412	10.321	124.738	5190.562	124.738	5190.562
8/7/09	14:50:00	1505	15.411	10.321	124.740	5190.560	124.740	5190.560
8/7/09	14:55:00	1510	15.413	10.320	124.737	5190.563	124.737	5190.563
8/7/09	15:00:00	1515	15.409	10.323	124.744	5190.556	124.744	5190.556
8/7/09	15:05:00	1520	15.411	10.322	124.741	5190.559	124.741	5190.559
8/7/09	15:10:00	1525	15.411	10.322	124.740	5190.560	124.740	5190.560
8/7/09	15:15:00	1530	15.410	10.323	124.742	5190.558	124.742	5190.558
8/7/09	15:20:00	1535	15.410	10.320	124.743	5190.557	124.743	5190.557
8/7/09	15:25:00	1540	15.411	10.321	124.742	5190.558	124.742	5190.558
8/7/09	15:30:00	1545	15.410	10.322	124.742	5190.558	124.742	5190.558
8/7/09	15:35:00	1550	15.410	10.321	124.742	5190.558	124.742	5190.558
8/7/09	15:40:00	1555	15.412	10.321	124.738	5190.562	124.738	5190.562
8/7/09	15:45:00	1560	15.410	10.325	124.742	5190.558	124.742	5190.558
8/7/09	15:50:00	1565	15.411	10.322	124.740	5190.560	124.740	5190.560
8/7/09	15:55:00	1570	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	16:00:00	1575	15.412	10.323	124.738	5190.562	124.738	5190.562
8/7/09	16:05:00	1580	15.414	10.321	124.734	5190.566	124.734	5190.566
8/7/09	16:10:00	1585	15.411	10.321	124.742	5190.558	124.742	5190.558
8/7/09	16:15:00	1590	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	16:20:00	1595	15.412	10.318	124.738	5190.562	124.738	5190.562
8/7/09	16:25:00	1600	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	16:30:00	1605	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	16:35:00	1610	15.412	10.320	124.739	5190.561	124.739	5190.561
8/7/09	16:40:00	1615	15.411	10.321	124.741	5190.559	124.741	5190.559
8/7/09	16:45:00	1620	15.413	10.322	124.737	5190.563	124.737	5190.563
8/7/09	16:50:00	1625	15.412	10.323	124.738	5190.562	124.738	5190.562
8/7/09	16:55:00	1630	15.411	10.324	124.740	5190.560	124.740	5190.560
8/7/09	17:00:00	1635	15.411	10.323	124.740	5190.560	124.740	5190.560
8/7/09	17:05:00	1640	15.414	10.323	124.733	5190.567	124.733	5190.567
8/7/09	17:10:00	1645	15.413	10.321	124.736	5190.564	124.736	5190.564
8/7/09	17:15:00	1650	15.412	10.325	124.737	5190.563	124.737	5190.563
8/7/09	17:20:00	1655	15.414	10.326	124.734	5190.566	124.734	5190.566
8/7/09	17:25:00	1660	15.416	10.325	124.730	5190.570	124.730	5190.570
8/7/09	17:30:00	1665	15.413	10.322	124.737	5190.563	124.737	5190.563
8/7/09	17:35:00	1670	15.414	10.322	124.733	5190.567	124.733	5190.567
8/7/09	17:40:00	1675	15.414	10.321	124.733	5190.567	124.733	5190.567

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/7/09	17:45:00	1680	15.416	10.324	124.730	5190.570	124.730	5190.570
8/7/09	17:50:00	1685	15.415	10.322	124.731	5190.569	124.731	5190.569
8/7/09	17:55:00	1690	15.417	10.321	124.727	5190.573	124.727	5190.573
8/7/09	18:00:00	1695	15.415	10.322	124.730	5190.570	124.730	5190.570
8/7/09	18:05:00	1700	15.417	10.322	124.726	5190.574	124.726	5190.574
8/7/09	18:10:00	1705	15.417	10.322	124.727	5190.573	124.727	5190.573
8/7/09	18:15:00	1710	15.417	10.323	124.726	5190.574	124.726	5190.574
8/7/09	18:20:00	1715	15.417	10.324	124.728	5190.572	124.728	5190.572
8/7/09	18:25:00	1720	15.416	10.321	124.730	5190.570	124.730	5190.570
8/7/09	18:30:00	1725	15.417	10.320	124.726	5190.574	124.726	5190.574
8/7/09	18:35:00	1730	15.418	10.323	124.725	5190.575	124.725	5190.575
8/7/09	18:40:00	1735	15.419	10.322	124.722	5190.578	124.722	5190.578
8/7/09	18:45:00	1740	15.418	10.321	124.724	5190.576	124.724	5190.576
8/7/09	18:50:00	1745	15.419	10.321	124.722	5190.578	124.722	5190.578
8/7/09	18:55:00	1750	15.419	10.326	124.723	5190.577	124.723	5190.577
8/7/09	19:00:00	1755	15.420	10.326	124.720	5190.580	124.720	5190.580
8/7/09	19:05:00	1760	15.421	10.325	124.718	5190.582	124.718	5190.582
8/7/09	19:10:00	1765	15.421	10.326	124.718	5190.582	124.718	5190.582
8/7/09	19:15:00	1770	15.420	10.324	124.719	5190.581	124.719	5190.581
8/7/09	19:20:00	1775	15.420	10.326	124.719	5190.581	124.719	5190.581
8/7/09	19:25:00	1780	15.420	10.321	124.720	5190.580	124.720	5190.580
8/7/09	19:30:00	1785	15.420	10.322	124.720	5190.580	124.720	5190.580
8/7/09	19:35:00	1790	15.422	10.322	124.716	5190.584	124.716	5190.584
8/7/09	19:40:00	1795	15.422	10.320	124.715	5190.585	124.715	5190.585
8/7/09	19:45:00	1800	15.421	10.324	124.717	5190.583	124.717	5190.583
8/7/09	19:50:00	1805	15.422	10.322	124.714	5190.586	124.714	5190.586
8/7/09	19:55:00	1810	15.422	10.323	124.714	5190.586	124.714	5190.586
8/7/09	20:00:00	1815	15.423	10.324	124.712	5190.588	124.712	5190.588
8/7/09	20:05:00	1820	15.422	10.322	124.714	5190.586	124.714	5190.586
8/7/09	20:10:00	1825	15.422	10.323	124.715	5190.585	124.715	5190.585
8/7/09	20:15:00	1830	15.422	10.319	124.716	5190.584	124.716	5190.584
8/7/09	20:20:00	1835	15.423	10.322	124.714	5190.586	124.714	5190.586
8/7/09	20:25:00	1840	15.422	10.320	124.714	5190.586	124.714	5190.586
8/7/09	20:30:00	1845	15.422	10.323	124.715	5190.585	124.715	5190.585
8/7/09	20:35:00	1850	15.423	10.322	124.713	5190.587	124.713	5190.587
8/7/09	20:40:00	1855	15.424	10.323	124.712	5190.588	124.712	5190.588
8/7/09	20:45:00	1860	15.422	10.323	124.715	5190.585	124.715	5190.585
8/7/09	20:50:00	1865	15.422	10.326	124.715	5190.585	124.715	5190.585
8/7/09	20:55:00	1870	15.423	10.327	124.713	5190.587	124.713	5190.587
8/7/09	21:00:00	1875	15.422	10.327	124.715	5190.585	124.715	5190.585
8/7/09	21:05:00	1880	15.422	10.327	124.714	5190.586	124.714	5190.586
8/7/09	21:10:00	1885	15.422	10.323	124.715	5190.585	124.715	5190.585
8/7/09	21:15:00	1890	15.423	10.323	124.712	5190.588	124.712	5190.588
8/7/09	21:20:00	1895	15.422	10.318	124.714	5190.586	124.714	5190.586
8/7/09	21:25:00	1900	15.423	10.317	124.714	5190.586	124.714	5190.586
8/7/09	21:30:00	1905	15.423	10.318	124.712	5190.588	124.712	5190.588
8/7/09	21:35:00	1910	15.423	10.318	124.712	5190.588	124.712	5190.588
8/7/09	21:40:00	1915	15.422	10.317	124.714	5190.586	124.714	5190.586
8/7/09	21:45:00	1920	15.423	10.320	124.712	5190.588	124.712	5190.588
8/7/09	21:50:00	1925	15.422	10.326	124.715	5190.585	124.715	5190.585
8/7/09	21:55:00	1930	15.423	10.321	124.713	5190.587	124.713	5190.587
8/7/09	22:00:00	1935	15.420	10.324	124.719	5190.581	124.719	5190.581
8/7/09	22:05:00	1940	15.423	10.325	124.713	5190.587	124.713	5190.587
8/7/09	22:10:00	1945	15.423	10.323	124.713	5190.587	124.713	5190.587
8/7/09	22:15:00	1950	15.421	10.320	124.718	5190.582	124.718	5190.582
8/7/09	22:20:00	1955	15.421	10.324	124.716	5190.584	124.716	5190.584

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/7/09	22:25:00	1960	15.422	10.323	124.716	5190.584	124.716	5190.584
8/7/09	22:30:00	1965	15.421	10.324	124.716	5190.584	124.716	5190.584
8/7/09	22:35:00	1970	15.420	10.324	124.721	5190.579	124.721	5190.579
8/7/09	22:40:00	1975	15.420	10.325	124.719	5190.581	124.719	5190.581
8/7/09	22:45:00	1980	15.421	10.325	124.719	5190.581	124.719	5190.581
8/7/09	22:50:00	1985	15.420	10.323	124.720	5190.580	124.720	5190.580
8/7/09	22:55:00	1990	15.419	10.321	124.722	5190.578	124.722	5190.578
8/7/09	23:00:00	1995	15.421	10.319	124.717	5190.583	124.717	5190.583
8/7/09	23:05:00	2000	15.420	10.322	124.719	5190.581	124.719	5190.581
8/7/09	23:10:00	2005	15.420	10.321	124.720	5190.580	124.720	5190.580
8/7/09	23:15:00	2010	15.419	10.319	124.723	5190.577	124.723	5190.577
8/7/09	23:20:00	2015	15.418	10.320	124.725	5190.575	124.725	5190.575
8/7/09	23:25:00	2020	15.419	10.320	124.722	5190.578	124.722	5190.578
8/7/09	23:30:00	2025	15.417	10.322	124.726	5190.574	124.726	5190.574
8/7/09	23:35:00	2030	15.415	10.321	124.731	5190.569	124.731	5190.569
8/7/09	23:40:00	2035	15.417	10.320	124.726	5190.574	124.726	5190.574
8/7/09	23:45:00	2040	15.417	10.324	124.727	5190.573	124.727	5190.573
8/7/09	23:50:00	2045	15.415	10.321	124.733	5190.567	124.733	5190.567
8/7/09	23:55:00	2050	15.415	10.319	124.731	5190.569	124.731	5190.569
8/8/09	0:00:00	2055	15.416	10.322	124.730	5190.570	124.730	5190.570
8/8/09	0:05:00	2060	15.415	10.320	124.732	5190.568	124.732	5190.568
8/8/09	0:10:00	2065	15.415	10.324	124.732	5190.568	124.732	5190.568
8/8/09	0:15:00	2070	15.415	10.323	124.732	5190.568	124.732	5190.568
8/8/09	0:20:00	2075	15.414	10.323	124.734	5190.566	124.734	5190.566
8/8/09	0:25:00	2080	15.411	10.321	124.740	5190.560	124.740	5190.560
8/8/09	0:30:00	2085	15.411	10.319	124.741	5190.559	124.741	5190.559
8/8/09	0:35:00	2090	15.413	10.323	124.737	5190.563	124.737	5190.563
8/8/09	0:40:00	2095	15.413	10.323	124.737	5190.563	124.737	5190.563
8/8/09	0:45:00	2100	15.412	10.322	124.738	5190.562	124.738	5190.562
8/8/09	0:50:00	2105	15.412	10.318	124.738	5190.562	124.738	5190.562
8/8/09	0:55:00	2110	15.411	10.319	124.740	5190.560	124.740	5190.560
8/8/09	1:00:00	2115	15.411	10.320	124.741	5190.559	124.741	5190.559
8/8/09	1:05:00	2120	15.410	10.318	124.743	5190.557	124.743	5190.557
8/8/09	1:10:00	2125	15.409	10.323	124.746	5190.554	124.746	5190.554
8/8/09	1:15:00	2130	15.408	10.319	124.748	5190.552	124.748	5190.552
8/8/09	1:20:00	2135	15.408	10.320	124.746	5190.554	124.746	5190.554
8/8/09	1:25:00	2140	15.407	10.322	124.749	5190.551	124.749	5190.551
8/8/09	1:30:00	2145	15.407	10.323	124.751	5190.549	124.751	5190.549
8/8/09	1:35:00	2150	15.407	10.326	124.750	5190.550	124.750	5190.550
8/8/09	1:40:00	2155	15.408	10.325	124.748	5190.552	124.748	5190.552
8/8/09	1:45:00	2160	15.405	10.322	124.754	5190.546	124.754	5190.546
8/8/09	1:50:00	2165	15.405	10.322	124.756	5190.544	124.756	5190.544
8/8/09	1:55:00	2170	15.404	10.323	124.756	5190.544	124.756	5190.544
8/8/09	2:00:00	2175	15.404	10.320	124.756	5190.544	124.756	5190.544
8/8/09	2:05:00	2180	15.405	10.321	124.756	5190.544	124.756	5190.544
8/8/09	2:10:00	2185	15.403	10.323	124.760	5190.540	124.760	5190.540
8/8/09	2:15:00	2190	15.404	10.323	124.756	5190.544	124.756	5190.544
8/8/09	2:20:00	2195	15.403	10.323	124.758	5190.542	124.758	5190.542
8/8/09	2:25:00	2200	15.402	10.322	124.761	5190.539	124.761	5190.539
8/8/09	2:30:00	2205	15.402	10.323	124.761	5190.539	124.761	5190.539
8/8/09	2:35:00	2210	15.400	10.322	124.766	5190.534	124.766	5190.534
8/8/09	2:40:00	2215	15.402	10.321	124.761	5190.539	124.761	5190.539
8/8/09	2:45:00	2220	15.401	10.318	124.765	5190.535	124.765	5190.535
8/8/09	2:50:00	2225	15.399	10.318	124.768	5190.532	124.768	5190.532
8/8/09	2:55:00	2230	15.398	10.322	124.770	5190.530	124.770	5190.530
8/8/09	3:00:00	2235	15.397	10.323	124.774	5190.526	124.774	5190.526

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/8/09	3:05:00	2240	15.398	10.323	124.771	5190.529	124.771	5190.529
8/8/09	3:10:00	2245	15.398	10.326	124.770	5190.530	124.770	5190.530
8/8/09	3:15:00	2250	15.398	10.325	124.770	5190.530	124.770	5190.530
8/8/09	3:20:00	2255	15.396	10.323	124.776	5190.524	124.776	5190.524
8/8/09	3:25:00	2260	15.399	10.321	124.769	5190.531	124.769	5190.531
8/8/09	3:30:00	2265	15.397	10.326	124.774	5190.526	124.774	5190.526
8/8/09	3:35:00	2270	15.394	10.327	124.780	5190.520	124.780	5190.520
8/8/09	3:40:00	2275	15.395	10.326	124.778	5190.522	124.778	5190.522
8/8/09	3:45:00	2280	15.395	10.326	124.778	5190.522	124.778	5190.522
8/8/09	3:50:00	2285	15.409	10.321	124.744	5190.556	124.744	5190.556
8/8/09	3:55:00	2290	15.422	10.322	124.716	5190.584	124.716	5190.584
8/8/09	4:00:00	2295	15.432	10.319	124.693	5190.607	124.693	5190.607
8/8/09	4:05:00	2300	15.443	10.321	124.667	5190.633	124.667	5190.633
8/8/09	4:10:00	2305	15.453	10.319	124.645	5190.655	124.645	5190.655
8/8/09	4:15:00	2310	15.463	10.322	124.619	5190.681	124.619	5190.681
8/8/09	4:20:00	2315	15.466	10.321	124.613	5190.687	124.613	5190.687
8/8/09	4:25:00	2320	15.469	10.319	124.606	5190.694	124.606	5190.694
8/8/09	4:30:00	2325	15.476	10.322	124.591	5190.709	124.591	5190.709
8/8/09	4:35:00	2330	15.478	10.320	124.587	5190.713	124.587	5190.713
8/8/09	4:40:00	2335	15.482	10.315	124.577	5190.723	124.577	5190.723
8/8/09	4:45:00	2340	15.483	10.321	124.574	5190.726	124.574	5190.726
8/8/09	4:50:00	2345	15.488	10.318	124.564	5190.736	124.564	5190.736
8/8/09	4:55:00	2350	15.493	10.318	124.551	5190.749	124.551	5190.749
8/8/09	5:00:00	2355	15.495	10.319	124.548	5190.752	124.548	5190.752
8/8/09	5:05:00	2360	15.496	10.322	124.545	5190.755	124.545	5190.755
8/8/09	5:10:00	2365	15.496	10.325	124.543	5190.757	124.543	5190.757
8/8/09	5:15:00	2370	15.495	10.324	124.547	5190.753	124.547	5190.753
8/8/09	5:20:00	2375	15.497	10.323	124.543	5190.757	124.543	5190.757
8/8/09	5:25:00	2380	15.482	10.321	124.576	5190.724	124.576	5190.724
8/8/09	5:30:00	2385	15.430	10.321	124.697	5190.603	124.697	5190.603
8/8/09	5:35:00	2390	15.402	10.322	124.763	5190.537	124.763	5190.537
8/8/09	5:40:00	2395	15.398	10.320	124.770	5190.530	124.770	5190.530
8/8/09	5:45:00	2400	15.396	10.323	124.776	5190.524	124.776	5190.524
8/8/09	5:50:00	2405	15.393	10.323	124.782	5190.518	124.782	5190.518
8/8/09	5:55:00	2410	15.396	10.322	124.776	5190.524	124.776	5190.524
8/8/09	6:00:00	2415	15.393	10.322	124.781	5190.519	124.781	5190.519
8/8/09	6:05:00	2420	15.392	10.321	124.784	5190.516	124.784	5190.516
8/8/09	6:10:00	2425	15.392	10.324	124.784	5190.516	124.784	5190.516
8/8/09	6:15:00	2430	15.392	10.318	124.785	5190.515	124.785	5190.515
8/8/09	6:20:00	2435	15.392	10.318	124.785	5190.515	124.785	5190.515
8/8/09	6:25:00	2440	15.386	10.323	124.797	5190.503	124.797	5190.503
8/8/09	6:30:00	2445	15.385	10.323	124.800	5190.500	124.800	5190.500
8/8/09	6:35:00	2450	15.401	10.324	124.763	5190.537	124.763	5190.537
8/8/09	6:40:00	2455	15.419	10.324	124.723	5190.577	124.723	5190.577
8/8/09	6:45:00	2460	15.418	10.322	124.724	5190.576	124.724	5190.576
8/8/09	6:50:00	2465	15.423	10.319	124.713	5190.587	124.713	5190.587
8/8/09	6:55:00	2470	15.426	10.322	124.706	5190.594	124.706	5190.594
8/8/09	7:00:00	2475	15.429	10.322	124.699	5190.601	124.699	5190.601
8/8/09	7:05:00	2480	15.435	10.318	124.685	5190.615	124.685	5190.615
8/8/09	7:10:00	2485	15.440	10.323	124.675	5190.625	124.675	5190.625
8/8/09	7:15:00	2490	15.437	10.323	124.680	5190.620	124.680	5190.620
8/8/09	7:20:00	2495	15.436	10.323	124.682	5190.618	124.682	5190.618
8/8/09	7:25:00	2500	15.436	10.321	124.683	5190.617	124.683	5190.617
8/8/09	7:30:00	2505	15.432	10.321	124.692	5190.608	124.692	5190.608
8/8/09	7:35:00	2510	15.427	10.320	124.703	5190.597	124.703	5190.597
8/8/09	7:40:00	2515	15.423	10.321	124.714	5190.586	124.714	5190.586

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/8/09	7:45:00	2520	15.420	10.320	124.720	5190.580	124.720	5190.580
8/8/09	7:50:00	2525	15.412	10.319	124.739	5190.561	124.739	5190.561
8/8/09	7:55:00	2530	15.405	10.320	124.754	5190.546	124.754	5190.546
8/8/09	8:00:00	2535	15.400	10.318	124.767	5190.533	124.767	5190.533
8/8/09	8:05:00	2540	15.405	10.320	124.754	5190.546	124.754	5190.546
8/8/09	8:10:00	2545	15.404	10.321	124.757	5190.543	124.757	5190.543
8/8/09	8:15:00	2550	15.402	10.321	124.761	5190.539	124.761	5190.539
8/8/09	8:20:00	2555	15.399	10.324	124.768	5190.532	124.768	5190.532
8/8/09	8:25:00	2560	15.397	10.324	124.772	5190.528	124.772	5190.528
8/8/09	8:30:00	2565	15.393	10.324	124.783	5190.517	124.783	5190.517
8/8/09	8:35:00	2570	15.383	10.322	124.805	5190.495	124.805	5190.495
8/8/09	8:40:00	2575	15.376	10.324	124.821	5190.479	124.821	5190.479
8/8/09	8:45:00	2580	15.379	10.323	124.815	5190.485	124.815	5190.485
8/8/09	8:50:00	2585	15.363	10.323	124.852	5190.448	124.852	5190.448
8/8/09	8:55:00	2590	15.345	10.325	124.894	5190.406	124.894	5190.406
8/8/09	9:00:00	2595	15.349	10.323	124.885	5190.415	124.885	5190.415
8/8/09	9:05:00	2600	15.352	10.321	124.876	5190.424	124.876	5190.424
8/8/09	9:10:00	2605	15.344	10.324	124.894	5190.406	124.894	5190.406
8/8/09	9:15:00	2610	15.340	10.322	124.904	5190.396	124.904	5190.396
8/8/09	9:20:00	2615	15.330	10.324	124.927	5190.373	124.927	5190.373
8/8/09	9:25:00	2620	15.322	10.321	124.946	5190.354	124.946	5190.354
8/8/09	9:30:00	2625	15.316	10.320	124.960	5190.340	124.960	5190.340
8/8/09	9:35:00	2630	15.307	10.323	124.982	5190.318	124.982	5190.318
8/8/09	9:40:00	2635	15.300	10.321	124.996	5190.304	124.996	5190.304
8/8/09	9:45:00	2640	15.296	10.322	125.005	5190.295	125.005	5190.295
8/8/09	9:50:00	2645	15.280	10.320	125.043	5190.257	125.043	5190.257
8/8/09	9:55:00	2650	15.323	10.322	124.944	5190.356	124.944	5190.356
8/8/09	10:00:00	2655	15.361	10.323	124.855	5190.445	124.855	5190.445
8/8/09	10:05:00	2660	15.371	10.323	124.833	5190.467	124.833	5190.467
8/8/09	10:10:00	2665	15.374	10.324	124.827	5190.473	124.827	5190.473
8/8/09	10:15:00	2670	15.376	10.323	124.821	5190.479	124.821	5190.479
8/8/09	10:20:00	2675	15.374	10.322	124.825	5190.475	124.825	5190.475
8/8/09	10:25:00	2680	15.376	10.323	124.822	5190.478	124.822	5190.478
8/8/09	10:30:00	2685	15.376	10.321	124.822	5190.478	124.822	5190.478
8/8/09	10:35:00	2690	15.372	10.323	124.830	5190.470	124.830	5190.470
8/8/09	10:40:00	2695	15.374	10.325	124.825	5190.475	124.825	5190.475
8/8/09	10:45:00	2700	15.373	10.322	124.828	5190.472	124.828	5190.472
8/8/09	10:50:00	2705	15.371	10.320	124.834	5190.466	124.834	5190.466
8/8/09	10:55:00	2710	15.374	10.321	124.826	5190.474	124.826	5190.474
8/8/09	11:00:00	2715	15.372	10.324	124.831	5190.469	124.831	5190.469
8/8/09	11:05:00	2720	15.370	10.321	124.834	5190.466	124.834	5190.466
8/8/09	11:10:00	2725	15.370	10.322	124.835	5190.465	124.835	5190.465
8/8/09	11:15:00	2730	15.372	10.320	124.831	5190.469	124.831	5190.469
8/8/09	11:20:00	2735	15.370	10.320	124.836	5190.464	124.836	5190.464
8/8/09	11:25:00	2740	15.370	10.319	124.834	5190.466	124.834	5190.466
8/8/09	11:30:00	2745	15.369	10.320	124.838	5190.462	124.838	5190.462
8/8/09	11:35:00	2750	15.367	10.318	124.843	5190.457	124.843	5190.457
8/8/09	11:40:00	2755	15.369	10.318	124.838	5190.462	124.838	5190.462
8/8/09	11:45:00	2760	15.369	10.325	124.839	5190.461	124.839	5190.461
8/8/09	11:50:00	2765	15.367	10.325	124.842	5190.458	124.842	5190.458
8/8/09	11:55:00	2770	15.365	10.324	124.847	5190.453	124.847	5190.453
8/8/09	12:00:00	2775	15.366	10.325	124.843	5190.457	124.843	5190.457
8/8/09	12:05:00	2780	15.368	10.323	124.841	5190.459	124.841	5190.459
8/8/09	12:10:00	2785	15.366	10.325	124.845	5190.455	124.845	5190.455
8/8/09	12:15:00	2790	15.365	10.323	124.848	5190.452	124.848	5190.452
8/8/09	12:20:00	2795	15.364	10.324	124.848	5190.452	124.848	5190.452

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/8/09	12:25:00	2800	15.364	10.325	124.850	5190.450	124.850	5190.450
8/8/09	12:30:00	2805	15.362	10.323	124.853	5190.447	124.853	5190.447
8/8/09	12:35:00	2810	15.361	10.323	124.856	5190.444	124.856	5190.444
8/8/09	12:40:00	2815	15.363	10.323	124.852	5190.448	124.852	5190.448
8/8/09	12:45:00	2820	15.362	10.323	124.854	5190.446	124.854	5190.446
8/8/09	12:50:00	2825	15.363	10.321	124.852	5190.448	124.852	5190.448
8/8/09	12:55:00	2830	15.363	10.321	124.852	5190.448	124.852	5190.448
8/8/09	13:00:00	2835	15.362	10.322	124.854	5190.446	124.854	5190.446
8/8/09	13:05:00	2840	15.360	10.322	124.859	5190.441	124.859	5190.441
8/8/09	13:10:00	2845	15.359	10.322	124.860	5190.440	124.860	5190.440
8/8/09	13:15:00	2850	15.360	10.322	124.859	5190.441	124.859	5190.441
8/8/09	13:20:00	2855	15.360	10.324	124.859	5190.441	124.859	5190.441
8/8/09	13:25:00	2860	15.359	10.323	124.861	5190.439	124.861	5190.439
8/8/09	13:30:00	2865	15.359	10.324	124.860	5190.440	124.860	5190.440
8/8/09	13:35:00	2870	15.359	10.320	124.861	5190.439	124.861	5190.439
8/8/09	13:40:00	2875	15.358	10.324	124.862	5190.438	124.862	5190.438
8/8/09	13:45:00	2880	15.359	10.324	124.861	5190.439	124.861	5190.439
8/8/09	13:50:00	2885	15.359	10.322	124.861	5190.439	124.861	5190.439
8/8/09	13:55:00	2890	15.358	10.321	124.863	5190.437	124.863	5190.437
8/8/09	14:00:00	2895	15.358	10.323	124.863	5190.437	124.863	5190.437
8/8/09	14:05:00	2900	15.358	10.324	124.863	5190.437	124.863	5190.437
8/8/09	14:10:00	2905	15.357	10.323	124.866	5190.434	124.866	5190.434
8/8/09	14:15:00	2910	15.357	10.325	124.866	5190.434	124.866	5190.434
8/8/09	14:20:00	2915	15.357	10.324	124.865	5190.435	124.865	5190.435
8/8/09	14:25:00	2920	15.357	10.323	124.865	5190.435	124.865	5190.435
8/8/09	14:30:00	2925	15.357	10.325	124.866	5190.434	124.866	5190.434
8/8/09	14:35:00	2930	15.356	10.323	124.867	5190.433	124.867	5190.433
8/8/09	14:40:00	2935	15.359	10.326	124.862	5190.438	124.862	5190.438
8/8/09	14:45:00	2940	15.356	10.325	124.869	5190.431	124.869	5190.431
8/8/09	14:50:00	2945	15.358	10.324	124.863	5190.437	124.863	5190.437
8/8/09	14:55:00	2950	15.356	10.328	124.867	5190.433	124.867	5190.433
8/8/09	15:00:00	2955	15.357	10.331	124.866	5190.434	124.866	5190.434
8/8/09	15:05:00	2960	15.356	10.325	124.868	5190.432	124.868	5190.432
8/8/09	15:10:00	2965	15.357	10.323	124.866	5190.434	124.866	5190.434
8/8/09	15:15:00	2970	15.356	10.324	124.867	5190.433	124.867	5190.433
8/8/09	15:20:00	2975	15.358	10.323	124.864	5190.436	124.864	5190.436
8/8/09	15:25:00	2980	15.358	10.321	124.863	5190.437	124.863	5190.437
8/8/09	15:30:00	2985	15.357	10.324	124.866	5190.434	124.866	5190.434
8/8/09	15:35:00	2990	15.358	10.323	124.863	5190.437	124.863	5190.437
8/8/09	15:40:00	2995	15.388	10.322	124.793	5190.507	124.793	5190.507
8/8/09	15:45:00	3000	15.420	10.321	124.721	5190.579	124.721	5190.579
8/8/09	15:50:00	3005	15.437	10.322	124.681	5190.619	124.681	5190.619
8/8/09	15:55:00	3010	15.453	10.316	124.644	5190.656	124.644	5190.656
8/8/09	16:00:00	3015	15.464	10.315	124.619	5190.681	124.619	5190.681
8/8/09	16:05:00	3020	15.468	10.317	124.610	5190.690	124.610	5190.690
8/8/09	16:10:00	3025	15.469	10.320	124.607	5190.693	124.607	5190.693
8/8/09	16:15:00	3030	15.473	10.322	124.598	5190.702	124.598	5190.702
8/8/09	16:20:00	3035	15.478	10.316	124.587	5190.713	124.587	5190.713
8/8/09	16:25:00	3040	15.471	10.315	124.601	5190.699	124.601	5190.699
8/8/09	16:30:00	3045	15.461	10.310	124.624	5190.676	124.624	5190.676
8/8/09	16:35:00	3050	15.420	10.312	124.720	5190.580	124.720	5190.580
8/8/09	16:40:00	3055	15.395	10.313	124.778	5190.522	124.778	5190.522
8/8/09	16:45:00	3060	15.370	10.315	124.835	5190.465	124.835	5190.465
8/8/09	16:50:00	3065	15.351	10.317	124.880	5190.420	124.880	5190.420
8/8/09	16:55:00	3070	15.356	10.315	124.867	5190.433	124.867	5190.433
8/8/09	17:00:00	3075	15.358	10.320	124.864	5190.436	124.864	5190.436



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/8/09	17:05:00	3080	15.357	10.317	124.864	5190.436	124.864	5190.436
8/8/09	17:10:00	3085	15.357	10.316	124.866	5190.434	124.866	5190.434
8/8/09	17:15:00	3090	15.356	10.316	124.868	5190.432	124.868	5190.432
8/8/09	17:20:00	3095	15.358	10.317	124.864	5190.436	124.864	5190.436
8/8/09	17:25:00	3100	15.358	10.318	124.862	5190.438	124.862	5190.438
8/8/09	17:30:00	3105	15.359	10.317	124.861	5190.439	124.861	5190.439
8/8/09	17:35:00	3110	15.357	10.318	124.865	5190.435	124.865	5190.435
8/8/09	17:40:00	3115	15.358	10.316	124.864	5190.436	124.864	5190.436
8/8/09	17:45:00	3120	15.359	10.318	124.860	5190.440	124.860	5190.440
8/8/09	17:50:00	3125	15.357	10.318	124.866	5190.434	124.866	5190.434
8/8/09	17:55:00	3130	15.358	10.318	124.863	5190.437	124.863	5190.437
8/8/09	18:00:00	3135	15.359	10.320	124.861	5190.439	124.861	5190.439
8/8/09	18:05:00	3140	15.358	10.318	124.862	5190.438	124.862	5190.438
8/8/09	18:10:00	3145	15.359	10.320	124.861	5190.439	124.861	5190.439
8/8/09	18:15:00	3150	15.359	10.318	124.861	5190.439	124.861	5190.439
8/8/09	18:20:00	3155	15.356	10.324	124.867	5190.433	124.867	5190.433
8/8/09	18:25:00	3160	15.358	10.325	124.862	5190.438	124.862	5190.438
8/8/09	18:30:00	3165	15.359	10.325	124.862	5190.438	124.862	5190.438
8/8/09	18:35:00	3170	15.358	10.324	124.862	5190.438	124.862	5190.438
8/8/09	18:40:00	3175	15.357	10.327	124.864	5190.436	124.864	5190.436
8/8/09	18:45:00	3180	15.361	10.324	124.857	5190.443	124.857	5190.443
8/8/09	18:50:00	3185	15.359	10.326	124.861	5190.439	124.861	5190.439
8/8/09	18:55:00	3190	15.358	10.325	124.863	5190.437	124.863	5190.437
8/8/09	19:00:00	3195	15.358	10.321	124.862	5190.438	124.862	5190.438
8/8/09	19:05:00	3200	15.358	10.317	124.863	5190.437	124.863	5190.437
8/8/09	19:10:00	3205	15.359	10.318	124.860	5190.440	124.860	5190.440
8/8/09	19:15:00	3210	15.360	10.317	124.859	5190.441	124.859	5190.441
8/8/09	19:20:00	3215	15.360	10.318	124.858	5190.442	124.858	5190.442
8/8/09	19:25:00	3220	15.359	10.316	124.860	5190.440	124.860	5190.440
8/8/09	19:30:00	3225	15.360	10.316	124.859	5190.441	124.859	5190.441
8/8/09	19:35:00	3230	15.361	10.314	124.857	5190.443	124.857	5190.443
8/8/09	19:40:00	3235	15.361	10.316	124.857	5190.443	124.857	5190.443
8/8/09	19:45:00	3240	15.360	10.318	124.858	5190.442	124.858	5190.442
8/8/09	19:50:00	3245	15.361	10.316	124.857	5190.443	124.857	5190.443
8/8/09	19:55:00	3250	15.359	10.321	124.860	5190.440	124.860	5190.440
8/8/09	20:00:00	3255	15.360	10.323	124.858	5190.442	124.858	5190.442
8/8/09	20:05:00	3260	15.359	10.323	124.860	5190.440	124.860	5190.440
8/8/09	20:10:00	3265	15.360	10.325	124.859	5190.441	124.859	5190.441
8/8/09	20:15:00	3270	15.360	10.326	124.859	5190.441	124.859	5190.441
8/8/09	20:20:00	3275	15.360	10.324	124.857	5190.443	124.857	5190.443
8/8/09	20:25:00	3280	15.359	10.326	124.862	5190.438	124.862	5190.438
8/8/09	20:30:00	3285	15.359	10.324	124.861	5190.439	124.861	5190.439
8/8/09	20:35:00	3290	15.358	10.324	124.863	5190.437	124.863	5190.437
8/8/09	20:40:00	3295	15.359	10.326	124.860	5190.440	124.860	5190.440
8/8/09	20:45:00	3300	15.358	10.327	124.862	5190.438	124.862	5190.438
8/8/09	20:50:00	3305	15.360	10.324	124.858	5190.442	124.858	5190.442
8/8/09	20:55:00	3310	15.359	10.325	124.860	5190.440	124.860	5190.440
8/8/09	21:00:00	3315	15.359	10.322	124.861	5190.439	124.861	5190.439
8/8/09	21:05:00	3320	15.358	10.326	124.863	5190.437	124.863	5190.437
8/8/09	21:10:00	3325	15.357	10.326	124.865	5190.435	124.865	5190.435
8/8/09	21:15:00	3330	15.358	10.327	124.863	5190.437	124.863	5190.437
8/8/09	21:20:00	3335	15.357	10.328	124.866	5190.434	124.866	5190.434
8/8/09	21:25:00	3340	15.356	10.332	124.867	5190.433	124.867	5190.433
8/8/09	21:30:00	3345	15.358	10.331	124.863	5190.437	124.863	5190.437
8/8/09	21:35:00	3350	15.357	10.332	124.866	5190.434	124.866	5190.434
8/8/09	21:40:00	3355	15.356	10.331	124.867	5190.433	124.867	5190.433

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/8/09	21:45:00	3360	15.356	10.329	124.867	5190.433	124.867	5190.433
8/8/09	21:50:00	3365	15.357	10.328	124.865	5190.435	124.865	5190.435
8/8/09	21:55:00	3370	15.356	10.326	124.868	5190.432	124.868	5190.432
8/8/09	22:00:00	3375	15.356	10.328	124.867	5190.433	124.867	5190.433
8/8/09	22:05:00	3380	15.357	10.326	124.865	5190.435	124.865	5190.435
8/8/09	22:10:00	3385	15.357	10.331	124.865	5190.435	124.865	5190.435
8/8/09	22:15:00	3390	15.356	10.326	124.867	5190.433	124.867	5190.433
8/8/09	22:20:00	3395	15.356	10.328	124.868	5190.432	124.868	5190.432
8/8/09	22:25:00	3400	15.355	10.328	124.870	5190.430	124.870	5190.430
8/8/09	22:30:00	3405	15.356	10.326	124.868	5190.432	124.868	5190.432
8/8/09	22:35:00	3410	15.355	10.329	124.870	5190.430	124.870	5190.430
8/8/09	22:40:00	3415	15.356	10.326	124.869	5190.431	124.869	5190.431
8/8/09	22:45:00	3420	15.354	10.329	124.872	5190.428	124.872	5190.428
8/8/09	22:50:00	3425	15.354	10.329	124.873	5190.427	124.873	5190.427
8/8/09	22:55:00	3430	15.354	10.328	124.872	5190.428	124.872	5190.428
8/8/09	23:00:00	3435	15.354	10.327	124.873	5190.427	124.873	5190.427
8/8/09	23:05:00	3440	15.353	10.326	124.875	5190.425	124.875	5190.425
8/8/09	23:10:00	3445	15.352	10.323	124.876	5190.424	124.876	5190.424
8/8/09	23:15:00	3450	15.352	10.324	124.877	5190.423	124.877	5190.423
8/8/09	23:20:00	3455	15.351	10.325	124.878	5190.422	124.878	5190.422
8/8/09	23:25:00	3460	15.351	10.326	124.879	5190.421	124.879	5190.421
8/8/09	23:30:00	3465	15.352	10.329	124.878	5190.422	124.878	5190.422
8/8/09	23:35:00	3470	15.350	10.328	124.880	5190.420	124.880	5190.420
8/8/09	23:40:00	3475	15.350	10.323	124.880	5190.420	124.880	5190.420
8/8/09	23:45:00	3480	15.350	10.323	124.881	5190.419	124.881	5190.419
8/8/09	23:50:00	3485	15.349	10.322	124.883	5190.417	124.883	5190.417
8/8/09	23:55:00	3490	15.349	10.327	124.884	5190.416	124.884	5190.416
8/9/09	0:00:00	3495	15.349	10.326	124.885	5190.415	124.885	5190.415
8/9/09	0:05:00	3500	15.347	10.327	124.887	5190.413	124.887	5190.413
8/9/09	0:10:00	3505	15.346	10.328	124.891	5190.409	124.891	5190.409
8/9/09	0:15:00	3510	15.347	10.328	124.888	5190.412	124.888	5190.412
8/9/09	0:20:00	3515	15.348	10.329	124.886	5190.414	124.886	5190.414
8/9/09	0:25:00	3520	15.347	10.329	124.889	5190.411	124.889	5190.411
8/9/09	0:30:00	3525	15.347	10.327	124.889	5190.411	124.889	5190.411
8/9/09	0:35:00	3530	15.347	10.325	124.889	5190.411	124.889	5190.411
8/9/09	0:40:00	3535	15.344	10.325	124.895	5190.405	124.895	5190.405
8/9/09	0:45:00	3540	15.345	10.326	124.893	5190.407	124.893	5190.407
8/9/09	0:50:00	3545	15.345	10.328	124.892	5190.408	124.892	5190.408
8/9/09	0:55:00	3550	15.344	10.327	124.895	5190.405	124.895	5190.405
8/9/09	1:00:00	3555	15.345	10.326	124.893	5190.407	124.893	5190.407
8/9/09	1:05:00	3560	15.345	10.329	124.893	5190.407	124.893	5190.407
8/9/09	1:10:00	3565	15.343	10.331	124.898	5190.402	124.898	5190.402
8/9/09	1:15:00	3570	15.343	10.330	124.897	5190.403	124.897	5190.403
8/9/09	1:20:00	3575	15.344	10.327	124.895	5190.405	124.895	5190.405
8/9/09	1:25:00	3580	15.342	10.329	124.899	5190.401	124.899	5190.401
8/9/09	1:30:00	3585	15.342	10.328	124.901	5190.399	124.901	5190.399
8/9/09	1:35:00	3590	15.342	10.327	124.899	5190.401	124.899	5190.401
8/9/09	1:40:00	3595	15.343	10.326	124.899	5190.401	124.899	5190.401
8/9/09	1:45:00	3600	15.343	10.327	124.898	5190.402	124.898	5190.402
8/9/09	1:50:00	3605	15.341	10.328	124.902	5190.398	124.902	5190.398
8/9/09	1:55:00	3610	15.342	10.328	124.901	5190.399	124.901	5190.399
8/9/09	2:00:00	3615	15.342	10.328	124.901	5190.399	124.901	5190.399
8/9/09	2:05:00	3620	15.342	10.329	124.901	5190.399	124.901	5190.399
8/9/09	2:10:00	3625	15.340	10.330	124.905	5190.395	124.905	5190.395
8/9/09	2:15:00	3630	15.340	10.332	124.904	5190.396	124.904	5190.396
8/9/09	2:20:00	3635	15.340	10.332	124.904	5190.396	124.904	5190.396

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/9/09	2:25:00	3640	15.341	10.332	124.903	5190.397	124.903	5190.397
8/9/09	2:30:00	3645	15.341	10.328	124.903	5190.397	124.903	5190.397
8/9/09	2:35:00	3650	15.339	10.328	124.908	5190.392	124.908	5190.392
8/9/09	2:40:00	3655	15.339	10.328	124.907	5190.393	124.907	5190.393
8/9/09	2:45:00	3660	15.338	10.329	124.908	5190.392	124.908	5190.392
8/9/09	2:50:00	3665	15.340	10.326	124.905	5190.395	124.905	5190.395
8/9/09	2:55:00	3670	15.339	10.326	124.906	5190.394	124.906	5190.394
8/9/09	3:00:00	3675	15.339	10.327	124.908	5190.392	124.908	5190.392
8/9/09	3:05:00	3680	15.338	10.325	124.909	5190.391	124.909	5190.391
8/9/09	3:10:00	3685	15.338	10.327	124.908	5190.392	124.908	5190.392
8/9/09	3:15:00	3690	15.339	10.328	124.908	5190.392	124.908	5190.392
8/9/09	3:20:00	3695	15.339	10.328	124.907	5190.393	124.907	5190.393
8/9/09	3:25:00	3700	15.338	10.328	124.910	5190.390	124.910	5190.390
8/9/09	3:30:00	3705	15.338	10.326	124.910	5190.390	124.910	5190.390
8/9/09	3:35:00	3710	15.337	10.329	124.911	5190.389	124.911	5190.389
8/9/09	3:40:00	3715	15.337	10.329	124.911	5190.389	124.911	5190.389
8/9/09	3:45:00	3720	15.337	10.326	124.910	5190.390	124.910	5190.390
8/9/09	3:50:00	3725	15.336	10.326	124.913	5190.387	124.913	5190.387
8/9/09	3:55:00	3730	15.338	10.326	124.909	5190.391	124.909	5190.391
8/9/09	4:00:00	3735	15.338	10.329	124.909	5190.391	124.909	5190.391
8/9/09	4:05:00	3740	15.338	10.324	124.910	5190.390	124.910	5190.390
8/9/09	4:10:00	3745	15.337	10.323	124.911	5190.389	124.911	5190.389
8/9/09	4:15:00	3750	15.338	10.317	124.909	5190.391	124.909	5190.391
8/9/09	4:20:00	3755	15.337	10.320	124.911	5190.389	124.911	5190.389
8/9/09	4:25:00	3760	15.335	10.317	124.915	5190.385	124.915	5190.385
8/9/09	4:30:00	3765	15.337	10.320	124.912	5190.388	124.912	5190.388
8/9/09	4:35:00	3770	15.337	10.322	124.911	5190.389	124.911	5190.389
8/9/09	4:40:00	3775	15.336	10.321	124.914	5190.386	124.914	5190.386
8/9/09	4:45:00	3780	15.336	10.322	124.913	5190.387	124.913	5190.387
8/9/09	4:50:00	3785	15.336	10.324	124.913	5190.387	124.913	5190.387
8/9/09	4:55:00	3790	15.337	10.323	124.912	5190.388	124.912	5190.388
8/9/09	5:00:00	3795	15.336	10.320	124.913	5190.387	124.913	5190.387
8/9/09	5:05:00	3800	15.337	10.315	124.913	5190.387	124.913	5190.387
8/9/09	5:10:00	3805	15.337	10.320	124.911	5190.389	124.911	5190.389
8/9/09	5:15:00	3810	15.337	10.320	124.912	5190.388	124.912	5190.388
8/9/09	5:20:00	3815	15.338	10.326	124.910	5190.390	124.910	5190.390
8/9/09	5:25:00	3820	15.340	10.324	124.905	5190.395	124.905	5190.395
8/9/09	5:30:00	3825	15.336	10.324	124.913	5190.387	124.913	5190.387
8/9/09	5:35:00	3830	15.340	10.320	124.905	5190.395	124.905	5190.395
8/9/09	5:40:00	3835	15.338	10.315	124.909	5190.391	124.909	5190.391
8/9/09	5:45:00	3840	15.334	10.319	124.918	5190.382	124.918	5190.382
8/9/09	5:50:00	3845	15.337	10.317	124.912	5190.388	124.912	5190.388
8/9/09	5:55:00	3850	15.337	10.316	124.912	5190.388	124.912	5190.388
8/9/09	6:00:00	3855	15.336	10.325	124.915	5190.385	124.915	5190.385
8/9/09	6:05:00	3860	15.336	10.325	124.914	5190.386	124.914	5190.386
8/9/09	6:10:00	3865	15.337	10.328	124.912	5190.388	124.912	5190.388
8/9/09	6:15:00	3870	15.340	10.331	124.904	5190.396	124.904	5190.396
8/9/09	6:20:00	3875	15.337	10.329	124.911	5190.389	124.911	5190.389
8/9/09	6:25:00	3880	15.338	10.328	124.908	5190.392	124.908	5190.392
8/9/09	6:30:00	3885	15.336	10.328	124.915	5190.385	124.915	5190.385
8/9/09	6:35:00	3890	15.339	10.326	124.907	5190.393	124.907	5190.393
8/9/09	6:40:00	3895	15.338	10.324	124.909	5190.391	124.909	5190.391
8/9/09	6:45:00	3900	15.339	10.329	124.908	5190.392	124.908	5190.392
8/9/09	6:50:00	3905	15.336	10.326	124.913	5190.387	124.913	5190.387
8/9/09	6:55:00	3910	15.338	10.327	124.908	5190.392	124.908	5190.392
8/9/09	7:00:00	3915	15.338	10.327	124.909	5190.391	124.909	5190.391

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/9/09	7:05:00	3920	15.339	10.329	124.908	5190.392	124.908	5190.392
8/9/09	7:10:00	3925	15.339	10.326	124.907	5190.393	124.907	5190.393
8/9/09	7:15:00	3930	15.340	10.328	124.906	5190.394	124.906	5190.394
8/9/09	7:20:00	3935	15.339	10.327	124.907	5190.393	124.907	5190.393
8/9/09	7:25:00	3940	15.340	10.327	124.904	5190.396	124.904	5190.396
8/9/09	7:30:00	3945	15.340	10.328	124.904	5190.396	124.904	5190.396
8/9/09	7:35:00	3950	15.340	10.327	124.905	5190.395	124.905	5190.395
8/9/09	7:40:00	3955	15.341	10.329	124.903	5190.397	124.903	5190.397
8/9/09	7:45:00	3960	15.340	10.330	124.904	5190.396	124.904	5190.396
8/9/09	7:50:00	3965	15.340	10.333	124.904	5190.396	124.904	5190.396
8/9/09	7:55:00	3970	15.340	10.330	124.905	5190.395	124.905	5190.395
8/9/09	8:00:00	3975	15.340	10.332	124.904	5190.396	124.904	5190.396
8/9/09	8:05:00	3980	15.341	10.328	124.903	5190.397	124.903	5190.397
8/9/09	8:10:00	3985	15.341	10.324	124.903	5190.397	124.903	5190.397
8/9/09	8:15:00	3990	15.339	10.321	124.907	5190.393	124.907	5190.393
8/9/09	8:20:00	3995	15.341	10.319	124.901	5190.399	124.901	5190.399
8/9/09	8:25:00	4000	15.340	10.323	124.906	5190.394	124.906	5190.394
8/9/09	8:30:00	4005	15.339	10.322	124.907	5190.393	124.907	5190.393
8/9/09	8:35:00	4010	15.339	10.324	124.906	5190.394	124.906	5190.394
8/9/09	8:40:00	4015	15.340	10.328	124.905	5190.395	124.905	5190.395
8/9/09	8:45:00	4020	15.342	10.331	124.901	5190.399	124.901	5190.399
8/9/09	8:50:00	4025	15.341	10.328	124.903	5190.397	124.903	5190.397
8/9/09	8:55:00	4030	15.340	10.329	124.906	5190.394	124.906	5190.394
8/9/09	9:00:00	4035	15.341	10.330	124.902	5190.398	124.902	5190.398
8/9/09	9:05:00	4040	15.341	10.328	124.901	5190.399	124.901	5190.399
8/9/09	9:10:00	4045	15.341	10.330	124.902	5190.398	124.902	5190.398
8/9/09	9:15:00	4050	15.342	10.330	124.901	5190.399	124.901	5190.399
8/9/09	9:20:00	4055	15.341	10.327	124.901	5190.399	124.901	5190.399
8/9/09	9:25:00	4060	15.341	10.326	124.903	5190.397	124.903	5190.397
8/9/09	9:30:00	4065	15.341	10.326	124.903	5190.397	124.903	5190.397
8/9/09	9:35:00	4070	15.340	10.327	124.904	5190.396	124.904	5190.396
8/9/09	9:40:00	4075	15.341	10.328	124.903	5190.397	124.903	5190.397
8/9/09	9:45:00	4080	15.342	10.326	124.901	5190.399	124.901	5190.399
8/9/09	9:50:00	4085	15.339	10.326	124.906	5190.394	124.906	5190.394
8/9/09	9:55:00	4090	15.340	10.330	124.905	5190.395	124.905	5190.395
8/9/09	10:00:00	4095	15.339	10.327	124.906	5190.394	124.906	5190.394
8/9/09	10:05:00	4100	15.342	10.328	124.899	5190.401	124.899	5190.401
8/9/09	10:10:00	4105	15.339	10.331	124.907	5190.393	124.907	5190.393
8/9/09	10:15:00	4110	15.339	10.330	124.908	5190.392	124.908	5190.392
8/9/09	10:20:00	4115	15.341	10.331	124.902	5190.398	124.902	5190.398
8/9/09	10:25:00	4120	15.341	10.329	124.902	5190.398	124.902	5190.398
8/9/09	10:30:00	4125	15.340	10.330	124.905	5190.395	124.905	5190.395
8/9/09	10:35:00	4130	15.341	10.331	124.902	5190.398	124.902	5190.398
8/9/09	10:40:00	4135	15.341	10.330	124.903	5190.397	124.903	5190.397
8/9/09	10:45:00	4140	15.340	10.331	124.905	5190.395	124.905	5190.395
8/9/09	10:50:00	4145	15.340	10.334	124.904	5190.396	124.904	5190.396
8/9/09	10:55:00	4150	15.339	10.332	124.908	5190.392	124.908	5190.392
8/9/09	11:00:00	4155	15.340	10.330	124.905	5190.395	124.905	5190.395
8/9/09	11:05:00	4160	15.338	10.331	124.909	5190.391	124.909	5190.391
8/9/09	11:10:00	4165	15.339	10.330	124.907	5190.393	124.907	5190.393
8/9/09	11:15:00	4170	15.339	10.330	124.907	5190.393	124.907	5190.393
8/9/09	11:20:00	4175	15.338	10.329	124.908	5190.392	124.908	5190.392
8/9/09	11:25:00	4180	15.338	10.330	124.909	5190.391	124.909	5190.391
8/9/09	11:30:00	4185	15.339	10.326	124.906	5190.394	124.906	5190.394
8/9/09	11:35:00	4190	15.339	10.326	124.907	5190.393	124.907	5190.393
8/9/09	11:40:00	4195	15.338	10.327	124.909	5190.391	124.909	5190.391

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/9/09	11:45:00	4200	15.337	10.327	124.911	5190.389	124.911	5190.389
8/9/09	11:50:00	4205	15.338	10.327	124.910	5190.390	124.910	5190.390
8/9/09	11:55:00	4210	15.338	10.327	124.909	5190.391	124.909	5190.391
8/9/09	12:00:00	4215	15.336	10.326	124.914	5190.386	124.914	5190.386
8/9/09	12:05:00	4220	15.337	10.328	124.912	5190.388	124.912	5190.388
8/9/09	12:10:00	4225	15.336	10.328	124.914	5190.386	124.914	5190.386
8/9/09	12:15:00	4230	15.336	10.330	124.914	5190.386	124.914	5190.386
8/9/09	12:20:00	4235	15.335	10.331	124.917	5190.383	124.917	5190.383
8/9/09	12:25:00	4240	15.336	10.332	124.915	5190.385	124.915	5190.385
8/9/09	12:30:00	4245	15.337	10.328	124.911	5190.389	124.911	5190.389
8/9/09	12:35:00	4250	15.336	10.327	124.915	5190.385	124.915	5190.385
8/9/09	12:40:00	4255	15.335	10.323	124.917	5190.383	124.917	5190.383
8/9/09	12:45:00	4260	15.335	10.326	124.916	5190.384	124.916	5190.384
8/9/09	12:50:00	4265	15.334	10.326	124.919	5190.381	124.919	5190.381
8/9/09	12:55:00	4270	15.334	10.326	124.919	5190.381	124.919	5190.381
8/9/09	13:00:00	4275	15.334	10.331	124.918	5190.382	124.918	5190.382
8/9/09	13:05:00	4280	15.334	10.327	124.918	5190.382	124.918	5190.382
8/9/09	13:10:00	4285	15.333	10.329	124.920	5190.380	124.920	5190.380
8/9/09	13:15:00	4290	15.334	10.328	124.918	5190.382	124.918	5190.382
8/9/09	13:20:00	4295	15.333	10.328	124.921	5190.379	124.921	5190.379
8/9/09	13:25:00	4300	15.334	10.330	124.918	5190.382	124.918	5190.382
8/9/09	13:30:00	4305	15.334	10.329	124.919	5190.381	124.919	5190.381
8/9/09	13:35:00	4310	15.333	10.325	124.921	5190.379	124.921	5190.379
8/9/09	13:40:00	4315	15.332	10.320	124.923	5190.377	124.923	5190.377
8/9/09	13:45:00	4320	15.334	10.320	124.918	5190.382	124.918	5190.382
8/9/09	13:50:00	4325	15.332	10.322	124.922	5190.378	124.922	5190.378
8/9/09	13:55:00	4330	15.332	10.320	124.922	5190.378	124.922	5190.378
8/9/09	14:00:00	4335	15.332	10.319	124.923	5190.377	124.923	5190.377
8/9/09	14:05:00	4340	15.332	10.318	124.923	5190.377	124.923	5190.377
8/9/09	14:10:00	4345	15.331	10.323	124.926	5190.374	124.926	5190.374
8/9/09	14:15:00	4350	15.330	10.322	124.929	5190.371	124.929	5190.371
8/9/09	14:20:00	4355	15.331	10.326	124.926	5190.374	124.926	5190.374
8/9/09	14:25:00	4360	15.332	10.324	124.924	5190.376	124.924	5190.376
8/9/09	14:30:00	4365	15.331	10.325	124.926	5190.374	124.926	5190.374
8/9/09	14:35:00	4370	15.332	10.328	124.923	5190.377	124.923	5190.377
8/9/09	14:40:00	4375	15.331	10.322	124.925	5190.375	124.925	5190.375
8/9/09	14:45:00	4380	15.331	10.321	124.926	5190.374	124.926	5190.374
8/9/09	14:50:00	4385	15.329	10.319	124.930	5190.370	124.930	5190.370
8/9/09	14:55:00	4390	15.329	10.318	124.930	5190.370	124.930	5190.370
8/9/09	15:00:00	4395	15.331	10.316	124.926	5190.374	124.926	5190.374
8/9/09	15:05:00	4400	15.329	10.317	124.929	5190.371	124.929	5190.371
8/9/09	15:10:00	4405	15.329	10.316	124.930	5190.370	124.930	5190.370
8/9/09	15:15:00	4410	15.328	10.319	124.932	5190.368	124.932	5190.368
8/9/09	15:20:00	4415	15.327	10.319	124.935	5190.365	124.935	5190.365
8/9/09	15:25:00	4420	15.330	10.316	124.929	5190.371	124.929	5190.371
8/9/09	15:30:00	4425	15.328	10.315	124.932	5190.368	124.932	5190.368
8/9/09	15:35:00	4430	15.329	10.314	124.930	5190.370	124.930	5190.370
8/9/09	15:40:00	4435	15.329	10.318	124.930	5190.370	124.930	5190.370
8/9/09	15:45:00	4440	15.329	10.320	124.929	5190.371	124.929	5190.371
8/9/09	15:50:00	4445	15.329	10.321	124.930	5190.370	124.930	5190.370
8/9/09	15:55:00	4450	15.327	10.318	124.934	5190.366	124.934	5190.366
8/9/09	16:00:00	4455	15.327	10.318	124.934	5190.366	124.934	5190.366
8/9/09	16:05:00	4460	15.328	10.318	124.933	5190.367	124.933	5190.367
8/9/09	16:10:00	4465	15.327	10.322	124.935	5190.365	124.935	5190.365
8/9/09	16:15:00	4470	15.328	10.321	124.933	5190.367	124.933	5190.367
8/9/09	16:20:00	4475	15.327	10.321	124.935	5190.365	124.935	5190.365

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/9/09	16:25:00	4480	15.327	10.321	124.934	5190.366	124.934	5190.366
8/9/09	16:30:00	4485	15.326	10.323	124.937	5190.363	124.937	5190.363
8/9/09	16:35:00	4490	15.327	10.326	124.935	5190.365	124.935	5190.365
8/9/09	16:40:00	4495	15.326	10.325	124.937	5190.363	124.937	5190.363
8/9/09	16:45:00	4500	15.327	10.328	124.934	5190.366	124.934	5190.366
8/9/09	16:50:00	4505	15.327	10.327	124.934	5190.366	124.934	5190.366
8/9/09	16:55:00	4510	15.326	10.327	124.936	5190.364	124.936	5190.364
8/9/09	17:00:00	4515	15.328	10.328	124.932	5190.368	124.932	5190.368
8/9/09	17:05:00	4520	15.327	10.326	124.934	5190.366	124.934	5190.366
8/9/09	17:10:00	4525	15.326	10.326	124.936	5190.364	124.936	5190.364
8/9/09	17:15:00	4530	15.327	10.319	124.934	5190.366	124.934	5190.366
8/9/09	17:20:00	4535	15.325	10.321	124.938	5190.362	124.938	5190.362
8/9/09	17:25:00	4540	15.327	10.324	124.936	5190.364	124.936	5190.364
8/9/09	17:30:00	4545	15.328	10.323	124.933	5190.367	124.933	5190.367
8/9/09	17:35:00	4550	15.326	10.323	124.938	5190.362	124.938	5190.362
8/9/09	17:40:00	4555	15.328	10.326	124.932	5190.368	124.932	5190.368
8/9/09	17:45:00	4560	15.327	10.326	124.934	5190.366	124.934	5190.366
8/9/09	17:50:00	4565	15.328	10.328	124.931	5190.369	124.931	5190.369
8/9/09	17:55:00	4570	15.328	10.330	124.933	5190.367	124.933	5190.367
8/9/09	18:00:00	4575	15.329	10.330	124.931	5190.369	124.931	5190.369
8/9/09	18:05:00	4580	15.328	10.329	124.932	5190.368	124.932	5190.368
8/9/09	18:10:00	4585	15.328	10.322	124.932	5190.368	124.932	5190.368
8/9/09	18:15:00	4590	15.326	10.322	124.936	5190.364	124.936	5190.364
8/9/09	18:20:00	4595	15.328	10.321	124.933	5190.367	124.933	5190.367
8/9/09	18:25:00	4600	15.328	10.324	124.933	5190.367	124.933	5190.367
8/9/09	18:30:00	4605	15.328	10.327	124.933	5190.367	124.933	5190.367
8/9/09	18:35:00	4610	15.329	10.326	124.930	5190.370	124.930	5190.370
8/9/09	18:40:00	4615	15.329	10.327	124.930	5190.370	124.930	5190.370
8/9/09	18:45:00	4620	15.330	10.329	124.929	5190.371	124.929	5190.371
8/9/09	18:50:00	4625	15.327	10.327	124.933	5190.367	124.933	5190.367
8/9/09	18:55:00	4630	15.329	10.328	124.931	5190.369	124.931	5190.369
8/9/09	19:00:00	4635	15.330	10.332	124.928	5190.372	124.928	5190.372
8/9/09	19:05:00	4640	15.329	10.326	124.930	5190.370	124.930	5190.370
8/9/09	19:10:00	4645	15.330	10.331	124.929	5190.371	124.929	5190.371
8/9/09	19:15:00	4650	15.329	10.330	124.930	5190.370	124.930	5190.370
8/9/09	19:20:00	4655	15.330	10.329	124.927	5190.373	124.927	5190.373
8/9/09	19:25:00	4660	15.330	10.329	124.928	5190.372	124.928	5190.372
8/9/09	19:30:00	4665	15.330	10.329	124.927	5190.373	124.927	5190.373
8/9/09	19:35:00	4670	15.329	10.330	124.929	5190.371	124.929	5190.371
8/9/09	19:40:00	4675	15.330	10.332	124.927	5190.373	124.927	5190.373
8/9/09	19:45:00	4680	15.330	10.329	124.929	5190.371	124.929	5190.371
8/9/09	19:50:00	4685	15.330	10.327	124.927	5190.373	124.927	5190.373
8/9/09	19:55:00	4690	15.330	10.329	124.927	5190.373	124.927	5190.373
8/9/09	20:00:00	4695	15.331	10.328	124.924	5190.376	124.924	5190.376
8/9/09	20:05:00	4700	15.331	10.333	124.925	5190.375	124.925	5190.375
8/9/09	20:10:00	4705	15.330	10.333	124.927	5190.373	124.927	5190.373
8/9/09	20:15:00	4710	15.331	10.331	124.925	5190.375	124.925	5190.375
8/9/09	20:20:00	4715	15.331	10.333	124.924	5190.376	124.924	5190.376
8/9/09	20:25:00	4720	15.331	10.333	124.926	5190.374	124.926	5190.374
8/9/09	20:30:00	4725	15.332	10.330	124.924	5190.376	124.924	5190.376
8/9/09	20:35:00	4730	15.332	10.332	124.923	5190.377	124.923	5190.377
8/9/09	20:40:00	4735	15.331	10.330	124.926	5190.374	124.926	5190.374
8/9/09	20:45:00	4740	15.331	10.330	124.924	5190.376	124.924	5190.376
8/9/09	20:50:00	4745	15.332	10.331	124.923	5190.377	124.923	5190.377
8/9/09	20:55:00	4750	15.331	10.333	124.925	5190.375	124.925	5190.375
8/9/09	21:00:00	4755	15.331	10.331	124.926	5190.374	124.926	5190.374

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	TOC Elev				Corrected DTW	Corrected Elev
			SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	5315.300 GW Elevation		
8/9/09	21:05:00	4760	15.331	10.325	124.925	5190.375	124.925	5190.375
8/9/09	21:10:00	4765	15.331	10.325	124.926	5190.374	124.926	5190.374
8/9/09	21:15:00	4770	15.331	10.327	124.926	5190.374	124.926	5190.374
8/9/09	21:20:00	4775	15.332	10.331	124.924	5190.376	124.924	5190.376
8/9/09	21:25:00	4780	15.331	10.331	124.926	5190.374	124.926	5190.374
8/9/09	21:30:00	4785	15.331	10.328	124.925	5190.375	124.925	5190.375
8/9/09	21:35:00	4790	15.331	10.326	124.926	5190.374	124.926	5190.374
8/9/09	21:40:00	4795	15.332	10.324	124.924	5190.376	124.924	5190.376
8/9/09	21:45:00	4800	15.331	10.323	124.926	5190.374	124.926	5190.374
8/9/09	21:50:00	4805	15.332	10.324	124.923	5190.377	124.923	5190.377
8/9/09	21:55:00	4810	15.331	10.326	124.925	5190.375	124.925	5190.375
8/9/09	22:00:00	4815	15.332	10.324	124.922	5190.378	124.922	5190.378
8/9/09	22:05:00	4820	15.330	10.328	124.928	5190.372	124.928	5190.372
8/9/09	22:10:00	4825	15.330	10.330	124.928	5190.372	124.928	5190.372
8/9/09	22:15:00	4830	15.330	10.329	124.928	5190.372	124.928	5190.372
8/9/09	22:20:00	4835	15.330	10.328	124.929	5190.371	124.929	5190.371
8/9/09	22:25:00	4840	15.331	10.325	124.926	5190.374	124.926	5190.374
8/9/09	22:30:00	4845	15.330	10.324	124.929	5190.371	124.929	5190.371
8/9/09	22:35:00	4850	15.330	10.322	124.928	5190.372	124.928	5190.372
8/9/09	22:40:00	4855	15.328	10.327	124.932	5190.368	124.932	5190.368
8/9/09	22:45:00	4860	15.330	10.326	124.928	5190.372	124.928	5190.372
8/9/09	22:50:00	4865	15.329	10.330	124.929	5190.371	124.929	5190.371
8/9/09	22:55:00	4870	15.329	10.332	124.930	5190.370	124.930	5190.370
8/9/09	23:00:00	4875	15.328	10.330	124.932	5190.368	124.932	5190.368
8/9/09	23:05:00	4880	15.329	10.323	124.930	5190.370	124.930	5190.370
8/9/09	23:10:00	4885	15.328	10.325	124.933	5190.367	124.933	5190.367
8/9/09	23:15:00	4890	15.327	10.327	124.935	5190.365	124.935	5190.365
8/9/09	23:20:00	4895	15.326	10.326	124.936	5190.364	124.936	5190.364
8/9/09	23:25:00	4900	15.326	10.324	124.937	5190.363	124.937	5190.363
8/9/09	23:30:00	4905	15.327	10.325	124.935	5190.365	124.935	5190.365
8/9/09	23:35:00	4910	15.327	10.321	124.934	5190.366	124.934	5190.366
8/9/09	23:40:00	4915	15.326	10.324	124.937	5190.363	124.937	5190.363
8/9/09	23:45:00	4920	15.326	10.327	124.937	5190.363	124.937	5190.363
8/9/09	23:50:00	4925	15.326	10.328	124.938	5190.362	124.938	5190.362
8/9/09	23:55:00	4930	15.326	10.328	124.937	5190.363	124.937	5190.363
8/10/09	0:00:00	4935	15.323	10.328	124.943	5190.357	124.943	5190.357
8/10/09	0:05:00	4940	15.323	10.326	124.944	5190.356	124.944	5190.356
8/10/09	0:10:00	4945	15.324	10.328	124.942	5190.358	124.942	5190.358
8/10/09	0:15:00	4950	15.322	10.329	124.946	5190.354	124.946	5190.354
8/10/09	0:20:00	4955	15.323	10.333	124.943	5190.357	124.943	5190.357
8/10/09	0:25:00	4960	15.323	10.331	124.943	5190.357	124.943	5190.357
8/10/09	0:30:00	4965	15.322	10.332	124.946	5190.354	124.946	5190.354
8/10/09	0:35:00	4970	15.322	10.333	124.947	5190.353	124.947	5190.353
8/10/09	0:40:00	4975	15.323	10.330	124.944	5190.356	124.944	5190.356
8/10/09	0:45:00	4980	15.322	10.333	124.946	5190.354	124.946	5190.354
8/10/09	0:50:00	4985	15.321	10.331	124.949	5190.351	124.949	5190.351
8/10/09	0:55:00	4990	15.321	10.334	124.948	5190.352	124.948	5190.352
8/10/09	1:00:00	4995	15.321	10.333	124.949	5190.351	124.949	5190.351
8/10/09	1:05:00	5000	15.322	10.329	124.947	5190.353	124.947	5190.353
8/10/09	1:10:00	5005	15.321	10.328	124.949	5190.351	124.949	5190.351
8/10/09	1:15:00	5010	15.320	10.327	124.950	5190.350	124.950	5190.350
8/10/09	1:20:00	5015	15.320	10.328	124.951	5190.349	124.951	5190.349
8/10/09	1:25:00	5020	15.319	10.330	124.953	5190.347	124.953	5190.347
8/10/09	1:30:00	5025	15.318	10.330	124.954	5190.346	124.954	5190.346
8/10/09	1:35:00	5030	15.319	10.327	124.952	5190.348	124.952	5190.348
8/10/09	1:40:00	5035	15.319	10.328	124.953	5190.347	124.953	5190.347

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/10/09	1:45:00	5040	15.318	10.329	124.956	5190.344	124.956	5190.344
8/10/09	1:50:00	5045	15.318	10.330	124.955	5190.345	124.955	5190.345
8/10/09	1:55:00	5050	15.318	10.329	124.955	5190.345	124.955	5190.345
8/10/09	2:00:00	5055	15.317	10.329	124.957	5190.343	124.957	5190.343
8/10/09	2:05:00	5060	15.319	10.329	124.954	5190.346	124.954	5190.346
8/10/09	2:10:00	5065	15.318	10.326	124.955	5190.345	124.955	5190.345
8/10/09	2:15:00	5070	15.317	10.328	124.958	5190.342	124.958	5190.342
8/10/09	2:20:00	5075	15.317	10.329	124.957	5190.343	124.957	5190.343
8/10/09	2:25:00	5080	15.317	10.330	124.958	5190.342	124.958	5190.342
8/10/09	2:30:00	5085	15.316	10.328	124.959	5190.341	124.959	5190.341
8/10/09	2:35:00	5090	15.316	10.328	124.959	5190.341	124.959	5190.341
8/10/09	2:40:00	5095	15.316	10.328	124.960	5190.340	124.960	5190.340
8/10/09	2:45:00	5100	15.316	10.328	124.959	5190.341	124.959	5190.341
8/10/09	2:50:00	5105	15.317	10.331	124.958	5190.342	124.958	5190.342
8/10/09	2:55:00	5110	15.315	10.331	124.962	5190.338	124.962	5190.338
8/10/09	3:00:00	5115	15.315	10.327	124.962	5190.338	124.962	5190.338
8/10/09	3:05:00	5120	15.314	10.332	124.965	5190.335	124.965	5190.335
8/10/09	3:10:00	5125	15.316	10.329	124.961	5190.339	124.961	5190.339
8/10/09	3:15:00	5130	15.314	10.330	124.963	5190.337	124.963	5190.337
8/10/09	3:20:00	5135	15.314	10.333	124.965	5190.335	124.965	5190.335
8/10/09	3:25:00	5140	15.314	10.332	124.964	5190.336	124.964	5190.336
8/10/09	3:30:00	5145	15.315	10.331	124.963	5190.337	124.963	5190.337
8/10/09	3:35:00	5150	15.314	10.328	124.963	5190.337	124.963	5190.337
8/10/09	3:40:00	5155	15.315	10.327	124.963	5190.337	124.963	5190.337
8/10/09	3:45:00	5160	15.314	10.327	124.965	5190.335	124.965	5190.335
8/10/09	3:50:00	5165	15.313	10.327	124.967	5190.333	124.967	5190.333
8/10/09	3:55:00	5170	15.313	10.330	124.968	5190.332	124.968	5190.332
8/10/09	4:00:00	5175	15.314	10.330	124.965	5190.335	124.965	5190.335
8/10/09	4:05:00	5180	15.313	10.331	124.968	5190.332	124.968	5190.332
8/10/09	4:10:00	5185	15.313	10.329	124.967	5190.333	124.967	5190.333
8/10/09	4:15:00	5190	15.312	10.326	124.970	5190.330	124.970	5190.330
8/10/09	4:20:00	5195	15.313	10.329	124.968	5190.332	124.968	5190.332
8/10/09	4:25:00	5200	15.312	10.329	124.969	5190.331	124.969	5190.331
8/10/09	4:30:00	5205	15.312	10.330	124.969	5190.331	124.969	5190.331
8/10/09	4:35:00	5210	15.312	10.328	124.969	5190.331	124.969	5190.331
8/10/09	4:40:00	5215	15.313	10.326	124.966	5190.334	124.966	5190.334
8/10/09	4:45:00	5220	15.312	10.325	124.969	5190.331	124.969	5190.331
8/10/09	4:50:00	5225	15.312	10.322	124.968	5190.332	124.968	5190.332
8/10/09	4:55:00	5230	15.313	10.323	124.966	5190.334	124.966	5190.334
8/10/09	5:00:00	5235	15.312	10.326	124.969	5190.331	124.969	5190.331
8/10/09	5:05:00	5240	15.311	10.328	124.971	5190.329	124.971	5190.329
8/10/09	5:10:00	5245	15.312	10.328	124.970	5190.330	124.970	5190.330
8/10/09	5:15:00	5250	15.311	10.327	124.971	5190.329	124.971	5190.329
8/10/09	5:20:00	5255	15.312	10.332	124.968	5190.332	124.968	5190.332
8/10/09	5:25:00	5260	15.312	10.328	124.968	5190.332	124.968	5190.332
8/10/09	5:30:00	5265	15.312	10.328	124.970	5190.330	124.970	5190.330
8/10/09	5:35:00	5270	15.312	10.328	124.969	5190.331	124.969	5190.331
8/10/09	5:40:00	5275	15.310	10.324	124.975	5190.325	124.975	5190.325
8/10/09	5:45:00	5280	15.313	10.324	124.967	5190.333	124.967	5190.333
8/10/09	5:50:00	5285	15.311	10.320	124.971	5190.329	124.971	5190.329
8/10/09	5:55:00	5290	15.312	10.317	124.969	5190.331	124.969	5190.331
8/10/09	6:00:00	5295	15.313	10.317	124.968	5190.332	124.968	5190.332
8/10/09	6:05:00	5300	15.312	10.318	124.969	5190.331	124.969	5190.331
8/10/09	6:10:00	5305	15.311	10.317	124.971	5190.329	124.971	5190.329
8/10/09	6:15:00	5310	15.312	10.317	124.970	5190.330	124.970	5190.330
8/10/09	6:20:00	5315	15.311	10.319	124.972	5190.328	124.972	5190.328



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/10/09	6:25:00	5320	15.311	10.316	124.972	5190.328	124.972	5190.328
8/10/09	6:30:00	5325	15.311	10.319	124.971	5190.329	124.971	5190.329
8/10/09	6:35:00	5330	15.311	10.317	124.971	5190.329	124.971	5190.329
8/10/09	6:40:00	5335	15.312	10.316	124.969	5190.331	124.969	5190.331
8/10/09	6:45:00	5340	15.312	10.315	124.970	5190.330	124.970	5190.330
8/10/09	6:50:00	5345	15.312	10.318	124.970	5190.330	124.970	5190.330
8/10/09	6:55:00	5350	15.311	10.318	124.972	5190.328	124.972	5190.328
8/10/09	7:00:00	5355	15.311	10.324	124.972	5190.328	124.972	5190.328
8/10/09	7:05:00	5360	15.310	10.324	124.973	5190.327	124.973	5190.327
8/10/09	7:10:00	5365	15.311	10.324	124.971	5190.329	124.971	5190.329
8/10/09	7:15:00	5370	15.309	10.325	124.977	5190.323	124.977	5190.323
8/10/09	7:20:00	5375	15.311	10.328	124.972	5190.328	124.972	5190.328
8/10/09	7:25:00	5380	15.310	10.328	124.974	5190.326	124.974	5190.326
8/10/09	7:30:00	5385	15.309	10.328	124.975	5190.325	124.975	5190.325
8/10/09	7:35:00	5390	15.308	10.329	124.977	5190.323	124.977	5190.323
8/10/09	7:40:00	5395	15.310	10.331	124.975	5190.325	124.975	5190.325
8/10/09	7:45:00	5400	15.309	10.329	124.975	5190.325	124.975	5190.325
8/10/09	7:50:00	5405	15.309	10.329	124.976	5190.324	124.976	5190.324
8/10/09	7:55:00	5410	15.310	10.328	124.973	5190.327	124.973	5190.327
8/10/09	8:00:00	5415	15.308	10.325	124.979	5190.321	124.979	5190.321
8/10/09	8:05:00	5420	15.309	10.326	124.975	5190.325	124.975	5190.325
8/10/09	8:10:00	5425	15.309	10.329	124.977	5190.323	124.977	5190.323
8/10/09	8:15:00	5430	15.309	10.330	124.976	5190.324	124.976	5190.324
8/10/09	8:20:00	5435	15.308	10.331	124.978	5190.322	124.978	5190.322
8/10/09	8:25:00	5440	15.308	10.329	124.978	5190.322	124.978	5190.322
8/10/09	8:30:00	5445	15.308	10.330	124.979	5190.321	124.979	5190.321
8/10/09	8:35:00	5450	15.308	10.328	124.979	5190.321	124.979	5190.321
8/10/09	8:40:00	5455	15.308	10.329	124.979	5190.321	124.979	5190.321
8/10/09	8:45:00	5460	15.308	10.331	124.978	5190.322	124.978	5190.322
8/10/09	8:50:00	5465	15.309	10.331	124.977	5190.323	124.977	5190.323
8/10/09	8:55:00	5470	15.308	10.329	124.979	5190.321	124.979	5190.321
8/10/09	9:00:00	5475	15.307	10.327	124.982	5190.318	124.982	5190.318
8/10/09	9:05:00	5480	15.308	10.328	124.979	5190.321	124.979	5190.321
8/10/09	9:10:00	5485	15.307	10.328	124.981	5190.319	124.981	5190.319
8/10/09	9:15:00	5490	15.307	10.328	124.980	5190.320	124.980	5190.320
8/10/09	9:20:00	5495	15.307	10.325	124.981	5190.319	124.981	5190.319
8/10/09	9:25:00	5500	15.306	10.327	124.983	5190.317	124.983	5190.317
8/10/09	9:30:00	5505	15.308	10.327	124.979	5190.321	124.979	5190.321
8/10/09	9:35:00	5510	15.308	10.325	124.979	5190.321	124.979	5190.321
8/10/09	9:40:00	5515	15.307	10.326	124.981	5190.319	124.981	5190.319
8/10/09	9:45:00	5520	15.306	10.330	124.982	5190.318	124.982	5190.318
8/10/09	9:50:00	5525	15.308	10.324	124.979	5190.321	124.979	5190.321
8/10/09	9:55:00	5530	15.306	10.320	124.983	5190.317	124.983	5190.317
8/10/09	10:00:00	5535	15.307	10.320	124.982	5190.318	124.982	5190.318
8/10/09	10:05:00	5540	15.305	10.321	124.985	5190.315	124.985	5190.315
8/10/09	10:10:00	5545	15.304	10.325	124.987	5190.313	124.987	5190.313
8/10/09	10:15:00	5550	15.306	10.327	124.983	5190.317	124.983	5190.317
8/10/09	10:20:00	5555	15.305	10.327	124.984	5190.316	124.984	5190.316
8/10/09	10:25:00	5560	15.306	10.331	124.983	5190.317	124.983	5190.317
8/10/09	10:30:00	5565	15.305	10.329	124.986	5190.314	124.986	5190.314
8/10/09	10:35:00	5570	15.305	10.329	124.985	5190.315	124.985	5190.315
8/10/09	10:40:00	5575	15.304	10.326	124.988	5190.312	124.988	5190.312
8/10/09	10:45:00	5580	15.304	10.329	124.987	5190.313	124.987	5190.313
8/10/09	10:50:00	5585	15.305	10.329	124.985	5190.315	124.985	5190.315
8/10/09	10:55:00	5590	15.304	10.327	124.988	5190.312	124.988	5190.312
8/10/09	11:00:00	5595	15.304	10.328	124.988	5190.312	124.988	5190.312

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/10/09	11:05:00	5600	15.304	10.328	124.988	5190.312	124.988	5190.312
8/10/09	11:10:00	5605	15.304	10.331	124.988	5190.312	124.988	5190.312
8/10/09	11:15:00	5610	15.304	10.328	124.988	5190.312	124.988	5190.312
8/10/09	11:20:00	5615	15.303	10.327	124.990	5190.310	124.990	5190.310
8/10/09	11:25:00	5620	15.304	10.329	124.988	5190.312	124.988	5190.312
8/10/09	11:30:00	5625	15.304	10.325	124.988	5190.312	124.988	5190.312
8/10/09	11:35:00	5630	15.302	10.325	124.991	5190.309	124.991	5190.309
8/10/09	11:40:00	5635	15.302	10.330	124.992	5190.308	124.992	5190.308
8/10/09	11:45:00	5640	15.301	10.327	124.994	5190.306	124.994	5190.306
8/10/09	11:50:00	5645	15.302	10.327	124.991	5190.309	124.991	5190.309
8/10/09	11:55:00	5650	15.302	10.331	124.993	5190.307	124.993	5190.307
8/10/09	12:00:00	5655	15.301	10.326	124.994	5190.306	124.994	5190.306
8/10/09	12:05:00	5660	15.302	10.326	124.992	5190.308	124.992	5190.308
8/10/09	12:10:00	5665	15.302	10.329	124.992	5190.308	124.992	5190.308
8/10/09	12:15:00	5670	15.302	10.326	124.993	5190.307	124.993	5190.307
8/10/09	12:20:00	5675	15.301	10.328	124.994	5190.306	124.994	5190.306
8/10/09	12:25:00	5680	15.301	10.329	124.994	5190.306	124.994	5190.306
8/10/09	12:30:00	5685	15.300	10.329	124.997	5190.303	124.997	5190.303
8/10/09	12:35:00	5690	15.301	10.332	124.994	5190.306	124.994	5190.306
8/10/09	12:40:00	5695	15.300	10.328	124.997	5190.303	124.997	5190.303
8/10/09	12:45:00	5700	15.300	10.330	124.997	5190.303	124.997	5190.303
8/10/09	12:50:00	5705	15.301	10.331	124.994	5190.306	124.994	5190.306
8/10/09	12:55:00	5710	15.300	10.333	124.997	5190.303	124.997	5190.303
8/10/09	13:00:00	5715	15.300	10.332	124.998	5190.302	124.998	5190.302
8/10/09	13:05:00	5720	15.300	10.332	124.996	5190.304	124.996	5190.304
8/10/09	13:10:00	5725	15.299	10.332	124.999	5190.301	124.999	5190.301
8/10/09	13:15:00	5730	15.301	10.331	124.994	5190.306	124.994	5190.306
8/10/09	13:20:00	5735	15.298	10.331	125.001	5190.299	125.001	5190.299
8/10/09	13:25:00	5740	15.298	10.331	125.002	5190.298	125.002	5190.298
8/10/09	13:30:00	5745	15.298	10.338	125.001	5190.299	125.001	5190.299
8/10/09	13:35:00	5750	15.299	10.333	125.000	5190.300	125.000	5190.300
8/10/09	13:40:00	5755	15.299	10.333	125.000	5190.300	125.000	5190.300
8/10/09	13:45:00	5760	15.300	10.330	124.997	5190.303	124.997	5190.303
8/10/09	13:50:00	5765	15.300	10.331	124.996	5190.304	124.996	5190.304
8/10/09	13:55:00	5770	15.299	10.330	125.000	5190.300	125.000	5190.300
8/10/09	14:00:00	5775	15.297	10.331	125.003	5190.297	125.003	5190.297
8/10/09	14:05:00	5780	15.297	10.330	125.003	5190.297	125.003	5190.297
8/10/09	14:10:00	5785	15.298	10.331	125.001	5190.299	125.001	5190.299
8/10/09	14:15:00	5790	15.299	10.330	125.000	5190.300	125.000	5190.300
8/10/09	14:20:00	5795	15.297	10.331	125.004	5190.296	125.004	5190.296
8/10/09	14:25:00	5800	15.299	10.331	125.000	5190.300	125.000	5190.300
8/10/09	14:30:00	5805	15.296	10.330	125.005	5190.295	125.005	5190.295
8/10/09	14:35:00	5810	15.298	10.332	125.001	5190.299	125.001	5190.299
8/10/09	14:40:00	5815	15.297	10.329	125.003	5190.297	125.003	5190.297
8/10/09	14:45:00	5820	15.298	10.331	125.001	5190.299	125.001	5190.299
8/10/09	14:50:00	5825	15.297	10.333	125.005	5190.295	125.005	5190.295
8/10/09	14:55:00	5830	15.296	10.329	125.005	5190.295	125.005	5190.295
8/10/09	15:00:00	5835	15.298	10.328	125.002	5190.298	125.002	5190.298
8/10/09	15:05:00	5840	15.299	10.328	124.999	5190.301	124.999	5190.301
8/10/09	15:10:00	5845	15.297	10.327	125.005	5190.295	125.005	5190.295
8/10/09	15:15:00	5850	15.298	10.334	125.000	5190.300	125.000	5190.300
8/10/09	15:20:00	5855	15.297	10.330	125.003	5190.297	125.003	5190.297
8/10/09	15:25:00	5860	15.297	10.331	125.005	5190.295	125.005	5190.295
8/10/09	15:30:00	5865	15.296	10.327	125.005	5190.295	125.005	5190.295
8/10/09	15:35:00	5870	15.298	10.331	125.001	5190.299	125.001	5190.299
8/10/09	15:40:00	5875	15.299	10.329	125.000	5190.300	125.000	5190.300

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/10/09	15:45:00	5880	15.296	10.330	125.005	5190.295	125.005	5190.295
8/10/09	15:50:00	5885	15.299	10.331	124.999	5190.301	124.999	5190.301
8/10/09	15:55:00	5890	15.297	10.330	125.004	5190.296	125.004	5190.296
8/10/09	16:00:00	5895	15.299	10.330	124.998	5190.302	124.998	5190.302
8/10/09	16:05:00	5900	15.298	10.326	125.002	5190.298	125.002	5190.298
8/10/09	16:10:00	5905	15.298	10.325	125.002	5190.298	125.002	5190.298
8/10/09	16:15:00	5910	15.298	10.321	125.002	5190.298	125.002	5190.298
8/10/09	16:20:00	5915	15.296	10.323	125.005	5190.295	125.005	5190.295
8/10/09	16:25:00	5920	15.299	10.326	125.000	5190.300	125.000	5190.300
8/10/09	16:30:00	5925	15.299	10.326	125.000	5190.300	125.000	5190.300
8/10/09	16:35:00	5930	15.298	10.320	125.002	5190.298	125.002	5190.298
8/10/09	16:40:00	5935	15.298	10.316	125.001	5190.299	125.001	5190.299
8/10/09	16:45:00	5940	15.300	10.320	124.998	5190.302	124.998	5190.302
8/10/09	16:50:00	5945	15.300	10.317	124.997	5190.303	124.997	5190.303
8/10/09	16:55:00	5950	15.300	10.318	124.998	5190.302	124.998	5190.302
8/10/09	17:00:00	5955	15.297	10.318	125.003	5190.297	125.003	5190.297
8/10/09	17:05:00	5960	15.299	10.318	125.000	5190.300	125.000	5190.300
8/10/09	17:10:00	5965	15.300	10.321	124.998	5190.302	124.998	5190.302
8/10/09	17:15:00	5970	15.300	10.319	124.996	5190.304	124.996	5190.304
8/10/09	17:20:00	5975	15.301	10.316	124.995	5190.305	124.995	5190.305
8/10/09	17:25:00	5980	15.300	10.318	124.998	5190.302	124.998	5190.302
8/10/09	17:30:00	5985	15.300	10.315	124.998	5190.302	124.998	5190.302
8/10/09	17:35:00	5990	15.301	10.315	124.994	5190.306	124.994	5190.306
8/10/09	17:40:00	5995	15.300	10.319	124.997	5190.303	124.997	5190.303
8/10/09	17:45:00	6000	15.301	10.319	124.994	5190.306	124.994	5190.306
8/10/09	17:50:00	6005	15.300	10.322	124.996	5190.304	124.996	5190.304
8/10/09	17:55:00	6010	15.300	10.325	124.998	5190.302	124.998	5190.302
8/10/09	18:00:00	6015	15.301	10.325	124.995	5190.305	124.995	5190.305
8/10/09	18:05:00	6020	15.300	10.327	124.996	5190.304	124.996	5190.304
8/10/09	18:10:00	6025	15.301	10.330	124.994	5190.306	124.994	5190.306
8/10/09	18:15:00	6030	15.301	10.329	124.995	5190.305	124.995	5190.305
8/10/09	18:20:00	6035	15.302	10.319	124.992	5190.308	124.992	5190.308
8/10/09	18:25:00	6040	15.302	10.325	124.993	5190.307	124.993	5190.307
8/10/09	18:30:00	6045	15.301	10.323	124.995	5190.305	124.995	5190.305
8/10/09	18:35:00	6050	15.301	10.324	124.994	5190.306	124.994	5190.306
8/10/09	18:40:00	6055	15.303	10.324	124.990	5190.310	124.990	5190.310
8/10/09	18:45:00	6060	15.302	10.320	124.992	5190.308	124.992	5190.308
8/10/09	18:50:00	6065	15.303	10.318	124.990	5190.310	124.990	5190.310
8/10/09	18:55:00	6070	15.304	10.314	124.988	5190.312	124.988	5190.312
8/10/09	19:00:00	6075	15.302	10.316	124.991	5190.309	124.991	5190.309
8/10/09	19:05:00	6080	15.304	10.316	124.988	5190.312	124.988	5190.312
8/10/09	19:10:00	6085	15.304	10.319	124.988	5190.312	124.988	5190.312
8/10/09	19:15:00	6090	15.304	10.320	124.987	5190.313	124.987	5190.313
8/10/09	19:20:00	6095	15.304	10.320	124.987	5190.313	124.987	5190.313
8/10/09	19:25:00	6100	15.304	10.325	124.987	5190.313	124.987	5190.313
8/10/09	19:30:00	6105	15.304	10.326	124.988	5190.312	124.988	5190.312
8/10/09	19:35:00	6110	15.306	10.330	124.984	5190.316	124.984	5190.316
8/10/09	19:40:00	6115	15.305	10.331	124.986	5190.314	124.986	5190.314
8/10/09	19:45:00	6120	15.306	10.333	124.982	5190.318	124.982	5190.318
8/10/09	19:50:00	6125	15.306	10.330	124.982	5190.318	124.982	5190.318
8/10/09	19:55:00	6130	15.306	10.330	124.983	5190.317	124.983	5190.317
8/10/09	20:00:00	6135	15.306	10.326	124.983	5190.317	124.983	5190.317
8/10/09	20:05:00	6140	15.307	10.326	124.981	5190.319	124.981	5190.319
8/10/09	20:10:00	6145	15.307	10.328	124.982	5190.318	124.982	5190.318
8/10/09	20:15:00	6150	15.307	10.331	124.982	5190.318	124.982	5190.318
8/10/09	20:20:00	6155	15.308	10.330	124.979	5190.321	124.979	5190.321

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/10/09	20:25:00	6160	15.307	10.332	124.981	5190.319	124.981	5190.319
8/10/09	20:30:00	6165	15.307	10.331	124.981	5190.319	124.981	5190.319
8/10/09	20:35:00	6170	15.308	10.329	124.978	5190.322	124.978	5190.322
8/10/09	20:40:00	6175	15.308	10.331	124.979	5190.321	124.979	5190.321
8/10/09	20:45:00	6180	15.309	10.331	124.977	5190.323	124.977	5190.323
8/10/09	20:50:00	6185	15.309	10.329	124.977	5190.323	124.977	5190.323
8/10/09	20:55:00	6190	15.309	10.331	124.976	5190.324	124.976	5190.324
8/10/09	21:00:00	6195	15.309	10.331	124.977	5190.323	124.977	5190.323
8/10/09	21:05:00	6200	15.307	10.332	124.980	5190.320	124.980	5190.320
8/10/09	21:10:00	6205	15.309	10.330	124.975	5190.325	124.975	5190.325
8/10/09	21:15:00	6210	15.308	10.331	124.978	5190.322	124.978	5190.322
8/10/09	21:20:00	6215	15.308	10.328	124.977	5190.323	124.977	5190.323
8/10/09	21:25:00	6220	15.309	10.331	124.975	5190.325	124.975	5190.325
8/10/09	21:30:00	6225	15.308	10.329	124.978	5190.322	124.978	5190.322
8/10/09	21:35:00	6230	15.306	10.326	124.984	5190.316	124.984	5190.316
8/10/09	21:40:00	6235	15.308	10.333	124.977	5190.323	124.977	5190.323
8/10/09	21:45:00	6240	15.307	10.330	124.980	5190.320	124.980	5190.320
8/10/09	21:50:00	6245	15.309	10.331	124.976	5190.324	124.976	5190.324
8/10/09	21:55:00	6250	15.310	10.331	124.974	5190.326	124.974	5190.326
8/10/09	22:00:00	6255	15.307	10.329	124.981	5190.319	124.981	5190.319
8/10/09	22:05:00	6260	15.307	10.332	124.980	5190.320	124.980	5190.320
8/10/09	22:10:00	6265	15.309	10.331	124.977	5190.323	124.977	5190.323
8/10/09	22:15:00	6270	15.307	10.330	124.980	5190.320	124.980	5190.320
8/10/09	22:20:00	6275	15.307	10.333	124.980	5190.320	124.980	5190.320
8/10/09	22:25:00	6280	15.308	10.327	124.978	5190.322	124.978	5190.322
8/10/09	22:30:00	6285	15.307	10.330	124.980	5190.320	124.980	5190.320
8/10/09	22:35:00	6290	15.309	10.332	124.977	5190.323	124.977	5190.323
8/10/09	22:40:00	6295	15.306	10.328	124.984	5190.316	124.984	5190.316
8/10/09	22:45:00	6300	15.307	10.320	124.981	5190.319	124.981	5190.319
8/10/09	22:50:00	6305	15.308	10.321	124.979	5190.321	124.979	5190.321
8/10/09	22:55:00	6310	15.308	10.325	124.979	5190.321	124.979	5190.321
8/10/09	23:00:00	6315	15.306	10.324	124.984	5190.316	124.984	5190.316
8/10/09	23:05:00	6320	15.307	10.325	124.982	5190.318	124.982	5190.318
8/10/09	23:10:00	6325	15.307	10.329	124.981	5190.319	124.981	5190.319
8/10/09	23:15:00	6330	15.306	10.332	124.982	5190.318	124.982	5190.318
8/10/09	23:20:00	6335	15.306	10.330	124.983	5190.317	124.983	5190.317
8/10/09	23:25:00	6340	15.307	10.333	124.980	5190.320	124.980	5190.320
8/10/09	23:30:00	6345	15.306	10.334	124.983	5190.317	124.983	5190.317
8/10/09	23:35:00	6350	15.305	10.331	124.985	5190.315	124.985	5190.315
8/10/09	23:40:00	6355	15.306	10.331	124.982	5190.318	124.982	5190.318
8/10/09	23:45:00	6360	15.307	10.331	124.981	5190.319	124.981	5190.319
8/10/09	23:50:00	6365	15.306	10.330	124.983	5190.317	124.983	5190.317
8/10/09	23:55:00	6370	15.305	10.330	124.985	5190.315	124.985	5190.315
8/11/09	0:00:00	6375	15.305	10.333	124.985	5190.315	124.985	5190.315
8/11/09	0:05:00	6380	15.304	10.333	124.988	5190.312	124.988	5190.312
8/11/09	0:10:00	6385	15.303	10.331	124.989	5190.311	124.989	5190.311
8/11/09	0:15:00	6390	15.306	10.334	124.984	5190.316	124.984	5190.316
8/11/09	0:20:00	6395	15.307	10.332	124.982	5190.318	124.982	5190.318
8/11/09	0:25:00	6400	15.305	10.334	124.986	5190.314	124.986	5190.314
8/11/09	0:30:00	6405	15.304	10.333	124.987	5190.313	124.987	5190.313
8/11/09	0:35:00	6410	15.303	10.334	124.989	5190.311	124.989	5190.311
8/11/09	0:40:00	6415	15.303	10.332	124.989	5190.311	124.989	5190.311
8/11/09	0:45:00	6420	15.303	10.333	124.990	5190.310	124.990	5190.310
8/11/09	0:50:00	6425	15.303	10.331	124.989	5190.311	124.989	5190.311
8/11/09	0:55:00	6430	15.303	10.334	124.991	5190.309	124.991	5190.309
8/11/09	1:00:00	6435	15.303	10.335	124.991	5190.309	124.991	5190.309

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	1:05:00	6440	15.302	10.334	124.993	5190.307	124.993	5190.307
8/11/09	1:10:00	6445	15.302	10.331	124.991	5190.309	124.991	5190.309
8/11/09	1:15:00	6450	15.302	10.330	124.991	5190.309	124.991	5190.309
8/11/09	1:20:00	6455	15.301	10.328	124.994	5190.306	124.994	5190.306
8/11/09	1:25:00	6460	15.303	10.334	124.990	5190.310	124.990	5190.310
8/11/09	1:30:00	6465	15.302	10.333	124.992	5190.308	124.992	5190.308
8/11/09	1:35:00	6470	15.301	10.333	124.994	5190.306	124.994	5190.306
8/11/09	1:40:00	6475	15.302	10.333	124.992	5190.308	124.992	5190.308
8/11/09	1:45:00	6480	15.300	10.327	124.996	5190.304	124.996	5190.304
8/11/09	1:50:00	6485	15.301	10.328	124.994	5190.306	124.994	5190.306
8/11/09	1:55:00	6490	15.300	10.327	124.997	5190.303	124.997	5190.303
8/11/09	2:00:00	6495	15.301	10.328	124.996	5190.304	124.996	5190.304
8/11/09	2:05:00	6500	15.299	10.332	124.998	5190.302	124.998	5190.302
8/11/09	2:10:00	6505	15.299	10.330	124.998	5190.302	124.998	5190.302
8/11/09	2:15:00	6510	15.299	10.331	124.998	5190.302	124.998	5190.302
8/11/09	2:20:00	6515	15.298	10.330	125.001	5190.299	125.001	5190.299
8/11/09	2:25:00	6520	15.299	10.332	124.998	5190.302	124.998	5190.302
8/11/09	2:30:00	6525	15.299	10.330	124.999	5190.301	124.999	5190.301
8/11/09	2:35:00	6530	15.298	10.334	125.002	5190.298	125.002	5190.298
8/11/09	2:40:00	6535	15.297	10.330	125.004	5190.296	125.004	5190.296
8/11/09	2:45:00	6540	15.298	10.330	125.001	5190.299	125.001	5190.299
8/11/09	2:50:00	6545	15.299	10.332	125.000	5190.300	125.000	5190.300
8/11/09	2:55:00	6550	15.299	10.331	125.000	5190.300	125.000	5190.300
8/11/09	3:00:00	6555	15.298	10.332	125.001	5190.299	125.001	5190.299
8/11/09	3:05:00	6560	15.297	10.331	125.003	5190.297	125.003	5190.297
8/11/09	3:10:00	6565	15.298	10.328	125.002	5190.298	125.002	5190.298
8/11/09	3:15:00	6570	15.298	10.331	125.003	5190.297	125.003	5190.297
8/11/09	3:20:00	6575	15.297	10.332	125.003	5190.297	125.003	5190.297
8/11/09	3:25:00	6580	15.297	10.334	125.004	5190.296	125.004	5190.296
8/11/09	3:30:00	6585	15.297	10.331	125.004	5190.296	125.004	5190.296
8/11/09	3:35:00	6590	15.297	10.330	125.003	5190.297	125.003	5190.297
8/11/09	3:40:00	6595	15.297	10.328	125.005	5190.295	125.005	5190.295
8/11/09	3:45:00	6600	15.297	10.330	125.003	5190.297	125.003	5190.297
8/11/09	3:50:00	6605	15.296	10.329	125.005	5190.295	125.005	5190.295
8/11/09	3:55:00	6610	15.297	10.330	125.004	5190.296	125.004	5190.296
8/11/09	4:00:00	6615	15.297	10.328	125.004	5190.296	125.004	5190.296
8/11/09	4:05:00	6620	15.296	10.327	125.005	5190.295	125.005	5190.295
8/11/09	4:10:00	6625	15.295	10.328	125.007	5190.293	125.007	5190.293
8/11/09	4:15:00	6630	15.296	10.330	125.005	5190.295	125.005	5190.295
8/11/09	4:20:00	6635	15.296	10.328	125.005	5190.295	125.005	5190.295
8/11/09	4:25:00	6640	15.295	10.328	125.008	5190.292	125.008	5190.292
8/11/09	4:30:00	6645	15.296	10.326	125.006	5190.294	125.006	5190.294
8/11/09	4:35:00	6650	15.294	10.330	125.011	5190.289	125.011	5190.289
8/11/09	4:40:00	6655	15.294	10.330	125.010	5190.290	125.010	5190.290
8/11/09	4:45:00	6660	15.296	10.328	125.007	5190.293	125.007	5190.293
8/11/09	4:50:00	6665	15.295	10.330	125.008	5190.292	125.008	5190.292
8/11/09	4:55:00	6670	15.296	10.326	125.006	5190.294	125.006	5190.294
8/11/09	5:00:00	6675	15.296	10.322	125.005	5190.295	125.005	5190.295
8/11/09	5:05:00	6680	15.296	10.319	125.006	5190.294	125.006	5190.294
8/11/09	5:10:00	6685	15.296	10.319	125.007	5190.293	125.007	5190.293
8/11/09	5:15:00	6690	15.295	10.322	125.009	5190.291	125.009	5190.291
8/11/09	5:20:00	6695	15.296	10.319	125.005	5190.295	125.005	5190.295
8/11/09	5:25:00	6700	15.295	10.319	125.008	5190.292	125.008	5190.292
8/11/09	5:30:00	6705	15.295	10.323	125.009	5190.291	125.009	5190.291
8/11/09	5:35:00	6710	15.295	10.325	125.009	5190.291	125.009	5190.291
8/11/09	5:40:00	6715	15.295	10.328	125.008	5190.292	125.008	5190.292

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	5:45:00	6720	15.295	10.328	125.007	5190.293	125.007	5190.293
8/11/09	5:50:00	6725	15.295	10.330	125.009	5190.291	125.009	5190.291
8/11/09	5:55:00	6730	15.293	10.330	125.012	5190.288	125.012	5190.288
8/11/09	6:00:00	6735	15.296	10.330	125.007	5190.293	125.007	5190.293
8/11/09	6:05:00	6740	15.295	10.330	125.007	5190.293	125.007	5190.293
8/11/09	6:10:00	6745	15.295	10.329	125.008	5190.292	125.008	5190.292
8/11/09	6:15:00	6750	15.295	10.330	125.009	5190.291	125.009	5190.291
8/11/09	6:20:00	6755	15.296	10.331	125.007	5190.293	125.007	5190.293
8/11/09	6:25:00	6760	15.296	10.327	125.005	5190.295	125.005	5190.295
8/11/09	6:30:00	6765	15.295	10.331	125.008	5190.292	125.008	5190.292
8/11/09	6:35:00	6770	15.295	10.329	125.007	5190.293	125.007	5190.293
8/11/09	6:40:00	6775	15.295	10.330	125.009	5190.291	125.009	5190.291
8/11/09	6:45:00	6780	15.296	10.331	125.006	5190.294	125.006	5190.294
8/11/09	6:50:00	6785	15.294	10.331	125.010	5190.290	125.010	5190.290
8/11/09	6:55:00	6790	15.295	10.330	125.008	5190.292	125.008	5190.292
8/11/09	7:00:00	6795	15.296	10.334	125.007	5190.293	125.007	5190.293
8/11/09	7:05:00	6800	15.296	10.330	125.007	5190.293	125.007	5190.293
8/11/09	7:10:00	6805	15.295	10.324	125.009	5190.291	125.009	5190.291
8/11/09	7:15:00	6810	15.295	10.322	125.007	5190.293	125.007	5190.293
8/11/09	7:20:00	6815	15.296	10.321	125.006	5190.294	125.006	5190.294
8/11/09	7:25:00	6820	15.295	10.319	125.008	5190.292	125.008	5190.292
8/11/09	7:30:00	6825	15.295	10.321	125.008	5190.292	125.008	5190.292
8/11/09	7:35:00	6830	15.296	10.318	125.005	5190.295	125.005	5190.295
8/11/09	7:40:00	6835	15.295	10.325	125.007	5190.293	125.007	5190.293
8/11/09	7:45:00	6840	15.295	10.324	125.009	5190.291	125.009	5190.291
8/11/09	7:50:00	6845	15.293	10.322	125.012	5190.288	125.012	5190.288
8/11/09	7:55:00	6850	15.295	10.324	125.009	5190.291	125.009	5190.291
8/11/09	8:00:00	6855	15.295	10.326	125.007	5190.293	125.007	5190.293
8/11/09	8:05:00	6860	15.295	10.326	125.009	5190.291	125.009	5190.291
8/11/09	8:10:00	6865	15.294	10.326	125.010	5190.290	125.010	5190.290
8/11/09	8:15:00	6870	15.295	10.330	125.009	5190.291	125.009	5190.291
8/11/09	8:20:00	6875	15.295	10.330	125.008	5190.292	125.008	5190.292
8/11/09	8:25:00	6880	15.294	10.330	125.010	5190.290	125.010	5190.290
8/11/09	8:30:00	6885	15.294	10.330	125.012	5190.288	125.012	5190.288
8/11/09	8:35:00	6890	15.295	10.332	125.010	5190.290	125.010	5190.290
8/11/09	8:40:00	6895	15.294	10.328	125.010	5190.290	125.010	5190.290
8/11/09	8:45:00	6900	15.294	10.327	125.010	5190.290	125.010	5190.290
8/11/09	8:50:00	6905	15.294	10.327	125.011	5190.289	125.011	5190.289
8/11/09	8:55:00	6910	15.295	10.327	125.008	5190.292	125.008	5190.292
8/11/09	9:00:00	6915	15.295	10.327	125.009	5190.291	125.009	5190.291
8/11/09	9:05:00	6920	15.294	10.330	125.010	5190.290	125.010	5190.290
8/11/09	9:10:00	6925	15.295	10.329	125.008	5190.292	125.008	5190.292
8/11/09	9:15:00	6930	15.294	10.333	125.011	5190.289	125.011	5190.289
8/11/09	9:20:00	6935	15.294	10.333	125.010	5190.290	125.010	5190.290
8/11/09	9:25:00	6940	15.294	10.329	125.010	5190.290	125.010	5190.290
8/11/09	9:30:00	6945	15.294	10.325	125.011	5190.289	125.011	5190.289
8/11/09	9:35:00	6950	15.293	10.326	125.013	5190.287	125.013	5190.287
8/11/09	9:40:00	6955	15.293	10.325	125.013	5190.287	125.013	5190.287
8/11/09	9:45:00	6960	15.293	10.323	125.013	5190.287	125.013	5190.287
8/11/09	9:50:00	6965	15.294	10.322	125.011	5190.289	125.011	5190.289
8/11/09	9:55:00	6970	15.292	10.320	125.015	5190.285	125.015	5190.285
8/11/09	10:00:00	6975	15.294	10.321	125.011	5190.289	125.011	5190.289
8/11/09	10:05:00	6980	15.292	10.323	125.015	5190.285	125.015	5190.285
8/11/09	10:10:00	6985	15.294	10.326	125.010	5190.290	125.010	5190.290
8/11/09	10:15:00	6990	15.293	10.323	125.013	5190.287	125.013	5190.287
8/11/09	10:20:00	6995	15.294	10.325	125.012	5190.288	125.012	5190.288

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	10:25:00	7000	15.294	10.324	125.011	5190.289	125.011	5190.289
8/11/09	10:30:00	7005	15.292	10.323	125.015	5190.285	125.015	5190.285
8/11/09	10:35:00	7010	15.293	10.323	125.013	5190.287	125.013	5190.287
8/11/09	10:40:00	7015	15.293	10.323	125.013	5190.287	125.013	5190.287
8/11/09	10:45:00	7020	15.293	10.326	125.013	5190.287	125.013	5190.287
8/11/09	10:50:00	7025	15.292	10.330	125.015	5190.285	125.015	5190.285
8/11/09	10:55:00	7030	15.293	10.331	125.013	5190.287	125.013	5190.287
8/11/09	11:00:00	7035	15.294	10.329	125.011	5190.289	125.011	5190.289
8/11/09	11:05:00	7040	15.293	10.331	125.013	5190.287	125.013	5190.287
8/11/09	11:10:00	7045	-0.014	17.026	160.356	5154.944		
8/11/09	11:15:00	7050	0.003	26.941	160.317	5154.983		
8/11/09	11:20:00	7055	0.024	33.605	160.269	5155.031		
8/11/09	11:25:00	7060	27.749	21.535	96.252	5219.048		
8/11/09	11:30:00	7065	29.301	12.337	92.670	5222.630		
8/11/09	11:48:40	0	29.206	10.516	123.596	5191.704	123.596	5191.704
8/11/09	11:48:50	0.167	29.199	10.515	123.612	5191.688	123.612	5191.688
8/11/09	11:49:00	0.333	29.205	10.513	123.597	5191.703	123.597	5191.703
8/11/09	11:49:10	0.5	29.199	10.513	123.611	5191.689	123.611	5191.689
8/11/09	11:49:20	0.667	29.198	10.508	123.614	5191.686	123.614	5191.686
8/11/09	11:49:30	0.833	29.199	10.509	123.612	5191.688	123.612	5191.688
8/11/09	11:49:40	1	29.203	10.508	123.602	5191.698	123.602	5191.698
8/11/09	11:49:50	1.167	29.206	10.506	123.595	5191.705	123.595	5191.705
8/11/09	11:50:00	1.333	29.195	10.504	123.620	5191.680	123.620	5191.680
8/11/09	11:50:10	1.5	29.194	10.504	123.623	5191.677	123.623	5191.677
8/11/09	11:50:20	1.667	29.193	10.504	123.626	5191.674	123.626	5191.674
8/11/09	11:50:30	1.833	29.193	10.502	123.625	5191.675	123.625	5191.675
8/11/09	11:50:40	2	29.193	10.499	123.626	5191.674	123.626	5191.674
8/11/09	11:50:50	2.167	29.196	10.500	123.619	5191.681	123.619	5191.681
8/11/09	11:51:00	2.333	29.191	10.501	123.629	5191.671	123.629	5191.671
8/11/09	11:51:10	2.5	29.189	10.500	123.635	5191.665	123.635	5191.665
8/11/09	11:51:20	2.667	29.195	10.500	123.620	5191.680	123.620	5191.680
8/11/09	11:51:30	2.833	29.194	10.497	123.624	5191.676	123.624	5191.676
8/11/09	11:51:40	3	29.190	10.497	123.632	5191.668	123.632	5191.668
8/11/09	11:51:50	3.167	29.198	10.500	123.614	5191.686	123.614	5191.686
8/11/09	11:52:00	3.333	29.197	10.501	123.615	5191.685	123.615	5191.685
8/11/09	11:52:10	3.5	29.190	10.500	123.631	5191.669	123.631	5191.669
8/11/09	11:52:20	3.667	29.197	10.499	123.617	5191.683	123.617	5191.683
8/11/09	11:52:30	3.833	29.189	10.499	123.635	5191.665	123.635	5191.665
8/11/09	11:52:40	4	29.188	10.498	123.637	5191.663	123.637	5191.663
8/11/09	11:52:50	4.167	29.186	10.496	123.640	5191.660	123.640	5191.660
8/11/09	11:53:00	4.333	29.185	10.499	123.644	5191.656	123.644	5191.656
8/11/09	11:53:10	4.5	29.193	10.501	123.624	5191.676	123.624	5191.676
8/11/09	11:53:20	4.667	29.186	10.497	123.641	5191.659	123.641	5191.659
8/11/09	11:53:30	4.833	29.186	10.498	123.642	5191.658	123.642	5191.658
8/11/09	11:53:40	5	29.191	10.498	123.630	5191.670	123.630	5191.670
8/11/09	11:53:50	5.167	29.185	10.499	123.645	5191.655	123.645	5191.655
8/11/09	11:54:00	5.333	29.182	10.499	123.650	5191.650	123.650	5191.650
8/11/09	11:54:10	5.5	29.181	10.501	123.653	5191.647	123.653	5191.647
8/11/09	11:54:20	5.667	29.180	10.497	123.654	5191.646	123.654	5191.646
8/11/09	11:54:30	5.833	29.179	10.499	123.658	5191.642	123.658	5191.642
8/11/09	11:54:40	6	29.178	10.498	123.659	5191.641	123.659	5191.641
8/11/09	11:54:50	6.167	29.178	10.497	123.659	5191.641	123.659	5191.641
8/11/09	11:55:00	6.333	29.178	10.496	123.660	5191.640	123.660	5191.640
8/11/09	11:55:10	6.5	29.178	10.499	123.661	5191.639	123.661	5191.639
8/11/09	11:55:20	6.667	29.178	10.497	123.659	5191.641	123.659	5191.641
8/11/09	11:55:30	6.833	29.175	10.499	123.667	5191.633	123.667	5191.633

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	11:55:40	7	29.183	10.497	123.648	5191.652	123.648	5191.652
8/11/09	11:55:50	7.167	29.177	10.495	123.662	5191.638	123.662	5191.638
8/11/09	11:56:00	7.333	29.175	10.497	123.668	5191.632	123.668	5191.632
8/11/09	11:56:10	7.5	29.173	10.496	123.671	5191.629	123.671	5191.629
8/11/09	11:56:20	7.667	29.178	10.498	123.660	5191.640	123.660	5191.640
8/11/09	11:56:30	7.833	29.180	10.497	123.655	5191.645	123.655	5191.645
8/11/09	11:56:40	8	29.179	10.496	123.657	5191.643	123.657	5191.643
8/11/09	11:56:50	8.167	29.168	10.500	123.683	5191.617	123.683	5191.617
8/11/09	11:57:00	8.333	29.177	10.499	123.661	5191.639	123.661	5191.639
8/11/09	11:57:10	8.5	29.169	10.501	123.680	5191.620	123.680	5191.620
8/11/09	11:57:20	8.667	29.168	10.501	123.684	5191.616	123.684	5191.616
8/11/09	11:57:30	8.833	29.167	10.501	123.686	5191.614	123.686	5191.614
8/11/09	11:57:40	9	29.167	10.498	123.685	5191.615	123.685	5191.615
8/11/09	11:57:50	9.167	29.173	10.496	123.671	5191.629	123.671	5191.629
8/11/09	11:58:00	9.333	29.166	10.499	123.688	5191.612	123.688	5191.612
8/11/09	11:58:10	9.5	29.164	10.499	123.692	5191.608	123.692	5191.608
8/11/09	11:58:20	9.667	29.165	10.499	123.689	5191.611	123.689	5191.611
8/11/09	11:58:30	9.833	29.164	10.499	123.692	5191.608	123.692	5191.608
8/11/09	11:58:40	10	29.164	10.499	123.693	5191.607	123.693	5191.607
8/11/09	11:58:50	10.167	29.163	10.499	123.694	5191.606	123.694	5191.606
8/11/09	11:59:00	10.333	29.162	10.498	123.697	5191.603	123.697	5191.603
8/11/09	11:59:10	10.5	29.162	10.498	123.697	5191.603	123.697	5191.603
8/11/09	11:59:20	10.667	29.171	10.497	123.676	5191.624	123.676	5191.624
8/11/09	11:59:30	10.833	29.160	10.495	123.702	5191.598	123.702	5191.598
8/11/09	11:59:40	11	29.158	10.493	123.705	5191.595	123.705	5191.595
8/11/09	11:59:50	11.167	29.163	10.496	123.694	5191.606	123.694	5191.606
8/11/09	12:00:00	11.333	29.165	10.495	123.690	5191.610	123.690	5191.610
8/11/09	12:00:10	11.5	29.158	10.494	123.707	5191.593	123.707	5191.593
8/11/09	12:00:20	11.667	29.158	10.496	123.707	5191.593	123.707	5191.593
8/11/09	12:00:30	11.833	29.157	10.494	123.708	5191.592	123.708	5191.592
8/11/09	12:00:40	12	29.156	10.497	123.712	5191.588	123.712	5191.588
8/11/09	12:00:50	12.167	29.155	10.498	123.713	5191.587	123.713	5191.587
8/11/09	12:01:00	12.333	29.155	10.492	123.713	5191.587	123.713	5191.587
8/11/09	12:01:10	12.5	29.155	10.493	123.714	5191.586	123.714	5191.586
8/11/09	12:01:20	12.667	29.152	10.495	123.720	5191.580	123.720	5191.580
8/11/09	12:01:30	12.833	29.154	10.492	123.716	5191.584	123.716	5191.584
8/11/09	12:01:40	13	29.151	10.494	123.723	5191.577	123.723	5191.577
8/11/09	12:01:50	13.167	29.151	10.493	123.721	5191.579	123.721	5191.579
8/11/09	12:02:00	13.333	29.151	10.493	123.723	5191.577	123.723	5191.577
8/11/09	12:02:10	13.5	29.150	10.490	123.725	5191.575	123.725	5191.575
8/11/09	12:02:20	13.667	29.155	10.498	123.712	5191.588	123.712	5191.588
8/11/09	12:02:30	13.833	29.150	10.492	123.725	5191.575	123.725	5191.575
8/11/09	12:02:40	14	29.156	10.490	123.712	5191.588	123.712	5191.588
8/11/09	12:02:50	14.167	29.148	10.492	123.729	5191.571	123.729	5191.571
8/11/09	12:03:00	14.334	29.154	10.490	123.716	5191.584	123.716	5191.584
8/11/09	12:03:10	14.5	29.146	10.490	123.734	5191.566	123.734	5191.566
8/11/09	12:03:20	14.667	29.152	10.494	123.719	5191.581	123.719	5191.581
8/11/09	12:03:30	14.833	29.151	10.496	123.722	5191.578	123.722	5191.578
8/11/09	12:03:40	15	29.144	10.495	123.737	5191.563	123.737	5191.563
8/11/09	12:03:50	15.167	29.144	10.495	123.739	5191.561	123.739	5191.561
8/11/09	12:04:00	15.333	29.150	10.495	123.724	5191.576	123.724	5191.576
8/11/09	12:04:10	15.5	29.149	10.496	123.727	5191.573	123.727	5191.573
8/11/09	12:04:20	15.667	29.152	10.497	123.720	5191.580	123.720	5191.580
8/11/09	12:04:30	15.833	29.142	10.496	123.743	5191.557	123.743	5191.557
8/11/09	12:04:40	16	29.148	10.496	123.730	5191.570	123.730	5191.570
8/11/09	12:04:50	16.167	29.140	10.497	123.747	5191.553	123.747	5191.553



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	12:05:00	16.333	29.140	10.494	123.747	5191.553	123.747	5191.553
8/11/09	12:05:10	16.5	29.138	10.494	123.751	5191.549	123.751	5191.549
8/11/09	12:05:20	16.667	29.138	10.496	123.752	5191.548	123.752	5191.548
8/11/09	12:05:30	16.833	29.139	10.494	123.750	5191.550	123.750	5191.550
8/11/09	12:05:40	17	29.138	10.493	123.753	5191.547	123.753	5191.547
8/11/09	12:05:50	17.167	29.136	10.494	123.757	5191.543	123.757	5191.543
8/11/09	12:06:00	17.333	29.136	10.495	123.758	5191.542	123.758	5191.542
8/11/09	12:06:10	17.5	29.136	10.494	123.757	5191.543	123.757	5191.543
8/11/09	12:06:20	17.667	29.141	10.491	123.744	5191.556	123.744	5191.556
8/11/09	12:06:30	17.833	29.134	10.492	123.762	5191.538	123.762	5191.538
8/11/09	12:06:40	18	29.136	10.499	123.756	5191.544	123.756	5191.544
8/11/09	12:06:50	18.167	29.132	10.507	123.767	5191.533	123.767	5191.533
8/11/09	12:07:00	18.333	29.135	10.501	123.760	5191.540	123.760	5191.540
8/11/09	12:07:10	18.5	29.133	10.503	123.763	5191.537	123.763	5191.537
8/11/09	12:07:20	18.667	29.135	10.508	123.758	5191.542	123.758	5191.542
8/11/09	12:07:30	18.833	29.133	10.508	123.763	5191.537	123.763	5191.537
8/11/09	12:07:40	19	29.133	10.508	123.763	5191.537	123.763	5191.537
8/11/09	12:07:50	19.167	29.132	10.510	123.765	5191.535	123.765	5191.535
8/11/09	12:08:00	19.333	29.132	10.511	123.765	5191.535	123.765	5191.535
8/11/09	12:08:10	19.5	29.133	10.510	123.763	5191.537	123.763	5191.537
8/11/09	12:08:20	19.667	29.129	10.511	123.774	5191.526	123.774	5191.526
8/11/09	12:08:30	19.833	29.128	10.515	123.776	5191.524	123.776	5191.524
8/11/09	12:08:40	20	29.129	10.511	123.772	5191.528	123.772	5191.528
8/11/09	12:08:50	20.167	29.128	10.512	123.774	5191.526	123.774	5191.526
8/11/09	12:09:00	20.333	29.128	10.516	123.776	5191.524	123.776	5191.524
8/11/09	12:09:10	20.5	29.129	10.515	123.773	5191.527	123.773	5191.527
8/11/09	12:09:20	20.667	29.127	10.517	123.777	5191.523	123.777	5191.523
8/11/09	12:09:30	20.833	29.126	10.516	123.780	5191.520	123.780	5191.520
8/11/09	12:09:40	21	29.123	10.517	123.787	5191.513	123.787	5191.513
8/11/09	12:09:50	21.167	29.123	10.516	123.786	5191.514	123.786	5191.514
8/11/09	12:10:00	21.333	29.124	10.518	123.784	5191.516	123.784	5191.516
8/11/09	12:10:10	21.5	29.124	10.516	123.785	5191.515	123.785	5191.515
8/11/09	12:10:20	21.667	29.123	10.517	123.787	5191.513	123.787	5191.513
8/11/09	12:10:30	21.833	29.122	10.516	123.789	5191.511	123.789	5191.511
8/11/09	12:10:40	22	29.121	10.518	123.791	5191.509	123.791	5191.509
8/11/09	12:10:50	22.167	29.121	10.517	123.792	5191.508	123.792	5191.508
8/11/09	12:11:00	22.333	29.120	10.519	123.794	5191.506	123.794	5191.506
8/11/09	12:11:10	22.5	29.119	10.520	123.795	5191.505	123.795	5191.505
8/11/09	12:11:20	22.667	29.120	10.521	123.795	5191.505	123.795	5191.505
8/11/09	12:11:30	22.833	29.119	10.520	123.797	5191.503	123.797	5191.503
8/11/09	12:11:40	23	29.117	10.521	123.802	5191.498	123.802	5191.498
8/11/09	12:11:50	23.167	29.116	10.519	123.804	5191.496	123.804	5191.496
8/11/09	12:12:00	23.333	29.117	10.520	123.801	5191.499	123.801	5191.499
8/11/09	12:12:10	23.5	29.117	10.520	123.801	5191.499	123.801	5191.499
8/11/09	12:12:20	23.667	29.114	10.521	123.807	5191.493	123.807	5191.493
8/11/09	12:12:30	23.833	29.121	10.524	123.791	5191.509	123.791	5191.509
8/11/09	12:12:40	24	29.114	10.521	123.807	5191.493	123.807	5191.493
8/11/09	12:12:50	24.167	29.113	10.522	123.809	5191.491	123.809	5191.491
8/11/09	12:13:00	24.333	29.113	10.521	123.810	5191.490	123.810	5191.490
8/11/09	12:13:10	24.5	29.111	10.521	123.814	5191.486	123.814	5191.486
8/11/09	12:13:20	24.667	29.112	10.520	123.811	5191.489	123.811	5191.489
8/11/09	12:13:30	24.833	29.111	10.521	123.815	5191.485	123.815	5191.485
8/11/09	12:13:40	25	29.110	10.519	123.817	5191.483	123.817	5191.483
8/11/09	12:13:50	25.167	29.110	10.520	123.817	5191.483	123.817	5191.483
8/11/09	12:14:00	25.333	29.109	10.521	123.820	5191.480	123.820	5191.480
8/11/09	12:14:10	25.5	29.108	10.521	123.822	5191.478	123.822	5191.478

Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	12:14:20	25.667	29.107	10.521	123.823	5191.477	123.823	5191.477
8/11/09	12:14:30	25.833	29.109	10.521	123.820	5191.480	123.820	5191.480
8/11/09	12:14:40	26	29.107	10.518	123.824	5191.476	123.824	5191.476
8/11/09	12:14:50	26.167	29.106	10.521	123.826	5191.474	123.826	5191.474
8/11/09	12:15:00	26.333	29.106	10.521	123.826	5191.474	123.826	5191.474
8/11/09	12:15:10	26.5	29.092	10.518	123.859	5191.441	123.859	5191.441
8/11/09	12:15:20	26.667	28.981	10.519	124.115	5191.185	124.115	5191.185
8/11/09	12:15:30	26.833	28.821	10.519	124.483	5190.817	124.483	5190.817
8/11/09	12:15:40	27	28.687	10.519	124.793	5190.507	124.793	5190.507
8/11/09	12:15:50	27.167	28.557	10.521	125.094	5190.206	125.094	5190.206
8/11/09	12:16:00	27.333	28.407	10.520	125.439	5189.861	125.439	5189.861
8/11/09	12:16:10	27.5	28.280	10.519	125.733	5189.567	125.733	5189.567
8/11/09	12:16:20	27.667	28.129	10.520	126.083	5189.217	126.083	5189.217
8/11/09	12:16:30	27.833	27.989	10.519	126.405	5188.895	126.405	5188.895
8/11/09	12:16:40	28	27.853	10.519	126.720	5188.580	126.720	5188.580
8/11/09	12:16:50	28.167	27.720	10.519	127.026	5188.274	127.026	5188.274
8/11/09	12:17:00	28.333	27.580	10.518	127.349	5187.951	127.349	5187.951
8/11/09	12:17:10	28.5	27.437	10.520	127.680	5187.620	127.680	5187.620
8/11/09	12:17:20	28.667	27.300	10.520	127.997	5187.303	127.997	5187.303
8/11/09	12:17:30	28.833	27.162	10.515	128.315	5186.985	128.315	5186.985
8/11/09	12:17:40	29	27.013	10.517	128.659	5186.641	128.659	5186.641
8/11/09	12:17:50	29.167	26.893	10.516	128.936	5186.364	128.936	5186.364
8/11/09	12:18:00	29.333	26.778	10.513	129.202	5186.098	129.202	5186.098
8/11/09	12:18:10	29.5	26.646	10.516	129.505	5185.795	129.505	5185.795
8/11/09	12:18:20	29.667	26.521	10.514	129.796	5185.504	129.796	5185.504
8/11/09	12:18:30	29.833	26.395	10.512	130.085	5185.215	130.085	5185.215
8/11/09	12:18:40	30	26.264	10.509	130.389	5184.911	130.389	5184.911
8/11/09	12:18:50	30.167	26.206	10.509	130.522	5184.778	130.522	5184.778
8/11/09	12:19:00	30.333	26.346	10.513	130.199	5185.101	130.199	5185.101
8/11/09	12:19:10	30.5	26.461	10.508	129.933	5185.367	129.933	5185.367
8/11/09	12:19:20	30.667	26.553	10.510	129.722	5185.578	129.722	5185.578
8/11/09	12:19:30	30.833	26.617	10.508	129.573	5185.727	129.573	5185.727
8/11/09	12:19:40	31	26.659	10.509	129.477	5185.823	129.477	5185.823
8/11/09	12:19:50	31.167	26.688	10.507	129.409	5185.891	129.409	5185.891
8/11/09	12:20:00	31.333	26.701	10.508	129.379	5185.921	129.379	5185.921
8/11/09	12:20:10	31.5	26.706	10.506	129.368	5185.932	129.368	5185.932
8/11/09	12:20:20	31.667	26.648	10.507	129.501	5185.799	129.501	5185.799
8/11/09	12:20:30	31.833	26.462	10.505	129.932	5185.368	129.932	5185.368
8/11/09	12:20:40	32	26.297	10.504	130.312	5184.988	130.312	5184.988
8/11/09	12:20:50	32.167	26.144	10.497	130.666	5184.634	130.666	5184.634
8/11/09	12:21:00	32.333	26.018	10.495	130.957	5184.343	130.957	5184.343
8/11/09	12:21:10	32.5	25.875	10.490	131.286	5184.014	131.286	5184.014
8/11/09	12:21:20	32.668	25.749	10.488	131.577	5183.723	131.577	5183.723
8/11/09	12:21:30	32.833	25.613	10.491	131.891	5183.409	131.891	5183.409
8/11/09	12:21:40	33	25.480	10.494	132.198	5183.102	132.198	5183.102
8/11/09	12:21:50	33.167	25.348	10.493	132.503	5182.797	132.503	5182.797
8/11/09	12:22:00	33.333	25.219	10.499	132.802	5182.498	132.802	5182.498
8/11/09	12:22:10	33.5	25.087	10.502	133.107	5182.193	133.107	5182.193
8/11/09	12:22:20	33.667	24.951	10.503	133.420	5181.880	133.420	5181.880
8/11/09	12:22:30	33.833	24.829	10.502	133.703	5181.597	133.703	5181.597
8/11/09	12:22:40	34	24.703	10.507	133.991	5181.309	133.991	5181.309
8/11/09	12:22:50	34.167	24.574	10.507	134.291	5181.009	134.291	5181.009
8/11/09	12:23:00	34.333	24.450	10.513	134.576	5180.724	134.576	5180.724
8/11/09	12:23:10	34.5	24.316	10.513	134.885	5180.415	134.885	5180.415
8/11/09	12:23:20	34.667	24.190	10.516	135.176	5180.124	135.176	5180.124
8/11/09	12:23:30	34.833	24.319	10.522	134.880	5180.420	134.880	5180.420

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#			TOC Elev	Corrected DTW	Corrected Elev
			138097 PSI	138097 Temp - C	138097 DTW (ft btoc)	5315.300 GW Elevation		
8/11/09	12:23:40	35	24.448	10.525	134.582	5180.718	134.582	5180.718
8/11/09	12:23:50	35.167	24.554	10.529	134.337	5180.963	134.337	5180.963
8/11/09	12:24:00	35.333	24.637	10.530	134.145	5181.155	134.145	5181.155
8/11/09	12:24:10	35.5	24.694	10.532	134.014	5181.286	134.014	5181.286
8/11/09	12:24:20	35.667	24.734	10.535	133.921	5181.379	133.921	5181.379
8/11/09	12:24:30	35.833	24.750	10.535	133.884	5181.416	133.884	5181.416
8/11/09	12:24:40	36	24.766	10.534	133.848	5181.452	133.848	5181.452
8/11/09	12:24:50	36.167	24.776	10.539	133.825	5181.475	133.825	5181.475
8/11/09	12:25:00	36.333	24.786	10.538	133.800	5181.500	133.800	5181.500
8/11/09	12:25:10	36.5	24.796	10.543	133.777	5181.523	133.777	5181.523
8/11/09	12:25:20	36.667	24.807	10.540	133.753	5181.547	133.753	5181.547
8/11/09	12:25:30	36.833	24.822	10.544	133.719	5181.581	133.719	5181.581
8/11/09	12:35:00	0	25.291	10.571	132.729	5182.571	132.729	5182.571
8/11/09	12:40:00	5	25.503	10.562	132.238	5183.062	132.238	5183.062
8/11/09	12:45:00	10	25.702	10.560	131.779	5183.521	131.779	5183.521
8/11/09	12:50:00	15	25.885	10.558	131.357	5183.943	131.357	5183.943
8/11/09	12:55:00	20	26.058	10.559	130.959	5184.341	130.959	5184.341
8/11/09	13:00:00	25	26.215	10.556	130.596	5184.704	130.596	5184.704
8/11/09	13:05:00	30	26.362	10.560	130.256	5185.044	130.256	5185.044
8/11/09	13:10:00	35	26.498	10.557	129.942	5185.358	129.942	5185.358
8/11/09	13:15:00	40	26.625	10.550	129.649	5185.651	129.649	5185.651
8/11/09	13:20:00	45	26.742	10.556	129.379	5185.921	129.379	5185.921
8/11/09	13:25:00	50	26.854	10.555	129.120	5186.180	129.120	5186.180
8/11/09	13:30:00	55	26.954	10.554	128.888	5186.412	128.888	5186.412
8/11/09	13:35:00	60	27.052	10.549	128.663	5186.637	128.663	5186.637
8/11/09	13:40:00	65	27.143	10.547	128.453	5186.847	128.453	5186.847
8/11/09	13:45:00	70	27.227	10.544	128.258	5187.042	128.258	5187.042
8/11/09	13:50:00	75	27.305	10.546	128.077	5187.223	128.077	5187.223
8/11/09	13:55:00	80	27.379	10.538	127.906	5187.394	127.906	5187.394
8/11/09	14:00:00	85	27.448	10.538	127.748	5187.552	127.748	5187.552
8/11/09	14:05:00	90	27.509	10.541	127.608	5187.692	127.608	5187.692
8/11/09	14:10:00	95	27.574	10.542	127.458	5187.842	127.458	5187.842
8/11/09	14:15:00	100	27.626	10.552	127.336	5187.964	127.336	5187.964
8/11/09	14:20:00	105	27.687	10.544	127.197	5188.103	127.197	5188.103
8/11/09	14:25:00	110	27.739	10.529	127.077	5188.223	127.077	5188.223
8/11/09	14:30:00	115	27.786	10.527	126.969	5188.331	126.969	5188.331
8/11/09	14:35:00	120	27.831	10.522	126.865	5188.435	126.865	5188.435
8/11/09	14:40:00	125	27.874	10.533	126.765	5188.535	126.765	5188.535
8/11/09	14:45:00	130	27.915	10.537	126.670	5188.630	126.670	5188.630
8/11/09	14:50:00	135	27.951	10.536	126.587	5188.713	126.587	5188.713
8/11/09	14:55:00	140	27.987	10.525	126.503	5188.797	126.503	5188.797
8/11/09	15:00:00	145	28.020	10.531	126.427	5188.873	126.427	5188.873
8/11/09	15:05:00	150	28.053	10.526	126.352	5188.948	126.352	5188.948
8/11/09	15:10:00	155	28.081	10.532	126.286	5189.014	126.286	5189.014
8/11/09	15:15:00	160	28.110	10.522	126.221	5189.079	126.221	5189.079
8/11/09	15:20:00	165	28.132	10.518	126.169	5189.131	126.169	5189.131
8/11/09	15:25:00	170	28.156	10.517	126.115	5189.185	126.115	5189.185
8/11/09	15:30:00	175	28.186	10.521	126.044	5189.256	126.044	5189.256
8/11/09	15:35:00	180	28.205	10.513	126.001	5189.299	126.001	5189.299
8/11/09	15:40:00	185	28.225	10.523	125.953	5189.347	125.953	5189.347
8/11/09	15:45:00	190	28.245	10.528	125.908	5189.392	125.908	5189.392
8/11/09	15:50:00	195	28.264	10.507	125.863	5189.437	125.863	5189.437
8/11/09	15:55:00	200	28.283	10.506	125.821	5189.479	125.821	5189.479
8/11/09	16:00:00	205	28.300	10.515	125.781	5189.519	125.781	5189.519
8/11/09	16:05:00	210	28.317	10.514	125.741	5189.559	125.741	5189.559
8/11/09	16:10:00	215	28.332	10.507	125.708	5189.592	125.708	5189.592

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	16:15:00	220	28.348	10.505	125.671	5189.629	125.671	5189.629
8/11/09	16:20:00	225	28.360	10.508	125.642	5189.658	125.642	5189.658
8/11/09	16:25:00	230	28.376	10.506	125.606	5189.694	125.606	5189.694
8/11/09	16:30:00	235	28.388	10.505	125.577	5189.723	125.577	5189.723
8/11/09	16:35:00	240	28.400	10.501	125.551	5189.749	125.551	5189.749
8/11/09	16:40:00	245	28.411	10.502	125.524	5189.776	125.524	5189.776
8/11/09	16:45:00	250	28.422	10.497	125.499	5189.801	125.499	5189.801
8/11/09	16:50:00	255	28.435	10.495	125.470	5189.830	125.470	5189.830
8/11/09	16:55:00	260	28.443	10.495	125.450	5189.850	125.450	5189.850
8/11/09	17:00:00	265	28.453	10.505	125.428	5189.872	125.428	5189.872
8/11/09	17:05:00	270	28.461	10.497	125.410	5189.890	125.410	5189.890
8/11/09	17:10:00	275	28.472	10.490	125.384	5189.916	125.384	5189.916
8/11/09	17:15:00	280	28.479	10.488	125.368	5189.932	125.368	5189.932
8/11/09	17:20:00	285	28.487	10.496	125.349	5189.951	125.349	5189.951
8/11/09	17:25:00	290	28.495	10.507	125.331	5189.969	125.331	5189.969
8/11/09	17:30:00	295	28.503	10.507	125.313	5189.987	125.313	5189.987
8/11/09	17:35:00	300	28.507	10.500	125.302	5189.998	125.302	5189.998
8/11/09	17:40:00	305	28.521	10.499	125.270	5190.030	125.270	5190.030
8/11/09	17:45:00	310	28.522	10.497	125.269	5190.031	125.269	5190.031
8/11/09	17:50:00	315	28.527	10.496	125.258	5190.042	125.258	5190.042
8/11/09	17:55:00	320	28.534	10.496	125.240	5190.060	125.240	5190.060
8/11/09	18:00:00	325	28.540	10.497	125.226	5190.074	125.226	5190.074
8/11/09	18:05:00	330	28.544	10.494	125.218	5190.082	125.218	5190.082
8/11/09	18:10:00	335	28.549	10.490	125.206	5190.094	125.206	5190.094
8/11/09	18:15:00	340	28.554	10.490	125.195	5190.105	125.195	5190.105
8/11/09	18:20:00	345	28.558	10.486	125.185	5190.115	125.185	5190.115
8/11/09	18:25:00	350	28.564	10.485	125.172	5190.128	125.172	5190.128
8/11/09	18:30:00	355	28.566	10.484	125.166	5190.134	125.166	5190.134
8/11/09	18:35:00	360	28.571	10.487	125.154	5190.146	125.154	5190.146
8/11/09	18:40:00	365	28.575	10.484	125.146	5190.154	125.146	5190.154
8/11/09	18:45:00	370	28.579	10.481	125.137	5190.163	125.137	5190.163
8/11/09	18:50:00	375	28.583	10.476	125.128	5190.172	125.128	5190.172
8/11/09	18:55:00	380	28.588	10.476	125.117	5190.183	125.117	5190.183
8/11/09	19:00:00	385	28.591	10.467	125.109	5190.191	125.109	5190.191
8/11/09	19:05:00	390	28.595	10.467	125.099	5190.201	125.099	5190.201
8/11/09	19:10:00	395	28.597	10.458	125.094	5190.206	125.094	5190.206
8/11/09	19:15:00	400	28.600	10.460	125.088	5190.212	125.088	5190.212
8/11/09	19:20:00	405	28.602	10.459	125.083	5190.217	125.083	5190.217
8/11/09	19:25:00	410	28.605	10.463	125.077	5190.223	125.077	5190.223
8/11/09	19:30:00	415	28.608	10.459	125.071	5190.229	125.071	5190.229
8/11/09	19:35:00	420	28.611	10.456	125.063	5190.237	125.063	5190.237
8/11/09	19:40:00	425	28.614	10.453	125.057	5190.243	125.057	5190.243
8/11/09	19:45:00	430	28.616	10.457	125.052	5190.248	125.052	5190.248
8/11/09	19:50:00	435	28.618	10.461	125.048	5190.252	125.048	5190.252
8/11/09	19:55:00	440	28.621	10.462	125.040	5190.260	125.040	5190.260
8/11/09	20:00:00	445	28.624	10.457	125.033	5190.267	125.033	5190.267
8/11/09	20:05:00	450	28.625	10.466	125.031	5190.269	125.031	5190.269
8/11/09	20:10:00	455	28.627	10.462	125.026	5190.274	125.026	5190.274
8/11/09	20:15:00	460	28.628	10.459	125.022	5190.278	125.022	5190.278
8/11/09	20:20:00	465	28.631	10.457	125.016	5190.284	125.016	5190.284
8/11/09	20:25:00	470	28.633	10.449	125.013	5190.287	125.013	5190.287
8/11/09	20:30:00	475	28.636	10.447	125.006	5190.294	125.006	5190.294
8/11/09	20:35:00	480	28.636	10.458	125.005	5190.295	125.005	5190.295
8/11/09	20:40:00	485	28.639	10.455	124.999	5190.301	124.999	5190.301
8/11/09	20:45:00	490	28.639	10.457	124.999	5190.301	124.999	5190.301
8/11/09	20:50:00	495	28.641	10.456	124.995	5190.305	124.995	5190.305

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/11/09	20:55:00	500	28.641	10.458	124.994	5190.306	124.994	5190.306
8/11/09	21:00:00	505	28.642	10.458	124.992	5190.308	124.992	5190.308
8/11/09	21:05:00	510	28.645	10.448	124.985	5190.315	124.985	5190.315
8/11/09	21:10:00	515	28.646	10.448	124.983	5190.317	124.983	5190.317
8/11/09	21:15:00	520	28.647	10.444	124.980	5190.320	124.980	5190.320
8/11/09	21:20:00	525	28.648	10.444	124.978	5190.322	124.978	5190.322
8/11/09	21:25:00	530	28.649	10.446	124.975	5190.325	124.975	5190.325
8/11/09	21:30:00	535	28.651	10.447	124.971	5190.329	124.971	5190.329
8/11/09	21:35:00	540	28.651	10.448	124.971	5190.329	124.971	5190.329
8/11/09	21:40:00	545	28.650	10.446	124.972	5190.328	124.972	5190.328
8/11/09	21:45:00	550	28.654	10.444	124.965	5190.335	124.965	5190.335
8/11/09	21:50:00	555	28.655	10.451	124.962	5190.338	124.962	5190.338
8/11/09	21:55:00	560	28.655	10.452	124.960	5190.340	124.960	5190.340
8/11/09	22:00:00	565	28.654	10.453	124.963	5190.337	124.963	5190.337
8/11/09	22:05:00	570	28.654	10.457	124.963	5190.337	124.963	5190.337
8/11/09	22:10:00	575	28.655	10.456	124.962	5190.338	124.962	5190.338
8/11/09	22:15:00	580	28.657	10.455	124.958	5190.342	124.958	5190.342
8/11/09	22:20:00	585	28.657	10.459	124.956	5190.344	124.956	5190.344
8/11/09	22:25:00	590	28.659	10.456	124.952	5190.348	124.952	5190.348
8/11/09	22:30:00	595	28.658	10.461	124.955	5190.345	124.955	5190.345
8/11/09	22:35:00	600	28.658	10.459	124.954	5190.346	124.954	5190.346
8/11/09	22:40:00	605	28.660	10.461	124.949	5190.351	124.949	5190.351
8/11/09	22:45:00	610	28.660	10.461	124.950	5190.350	124.950	5190.350
8/11/09	22:50:00	615	28.659	10.462	124.951	5190.349	124.951	5190.349
8/11/09	22:55:00	620	28.662	10.457	124.946	5190.354	124.946	5190.354
8/11/09	23:00:00	625	28.663	10.456	124.942	5190.358	124.942	5190.358
8/11/09	23:05:00	630	28.662	10.455	124.945	5190.355	124.945	5190.355
8/11/09	23:10:00	635	28.662	10.453	124.945	5190.355	124.945	5190.355
8/11/09	23:15:00	640	28.663	10.445	124.943	5190.357	124.943	5190.357
8/11/09	23:20:00	645	28.664	10.441	124.941	5190.359	124.941	5190.359
8/11/09	23:25:00	650	28.665	10.439	124.938	5190.362	124.938	5190.362
8/11/09	23:30:00	655	28.665	10.441	124.939	5190.361	124.939	5190.361
8/11/09	23:35:00	660	28.666	10.438	124.936	5190.364	124.936	5190.364
8/11/09	23:40:00	665	28.666	10.438	124.935	5190.365	124.935	5190.365
8/11/09	23:45:00	670	28.667	10.442	124.933	5190.367	124.933	5190.367
8/11/09	23:50:00	675	28.667	10.442	124.934	5190.366	124.934	5190.366
8/11/09	23:55:00	680	28.666	10.442	124.936	5190.364	124.936	5190.364
8/12/09	0:00:00	685	28.668	10.436	124.932	5190.368	124.932	5190.368
8/12/09	0:05:00	690	28.669	10.435	124.930	5190.370	124.930	5190.370
8/12/09	0:10:00	695	28.668	10.434	124.931	5190.369	124.931	5190.369
8/12/09	0:15:00	700	28.669	10.438	124.930	5190.370	124.930	5190.370
8/12/09	0:20:00	705	28.668	10.434	124.930	5190.370	124.930	5190.370
8/12/09	0:25:00	710	28.663	10.437	124.943	5190.357	124.943	5190.357
8/12/09	0:30:00	715	28.663	10.435	124.943	5190.357	124.943	5190.357
8/12/09	0:35:00	720	28.669	10.435	124.930	5190.370	124.930	5190.370
8/12/09	0:40:00	725	28.669	10.432	124.929	5190.371	124.929	5190.371
8/12/09	0:45:00	730	28.669	10.435	124.928	5190.372	124.928	5190.372
8/12/09	0:50:00	735	28.670	10.437	124.926	5190.374	124.926	5190.374
8/12/09	0:55:00	740	28.665	10.435	124.939	5190.361	124.939	5190.361
8/12/09	1:00:00	745	28.671	10.433	124.925	5190.375	124.925	5190.375
8/12/09	1:05:00	750	28.665	10.436	124.938	5190.362	124.938	5190.362
8/12/09	1:10:00	755	28.671	10.430	124.924	5190.376	124.924	5190.376
8/12/09	1:15:00	760	28.672	10.431	124.922	5190.378	124.922	5190.378
8/12/09	1:20:00	765	28.672	10.432	124.923	5190.377	124.923	5190.377
8/12/09	1:25:00	770	28.671	10.437	124.924	5190.376	124.924	5190.376
8/12/09	1:30:00	775	28.671	10.435	124.924	5190.376	124.924	5190.376

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	1:35:00	780	28.671	10.439	124.923	5190.377	124.923	5190.377
8/12/09	1:40:00	785	28.672	10.434	124.922	5190.378	124.922	5190.378
8/12/09	1:45:00	790	28.672	10.432	124.922	5190.378	124.922	5190.378
8/12/09	1:50:00	795	28.671	10.435	124.923	5190.377	124.923	5190.377
8/12/09	1:55:00	800	28.672	10.431	124.922	5190.378	124.922	5190.378
8/12/09	2:00:00	805	28.672	10.431	124.923	5190.377	124.923	5190.377
8/12/09	2:05:00	810	28.672	10.434	124.922	5190.378	124.922	5190.378
8/12/09	2:10:00	815	28.671	10.437	124.924	5190.376	124.924	5190.376
8/12/09	2:15:00	820	28.671	10.438	124.924	5190.376	124.924	5190.376
8/12/09	2:20:00	825	28.673	10.429	124.920	5190.380	124.920	5190.380
8/12/09	2:25:00	830	28.672	10.424	124.922	5190.378	124.922	5190.378
8/12/09	2:30:00	835	28.672	10.429	124.922	5190.378	124.922	5190.378
8/12/09	2:35:00	840	28.671	10.445	124.924	5190.376	124.924	5190.376
8/12/09	2:40:00	845	28.672	10.438	124.921	5190.379	124.921	5190.379
8/12/09	2:45:00	850	28.666	10.441	124.937	5190.363	124.937	5190.363
8/12/09	2:50:00	855	28.673	10.444	124.919	5190.381	124.919	5190.381
8/12/09	2:55:00	860	28.667	10.432	124.933	5190.367	124.933	5190.367
8/12/09	3:00:00	865	28.674	10.434	124.917	5190.383	124.917	5190.383
8/12/09	3:05:00	870	28.674	10.432	124.917	5190.383	124.917	5190.383
8/12/09	3:10:00	875	28.674	10.434	124.918	5190.382	124.918	5190.382
8/12/09	3:15:00	880	28.672	10.433	124.921	5190.379	124.921	5190.379
8/12/09	3:20:00	885	28.674	10.430	124.918	5190.382	124.918	5190.382
8/12/09	3:25:00	890	28.668	10.427	124.932	5190.368	124.932	5190.368
8/12/09	3:30:00	895	28.676	10.428	124.913	5190.387	124.913	5190.387
8/12/09	3:35:00	900	28.675	10.431	124.916	5190.384	124.916	5190.384
8/12/09	3:40:00	905	28.675	10.438	124.916	5190.384	124.916	5190.384
8/12/09	3:45:00	910	28.675	10.432	124.915	5190.385	124.915	5190.385
8/12/09	3:50:00	915	28.675	10.429	124.914	5190.386	124.914	5190.386
8/12/09	3:55:00	920	28.675	10.425	124.915	5190.385	124.915	5190.385
8/12/09	4:00:00	925	28.677	10.423	124.910	5190.390	124.910	5190.390
8/12/09	4:05:00	930	28.677	10.424	124.910	5190.390	124.910	5190.390
8/12/09	4:10:00	935	28.670	10.422	124.927	5190.373	124.927	5190.373
8/12/09	4:15:00	940	28.677	10.425	124.909	5190.391	124.909	5190.391
8/12/09	4:20:00	945	28.677	10.429	124.911	5190.389	124.911	5190.389
8/12/09	4:25:00	950	28.672	10.426	124.922	5190.378	124.922	5190.378
8/12/09	4:30:00	955	28.671	10.426	124.925	5190.375	124.925	5190.375
8/12/09	4:35:00	960	28.678	10.421	124.909	5190.391	124.909	5190.391
8/12/09	4:40:00	965	28.676	10.423	124.912	5190.388	124.912	5190.388
8/12/09	4:45:00	970	28.676	10.427	124.912	5190.388	124.912	5190.388
8/12/09	4:50:00	975	28.672	10.427	124.921	5190.379	124.921	5190.379
8/12/09	4:55:00	980	28.671	10.431	124.923	5190.377	124.923	5190.377
8/12/09	5:00:00	985	28.671	10.433	124.925	5190.375	124.925	5190.375
8/12/09	5:05:00	990	28.672	10.428	124.923	5190.377	124.923	5190.377
8/12/09	5:10:00	995	28.678	10.424	124.909	5190.391	124.909	5190.391
8/12/09	5:15:00	1000	28.672	10.428	124.923	5190.377	124.923	5190.377
8/12/09	5:20:00	1005	28.678	10.427	124.909	5190.391	124.909	5190.391
8/12/09	5:25:00	1010	28.672	10.426	124.922	5190.378	124.922	5190.378
8/12/09	5:30:00	1015	28.678	10.428	124.909	5190.391	124.909	5190.391
8/12/09	5:35:00	1020	28.677	10.426	124.911	5190.389	124.911	5190.389
8/12/09	5:40:00	1025	28.672	10.423	124.922	5190.378	124.922	5190.378
8/12/09	5:45:00	1030	28.673	10.425	124.920	5190.380	124.920	5190.380
8/12/09	5:50:00	1035	28.672	10.427	124.921	5190.379	124.921	5190.379
8/12/09	5:55:00	1040	28.672	10.421	124.922	5190.378	124.922	5190.378
8/12/09	6:00:00	1045	28.680	10.422	124.904	5190.396	124.904	5190.396
8/12/09	6:05:00	1050	28.674	10.422	124.918	5190.382	124.918	5190.382
8/12/09	6:10:00	1055	28.675	10.422	124.916	5190.384	124.916	5190.384

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	6:15:00	1060	28.675	10.424	124.916	5190.384	124.916	5190.384
8/12/09	6:20:00	1065	28.674	10.427	124.918	5190.382	124.918	5190.382
8/12/09	6:25:00	1070	28.674	10.428	124.917	5190.383	124.917	5190.383
8/12/09	6:30:00	1075	28.674	10.429	124.917	5190.383	124.917	5190.383
8/12/09	6:35:00	1080	28.673	10.431	124.920	5190.380	124.920	5190.380
8/12/09	6:40:00	1085	28.680	10.429	124.904	5190.396	124.904	5190.396
8/12/09	6:45:00	1090	28.673	10.429	124.919	5190.381	124.919	5190.381
8/12/09	6:50:00	1095	28.681	10.430	124.902	5190.398	124.902	5190.398
8/12/09	6:55:00	1100	28.680	10.424	124.904	5190.396	124.904	5190.396
8/12/09	7:00:00	1105	28.680	10.419	124.903	5190.397	124.903	5190.397
8/12/09	7:05:00	1110	28.674	10.421	124.917	5190.383	124.917	5190.383
8/12/09	7:10:00	1115	28.680	10.423	124.904	5190.396	124.904	5190.396
8/12/09	7:15:00	1120	28.673	10.427	124.920	5190.380	124.920	5190.380
8/12/09	7:20:00	1125	28.680	10.427	124.905	5190.395	124.905	5190.395
8/12/09	7:25:00	1130	28.680	10.431	124.903	5190.397	124.903	5190.397
8/12/09	7:30:00	1135	28.681	10.432	124.900	5190.400	124.900	5190.400
8/12/09	7:35:00	1140	28.682	10.431	124.900	5190.400	124.900	5190.400
8/12/09	7:40:00	1145	28.676	10.425	124.913	5190.387	124.913	5190.387
8/12/09	7:45:00	1150	28.681	10.421	124.901	5190.399	124.901	5190.399
8/12/09	7:50:00	1155	28.683	10.422	124.897	5190.403	124.897	5190.403
8/12/09	7:55:00	1160	28.676	10.422	124.913	5190.387	124.913	5190.387
8/12/09	8:00:00	1165	28.676	10.426	124.913	5190.387	124.913	5190.387
8/12/09	8:05:00	1170	28.682	10.426	124.899	5190.401	124.899	5190.401
8/12/09	8:10:00	1175	28.675	10.431	124.914	5190.386	124.914	5190.386
8/12/09	8:27:11	0	28.687	10.445	124.892	5190.408	124.892	5190.408
8/12/09	8:27:21	0.167	28.687	10.445	124.890	5190.410	124.890	5190.410
8/12/09	8:27:31	0.333	28.685	10.450	124.897	5190.403	124.897	5190.403
8/12/09	8:27:41	0.5	28.685	10.448	124.896	5190.404	124.896	5190.404
8/12/09	8:27:51	0.667	28.686	10.462	124.893	5190.407	124.893	5190.407
8/12/09	8:28:01	0.833	28.684	10.456	124.898	5190.402	124.898	5190.402
8/12/09	8:28:11	1	28.683	10.459	124.900	5190.400	124.900	5190.400
8/12/09	8:28:21	1.167	28.684	10.456	124.897	5190.403	124.897	5190.403
8/12/09	8:28:31	1.333	28.692	10.460	124.881	5190.419	124.881	5190.419
8/12/09	8:28:41	1.5	28.685	10.463	124.896	5190.404	124.896	5190.404
8/12/09	8:28:51	1.667	28.684	10.459	124.898	5190.402	124.898	5190.402
8/12/09	8:29:01	1.833	28.684	10.464	124.899	5190.401	124.899	5190.401
8/12/09	8:29:11	2	28.684	10.464	124.898	5190.402	124.898	5190.402
8/12/09	8:29:21	2.167	28.684	10.465	124.898	5190.402	124.898	5190.402
8/12/09	8:29:31	2.333	28.685	10.467	124.896	5190.404	124.896	5190.404
8/12/09	8:29:41	2.5	28.684	10.462	124.897	5190.403	124.897	5190.403
8/12/09	8:29:51	2.667	28.685	10.465	124.895	5190.405	124.895	5190.405
8/12/09	8:30:01	2.833	28.683	10.465	124.901	5190.399	124.901	5190.399
8/12/09	8:30:11	3	28.686	10.464	124.894	5190.406	124.894	5190.406
8/12/09	8:30:21	3.167	28.685	10.470	124.896	5190.404	124.896	5190.404
8/12/09	8:30:31	3.333	28.686	10.467	124.894	5190.406	124.894	5190.406
8/12/09	8:30:41	3.5	28.684	10.465	124.899	5190.401	124.899	5190.401
8/12/09	8:30:51	3.667	28.686	10.467	124.894	5190.406	124.894	5190.406
8/12/09	8:31:01	3.833	28.685	10.467	124.897	5190.403	124.897	5190.403
8/12/09	8:31:11	4	28.540	10.466	125.231	5190.069	125.231	5190.069
8/12/09	8:31:21	4.167	28.364	10.465	125.636	5189.664	125.636	5189.664
8/12/09	8:31:31	4.333	28.203	10.469	126.009	5189.291	126.009	5189.291
8/12/09	8:31:41	4.5	28.059	10.470	126.341	5188.959	126.341	5188.959
8/12/09	8:31:51	4.667	27.895	10.469	126.721	5188.579	126.721	5188.579
8/12/09	8:32:01	4.833	27.765	10.468	127.020	5188.280	127.020	5188.280
8/12/09	8:32:11	5	27.614	10.469	127.368	5187.932	127.368	5187.932
8/12/09	8:32:21	5.167	27.470	10.467	127.702	5187.598	127.702	5187.598

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	8:32:31	5.333	27.327	10.465	128.033	5187.267	128.033	5187.267
8/12/09	8:32:41	5.5	27.175	10.467	128.383	5186.917	128.383	5186.917
8/12/09	8:32:51	5.667	27.032	10.470	128.714	5186.586	128.714	5186.586
8/12/09	8:33:01	5.833	26.907	10.468	129.001	5186.299	129.001	5186.299
8/12/09	8:33:11	6	26.740	10.464	129.388	5185.912	129.388	5185.912
8/12/09	8:33:21	6.167	26.617	10.465	129.671	5185.629	129.671	5185.629
8/12/09	8:33:31	6.333	26.475	10.468	129.999	5185.301	129.999	5185.301
8/12/09	8:33:41	6.5	26.334	10.462	130.325	5184.975	130.325	5184.975
8/12/09	8:33:51	6.667	26.215	10.462	130.599	5184.701	130.599	5184.701
8/12/09	8:34:01	6.833	26.034	10.461	131.017	5184.283	131.017	5184.283
8/12/09	8:34:11	7	25.905	10.458	131.316	5183.984	131.316	5183.984
8/12/09	8:34:21	7.167	25.771	10.463	131.625	5183.675	131.625	5183.675
8/12/09	8:34:31	7.333	25.634	10.462	131.941	5183.359	131.941	5183.359
8/12/09	8:34:41	7.5	25.488	10.459	132.278	5183.022	132.278	5183.022
8/12/09	8:34:51	7.667	25.343	10.455	132.613	5182.687	132.613	5182.687
8/12/09	8:35:01	7.833	25.203	10.455	132.935	5182.365	132.935	5182.365
8/12/09	8:35:11	8	25.065	10.457	133.254	5182.046	133.254	5182.046
8/12/09	8:35:21	8.167	24.937	10.456	133.551	5181.749	133.551	5181.749
8/12/09	8:35:31	8.333	24.791	10.455	133.886	5181.414	133.886	5181.414
8/12/09	8:35:41	8.5	24.658	10.451	134.195	5181.105	134.195	5181.105
8/12/09	8:35:51	8.667	24.523	10.450	134.506	5180.794	134.506	5180.794
8/12/09	8:36:01	8.833	24.377	10.450	134.842	5180.458	134.842	5180.458
8/12/09	8:36:11	9	24.242	10.450	135.155	5180.145	135.155	5180.145
8/12/09	8:36:21	9.167	24.103	10.450	135.476	5179.824	135.476	5179.824
8/12/09	8:36:31	9.333	23.972	10.449	135.777	5179.523	135.777	5179.523
8/12/09	8:36:41	9.5	23.838	10.449	136.089	5179.211	136.089	5179.211
8/12/09	8:36:51	9.667	23.697	10.447	136.412	5178.888	136.412	5178.888
8/12/09	8:37:01	9.833	23.567	10.445	136.714	5178.586	136.714	5178.586
8/12/09	8:37:11	10	23.436	10.446	137.017	5178.283	137.017	5178.283
8/12/09	8:37:21	10.167	23.301	10.444	137.327	5177.973	137.327	5177.973
8/12/09	8:37:31	10.333	23.172	10.446	137.626	5177.674	137.626	5177.674
8/12/09	8:37:41	10.5	23.041	10.445	137.928	5177.372	137.928	5177.372
8/12/09	8:37:51	10.667	22.914	10.448	138.222	5177.078	138.222	5177.078
8/12/09	8:38:01	10.833	22.783	10.447	138.524	5176.776	138.524	5176.776
8/12/09	8:38:11	11	22.647	10.450	138.837	5176.463	138.837	5176.463
8/12/09	8:38:21	11.167	22.508	10.452	139.159	5176.141	139.159	5176.141
8/12/09	8:38:31	11.333	22.397	10.452	139.415	5175.885	139.415	5175.885
8/12/09	8:38:41	11.5	22.273	10.456	139.701	5175.599	139.701	5175.599
8/12/09	8:38:51	11.667	22.136	10.458	140.018	5175.282	140.018	5175.282
8/12/09	8:39:01	11.833	22.023	10.461	140.279	5175.021	140.279	5175.021
8/12/09	8:39:11	12	21.910	10.461	140.540	5174.760	140.540	5174.760
8/12/09	8:39:21	12.167	21.771	10.468	140.860	5174.440	140.860	5174.440
8/12/09	8:39:31	12.333	21.684	10.467	141.061	5174.239	141.061	5174.239
8/12/09	8:39:41	12.5	21.551	10.466	141.368	5173.932	141.368	5173.932
8/12/09	8:39:51	12.667	21.460	10.467	141.577	5173.723	141.577	5173.723
8/12/09	8:40:01	12.833	21.314	10.468	141.915	5173.385	141.915	5173.385
8/12/09	8:40:11	13	21.211	10.472	142.152	5173.148	142.152	5173.148
8/12/09	8:40:21	13.167	21.105	10.472	142.398	5172.902	142.398	5172.902
8/12/09	8:40:31	13.333	20.984	10.476	142.677	5172.623	142.677	5172.623
8/12/09	8:40:41	13.5	20.891	10.476	142.892	5172.408	142.892	5172.408
8/12/09	8:40:51	13.667	20.765	10.476	143.183	5172.117	143.183	5172.117
8/12/09	8:41:01	13.833	20.665	10.475	143.413	5171.887	143.413	5171.887
8/12/09	8:41:11	14	20.550	10.481	143.679	5171.621	143.679	5171.621
8/12/09	8:41:21	14.167	20.460	10.483	143.888	5171.412	143.888	5171.412
8/12/09	8:41:31	14.333	20.356	10.485	144.127	5171.173	144.127	5171.173
8/12/09	8:41:41	14.5	20.229	10.488	144.421	5170.879	144.421	5170.879



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	8:41:51	14.667	20.121	10.488	144.670	5170.630	144.670	5170.630
8/12/09	8:42:01	14.833	20.001	10.489	144.947	5170.353	144.947	5170.353
8/12/09	8:42:11	15	19.918	10.487	145.139	5170.161	145.139	5170.161
8/12/09	8:42:21	15.167	19.811	10.493	145.385	5169.915	145.385	5169.915
8/12/09	8:42:31	15.333	19.697	10.492	145.648	5169.652	145.648	5169.652
8/12/09	8:42:41	15.5	19.575	10.494	145.931	5169.369	145.931	5169.369
8/12/09	8:42:51	15.667	19.466	10.497	146.181	5169.119	146.181	5169.119
8/12/09	8:43:01	15.833	19.358	10.499	146.433	5168.867	146.433	5168.867
8/12/09	8:43:11	16	19.303	10.501	146.558	5168.742	146.558	5168.742
8/12/09	8:43:21	16.167	19.173	10.505	146.859	5168.441	146.859	5168.441
8/12/09	8:43:31	16.333	19.063	10.505	147.113	5168.187	147.113	5168.187
8/12/09	8:43:41	16.5	18.971	10.507	147.325	5167.975	147.325	5167.975
8/12/09	8:43:51	16.667	18.848	10.511	147.609	5167.691	147.609	5167.691
8/12/09	8:44:01	16.833	18.745	10.510	147.847	5167.453	147.847	5167.453
8/12/09	8:44:11	17	18.634	10.512	148.102	5167.198	148.102	5167.198
8/12/09	8:44:21	17.167	18.552	10.517	148.293	5167.007	148.293	5167.007
8/12/09	8:44:31	17.333	18.441	10.521	148.549	5166.751	148.549	5166.751
8/12/09	8:44:41	17.5	18.336	10.524	148.791	5166.509	148.791	5166.509
8/12/09	8:44:51	17.667	18.235	10.523	149.026	5166.274	149.026	5166.274
8/12/09	8:45:01	17.833	18.121	10.524	149.288	5166.012	149.288	5166.012
8/12/09	8:45:11	18	18.037	10.524	149.481	5165.819	149.481	5165.819
8/12/09	8:45:21	18.167	17.934	10.526	149.720	5165.580	149.720	5165.580
8/12/09	8:45:31	18.333	17.829	10.526	149.961	5165.339	149.961	5165.339
8/12/09	8:45:41	18.5	17.731	10.528	150.189	5165.111	150.189	5165.111
8/12/09	8:45:51	18.667	17.645	10.529	150.386	5164.914	150.386	5164.914
8/12/09	8:46:01	18.833	17.565	10.528	150.572	5164.728	150.572	5164.728
8/12/09	8:46:11	19	17.434	10.527	150.874	5164.426	150.874	5164.426
8/12/09	8:46:21	19.167	17.326	10.531	151.125	5164.175	151.125	5164.175
8/12/09	8:46:31	19.333	17.230	10.532	151.345	5163.955	151.345	5163.955
8/12/09	8:46:41	19.5	17.142	10.534	151.549	5163.751	151.549	5163.751
8/12/09	8:46:51	19.667	17.051	10.537	151.758	5163.542	151.758	5163.542
8/12/09	8:47:01	19.833	16.959	10.541	151.970	5163.330	151.970	5163.330
8/12/09	8:47:11	20	16.865	10.546	152.189	5163.111	152.189	5163.111
8/12/09	8:47:21	20.167	16.769	10.545	152.409	5162.891	152.409	5162.891
8/12/09	8:47:31	20.333	16.677	10.549	152.623	5162.677	152.623	5162.677
8/12/09	8:47:41	20.5	16.579	10.550	152.848	5162.452	152.848	5162.452
8/12/09	8:47:51	20.667	16.484	10.550	153.068	5162.232	153.068	5162.232
8/12/09	8:48:01	20.833	16.397	10.554	153.269	5162.031	153.269	5162.031
8/12/09	8:48:11	21	16.309	10.554	153.471	5161.829	153.471	5161.829
8/12/09	8:48:21	21.167	16.218	10.554	153.681	5161.619	153.681	5161.619
8/12/09	8:48:31	21.333	16.136	10.557	153.871	5161.429	153.871	5161.429
8/12/09	8:48:41	21.5	16.029	10.562	154.119	5161.181	154.119	5161.181
8/12/09	8:48:51	21.667	15.952	10.566	154.297	5161.003	154.297	5161.003
8/12/09	8:49:01	21.833	15.855	10.567	154.520	5160.780	154.520	5160.780
8/12/09	8:49:11	22	15.771	10.571	154.713	5160.587	154.713	5160.587
8/12/09	8:49:21	22.167	15.683	10.574	154.917	5160.383	154.917	5160.383
8/12/09	8:49:31	22.333	15.594	10.576	155.123	5160.177	155.123	5160.177
8/12/09	8:49:41	22.5	15.509	10.571	155.319	5159.981	155.319	5159.981
8/12/09	8:49:51	22.667	15.424	10.573	155.516	5159.784	155.516	5159.784
8/12/09	8:50:01	22.833	15.334	10.575	155.722	5159.578	155.722	5159.578
8/12/09	8:50:11	23	15.251	10.575	155.916	5159.384	155.916	5159.384
8/12/09	8:50:21	23.167	15.166	10.575	156.111	5159.189	156.111	5159.189
8/12/09	8:50:31	23.333	15.086	10.575	156.297	5159.003	156.297	5159.003
8/12/09	8:50:41	23.5	14.999	10.576	156.496	5158.804	156.496	5158.804
8/12/09	8:50:51	23.667	14.913	10.578	156.694	5158.606	156.694	5158.606
8/12/09	8:51:01	23.833	14.830	10.579	156.888	5158.412	156.888	5158.412

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	8:51:11	24	14.743	10.580	157.087	5158.213	157.087	5158.213
8/12/09	8:51:21	24.167	14.665	10.579	157.269	5158.031	157.269	5158.031
8/12/09	8:51:31	24.333	14.578	10.580	157.470	5157.830	157.470	5157.830
8/12/09	8:51:41	24.5	14.503	10.582	157.643	5157.657	157.643	5157.657
8/12/09	8:51:51	24.667	14.420	10.584	157.833	5157.467	157.833	5157.467
8/12/09	8:52:01	24.833	14.337	10.585	158.026	5157.274	158.026	5157.274
8/12/09	8:52:11	25	14.261	10.583	158.200	5157.100	158.200	5157.100
8/12/09	8:52:21	25.167	14.180	10.585	158.387	5156.913	158.387	5156.913
8/12/09	8:52:31	25.333	14.103	10.587	158.566	5156.734	158.566	5156.734
8/12/09	8:52:41	25.5	14.018	10.591	158.761	5156.539	158.761	5156.539
8/12/09	8:52:51	25.667	13.945	10.595	158.930	5156.370	158.930	5156.370
8/12/09	8:53:01	25.833	13.869	10.595	159.106	5156.194	159.106	5156.194
8/12/09	8:53:11	26	13.789	10.601	159.290	5156.010	159.290	5156.010
8/12/09	8:53:21	26.167	13.717	10.600	159.458	5155.842	159.458	5155.842
8/12/09	8:53:31	26.333	13.641	10.608	159.632	5155.668	159.632	5155.668
8/12/09	8:53:41	26.5	13.561	10.608	159.816	5155.484	159.816	5155.484
8/12/09	8:53:51	26.667	13.489	10.615	159.982	5155.318	159.982	5155.318
8/12/09	8:54:01	26.833	13.418	10.617	160.147	5155.153	160.147	5155.153
8/12/09	8:54:11	27	13.347	10.616	160.312	5154.988	160.312	5154.988
8/12/09	8:54:21	27.167	13.272	10.616	160.485	5154.815	160.485	5154.815
8/12/09	8:54:31	27.333	13.197	10.620	160.658	5154.642	160.658	5154.642
8/12/09	8:54:41	27.5	13.121	10.622	160.832	5154.468	160.832	5154.468
8/12/09	8:54:51	27.667	13.051	10.627	160.995	5154.305	160.995	5154.305
8/12/09	8:55:01	27.833	12.977	10.630	161.164	5154.136	161.164	5154.136
8/12/09	8:55:11	28	12.904	10.631	161.334	5153.966	161.334	5153.966
8/12/09	8:55:21	28.167	12.837	10.635	161.488	5153.812	161.488	5153.812
8/12/09	8:55:31	28.333	12.762	10.635	161.662	5153.638	161.662	5153.638
8/12/09	8:55:41	28.5	12.688	10.639	161.832	5153.468	161.832	5153.468
8/12/09	8:55:51	28.667	12.616	10.638	161.999	5153.301	161.999	5153.301
8/12/09	8:56:01	28.833	12.547	10.640	162.159	5153.141	162.159	5153.141
8/12/09	8:56:11	29	12.478	10.640	162.318	5152.982	162.318	5152.982
8/12/09	8:56:21	29.167	12.408	10.639	162.479	5152.821	162.479	5152.821
8/12/09	8:56:31	29.333	12.336	10.642	162.646	5152.654	162.646	5152.654
8/12/09	8:56:41	29.5	12.267	10.643	162.804	5152.496	162.804	5152.496
8/12/09	8:56:51	29.667	12.199	10.649	162.961	5152.339	162.961	5152.339
8/12/09	8:57:01	29.833	12.133	10.646	163.115	5152.185	163.115	5152.185
8/12/09	8:57:11	30	12.063	10.647	163.276	5152.024	163.276	5152.024
8/12/09	8:57:21	30.167	12.002	10.649	163.416	5151.884	163.416	5151.884
8/12/09	8:57:31	30.333	11.935	10.650	163.571	5151.729	163.571	5151.729
8/12/09	8:57:41	30.5	11.880	10.652	163.698	5151.602	163.698	5151.602
8/12/09	8:57:51	30.667	11.808	10.652	163.865	5151.435	163.865	5151.435
8/12/09	8:58:01	30.833	11.738	10.657	164.025	5151.275	164.025	5151.275
8/12/09	8:58:11	31	11.672	10.655	164.179	5151.121	164.179	5151.121
8/12/09	8:58:21	31.167	11.610	10.654	164.321	5150.979	164.321	5150.979
8/12/09	8:58:31	31.333	11.549	10.657	164.462	5150.838	164.462	5150.838
8/12/09	8:58:41	31.5	11.481	10.658	164.620	5150.680	164.620	5150.680
8/12/09	8:58:51	31.667	11.416	10.663	164.770	5150.530	164.770	5150.530
8/12/09	8:59:01	31.833	11.360	10.664	164.899	5150.401	164.899	5150.401
8/12/09	8:59:11	32	11.290	10.667	165.060	5150.240	165.060	5150.240
8/12/09	8:59:21	32.167	11.229	10.669	165.201	5150.099	165.201	5150.099
8/12/09	8:59:31	32.333	11.163	10.673	165.354	5149.946	165.354	5149.946
8/12/09	8:59:41	32.5	11.105	10.674	165.487	5149.813	165.487	5149.813
8/12/09	8:59:51	32.667	11.037	10.678	165.644	5149.656	165.644	5149.656
8/12/09	9:00:01	32.833	10.979	10.680	165.780	5149.520	165.780	5149.520
8/12/09	9:00:11	33	10.920	10.681	165.914	5149.386	165.914	5149.386
8/12/09	9:00:21	33.167	10.858	10.685	166.059	5149.241	166.059	5149.241

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:00:31	33.333	10.798	10.684	166.196	5149.104	166.196	5149.104
8/12/09	9:00:41	33.5	10.738	10.688	166.335	5148.965	166.335	5148.965
8/12/09	9:00:51	33.667	10.678	10.688	166.473	5148.827	166.473	5148.827
8/12/09	9:01:01	33.833	10.619	10.690	166.610	5148.690	166.610	5148.690
8/12/09	9:01:11	34	10.557	10.692	166.752	5148.548	166.752	5148.548
8/12/09	9:01:21	34.167	10.501	10.693	166.883	5148.417	166.883	5148.417
8/12/09	9:01:31	34.333	10.443	10.694	167.017	5148.283	167.017	5148.283
8/12/09	9:01:41	34.5	10.381	10.697	167.159	5148.141	167.159	5148.141
8/12/09	9:01:51	34.667	10.323	10.698	167.293	5148.007	167.293	5148.007
8/12/09	9:02:01	34.833	10.266	10.698	167.426	5147.874	167.426	5147.874
8/12/09	9:02:11	35	10.213	10.701	167.547	5147.753	167.547	5147.753
8/12/09	9:02:21	35.167	10.156	10.701	167.679	5147.621	167.679	5147.621
8/12/09	9:02:31	35.333	10.100	10.703	167.809	5147.491	167.809	5147.491
8/12/09	9:02:41	35.5	10.048	10.706	167.928	5147.372	167.928	5147.372
8/12/09	9:02:51	35.667	9.989	10.707	168.063	5147.237	168.063	5147.237
8/12/09	9:03:01	35.833	9.936	10.709	168.187	5147.113	168.187	5147.113
8/12/09	9:03:11	36	9.876	10.710	168.326	5146.974	168.326	5146.974
8/12/09	9:03:21	36.167	9.821	10.713	168.452	5146.848	168.452	5146.848
8/12/09	9:03:31	36.333	9.766	10.714	168.580	5146.720	168.580	5146.720
8/12/09	9:03:41	36.5	9.712	10.712	168.704	5146.596	168.704	5146.596
8/12/09	9:03:51	36.667	9.652	10.715	168.843	5146.457	168.843	5146.457
8/12/09	9:04:01	36.833	9.601	10.715	168.960	5146.340	168.960	5146.340
8/12/09	9:04:11	37	9.548	10.714	169.083	5146.217	169.083	5146.217
8/12/09	9:04:21	37.167	9.491	10.720	169.215	5146.085	169.215	5146.085
8/12/09	9:04:31	37.333	9.436	10.721	169.341	5145.959	169.341	5145.959
8/12/09	9:04:41	37.5	9.388	10.722	169.453	5145.847	169.453	5145.847
8/12/09	9:04:51	37.667	9.335	10.722	169.574	5145.726	169.574	5145.726
8/12/09	9:05:01	37.833	9.284	10.727	169.693	5145.607	169.693	5145.607
8/12/09	9:05:11	38	9.238	10.729	169.799	5145.501	169.799	5145.501
8/12/09	9:05:21	38.167	9.187	10.728	169.916	5145.384	169.916	5145.384
8/12/09	9:05:31	38.333	9.135	10.733	170.037	5145.263	170.037	5145.263
8/12/09	9:05:41	38.5	9.086	10.737	170.150	5145.150	170.150	5145.150
8/12/09	9:05:51	38.667	9.037	10.740	170.262	5145.038	170.262	5145.038
8/12/09	9:06:01	38.833	8.988	10.742	170.375	5144.925	170.375	5144.925
8/12/09	9:06:11	39	8.937	10.742	170.493	5144.807	170.493	5144.807
8/12/09	9:06:21	39.167	8.888	10.745	170.606	5144.694	170.606	5144.694
8/12/09	9:06:31	39.333	8.839	10.744	170.719	5144.581	170.719	5144.581
8/12/09	9:06:41	39.5	8.790	10.746	170.833	5144.467	170.833	5144.467
8/12/09	9:06:51	39.667	8.740	10.750	170.949	5144.351	170.949	5144.351
8/12/09	9:07:01	39.833	8.693	10.757	171.056	5144.244	171.056	5144.244
8/12/09	9:07:11	40	8.649	10.762	171.160	5144.141	171.160	5144.141
8/12/09	9:07:21	40.167	8.599	10.766	171.274	5144.026	171.274	5144.026
8/12/09	9:07:31	40.333	8.550	10.768	171.386	5143.914	171.386	5143.914
8/12/09	9:07:41	40.5	8.497	10.769	171.510	5143.790	171.510	5143.790
8/12/09	9:07:51	40.667	8.449	10.774	171.621	5143.679	171.621	5143.679
8/12/09	9:08:01	40.833	8.398	10.775	171.737	5143.563	171.737	5143.563
8/12/09	9:08:11	41	8.346	10.775	171.859	5143.441	171.859	5143.441
8/12/09	9:08:21	41.167	8.293	10.783	171.981	5143.319	171.981	5143.319
8/12/09	9:08:31	41.333	8.242	10.783	172.098	5143.202	172.098	5143.202
8/12/09	9:08:41	41.5	8.190	10.783	172.218	5143.082	172.218	5143.082
8/12/09	9:08:51	41.667	8.137	10.786	172.340	5142.960	172.340	5142.960
8/12/09	9:09:01	41.833	8.090	10.788	172.450	5142.850	172.450	5142.850
8/12/09	9:09:11	42	8.042	10.788	172.560	5142.740	172.560	5142.740
8/12/09	9:09:21	42.167	7.986	10.793	172.689	5142.611	172.689	5142.611
8/12/09	9:09:31	42.333	7.939	10.794	172.798	5142.502	172.798	5142.502
8/12/09	9:09:41	42.5	7.893	10.797	172.904	5142.396	172.904	5142.396

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:09:51	42.667	7.841	10.799	173.023	5142.277	173.023	5142.277
8/12/09	9:10:01	42.833	7.795	10.802	173.130	5142.170	173.130	5142.170
8/12/09	9:10:11	43	7.748	10.802	173.240	5142.060	173.240	5142.060
8/12/09	9:10:21	43.167	7.703	10.804	173.344	5141.956	173.344	5141.956
8/12/09	9:10:31	43.333	7.652	10.807	173.460	5141.840	173.460	5141.840
8/12/09	9:10:41	43.5	7.607	10.806	173.564	5141.736	173.564	5141.736
8/12/09	9:10:51	43.667	7.561	10.804	173.671	5141.629	173.671	5141.629
8/12/09	9:11:01	43.833	7.516	10.806	173.774	5141.526	173.774	5141.526
8/12/09	9:11:11	44	7.467	10.808	173.887	5141.413	173.887	5141.413
8/12/09	9:11:21	44.167	7.420	10.809	173.997	5141.303	173.997	5141.303
8/12/09	9:11:31	44.333	7.375	10.809	174.100	5141.200	174.100	5141.200
8/12/09	9:11:41	44.5	7.326	10.813	174.213	5141.087	174.213	5141.087
8/12/09	9:11:51	44.667	7.283	10.815	174.312	5140.988	174.312	5140.988
8/12/09	9:12:01	44.833	7.236	10.817	174.422	5140.878	174.422	5140.878
8/12/09	9:12:11	45	7.192	10.817	174.523	5140.777	174.523	5140.777
8/12/09	9:12:21	45.167	7.147	10.819	174.626	5140.674	174.626	5140.674
8/12/09	9:12:31	45.333	7.103	10.817	174.728	5140.572	174.728	5140.572
8/12/09	9:12:41	45.5	7.053	10.823	174.844	5140.456	174.844	5140.456
8/12/09	9:12:51	45.667	7.014	10.823	174.933	5140.367	174.933	5140.367
8/12/09	9:13:01	45.833	6.969	10.824	175.038	5140.262	175.038	5140.262
8/12/09	9:13:11	46	6.926	10.825	175.137	5140.163	175.137	5140.163
8/12/09	9:13:21	46.167	6.880	10.828	175.243	5140.057	175.243	5140.057
8/12/09	9:13:31	46.333	6.837	10.832	175.343	5139.957	175.343	5139.957
8/12/09	9:13:41	46.5	6.791	10.831	175.450	5139.850	175.450	5139.850
8/12/09	9:13:51	46.667	6.749	10.837	175.546	5139.754	175.546	5139.754
8/12/09	9:14:01	46.833	6.706	10.837	175.644	5139.656	175.644	5139.656
8/12/09	9:14:11	47	6.667	10.838	175.735	5139.565	175.735	5139.565
8/12/09	9:14:21	47.167	6.629	10.840	175.822	5139.478	175.822	5139.478
8/12/09	9:14:31	47.333	6.590	10.839	175.913	5139.387	175.913	5139.387
8/12/09	9:14:41	47.5	6.553	10.841	175.998	5139.302	175.998	5139.302
8/12/09	9:14:51	47.667	6.515	10.842	176.086	5139.214	176.086	5139.214
8/12/09	9:15:01	47.833	6.476	10.843	176.175	5139.125	176.175	5139.125
8/12/09	9:15:11	48	6.439	10.843	176.261	5139.039	176.261	5139.039
8/12/09	9:15:21	48.167	6.400	10.849	176.352	5138.948	176.352	5138.948
8/12/09	9:15:31	48.333	6.363	10.848	176.436	5138.864	176.436	5138.864
8/12/09	9:15:41	48.5	6.322	10.852	176.531	5138.769	176.531	5138.769
8/12/09	9:15:51	48.667	6.282	10.855	176.624	5138.676	176.624	5138.676
8/12/09	9:16:01	48.833	6.243	10.858	176.714	5138.586	176.714	5138.586
8/12/09	9:16:11	49	6.203	10.862	176.806	5138.494	176.806	5138.494
8/12/09	9:16:21	49.167	6.163	10.865	176.898	5138.402	176.898	5138.402
8/12/09	9:16:31	49.333	6.126	10.870	176.984	5138.316	176.984	5138.316
8/12/09	9:16:41	49.5	6.084	10.873	177.080	5138.220	177.080	5138.220
8/12/09	9:16:51	49.667	6.051	10.876	177.156	5138.144	177.156	5138.144
8/12/09	9:17:01	49.833	6.011	10.878	177.249	5138.051	177.249	5138.051
8/12/09	9:17:11	50	5.973	10.883	177.338	5137.962	177.338	5137.962
8/12/09	9:17:21	50.167	5.942	10.890	177.409	5137.891	177.409	5137.891
8/12/09	9:17:31	50.333	5.900	10.890	177.505	5137.795	177.505	5137.795
8/12/09	9:17:41	50.5	5.865	10.892	177.587	5137.713	177.587	5137.713
8/12/09	9:17:51	50.667	5.827	10.896	177.674	5137.626	177.674	5137.626
8/12/09	9:18:01	50.833	5.791	10.898	177.757	5137.543	177.757	5137.543
8/12/09	9:18:11	51	5.756	10.901	177.838	5137.462	177.838	5137.462
8/12/09	9:18:21	51.167	5.717	10.906	177.929	5137.371	177.929	5137.371
8/12/09	9:18:31	51.333	5.680	10.905	178.015	5137.285	178.015	5137.285
8/12/09	9:18:41	51.5	5.644	10.910	178.096	5137.204	178.096	5137.204
8/12/09	9:18:51	51.667	5.612	10.910	178.171	5137.129	178.171	5137.129
8/12/09	9:19:01	51.833	5.583	10.918	178.238	5137.062	178.238	5137.062

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097			TOC Elev	Corrected DTW	Corrected Elev
			PSI	Temp - C	DTW (ft btoc)	5315.300 GW Elevation		
8/12/09	9:19:11	52	5.538	10.919	178.343	5136.957	178.343	5136.957
8/12/09	9:19:21	52.167	5.501	10.922	178.428	5136.872	178.428	5136.872
8/12/09	9:19:31	52.333	5.465	10.924	178.510	5136.790	178.510	5136.790
8/12/09	9:19:41	52.5	5.428	10.926	178.595	5136.705	178.595	5136.705
8/12/09	9:19:51	52.667	5.399	10.926	178.664	5136.636	178.664	5136.636
8/12/09	9:20:01	52.833	5.365	10.924	178.742	5136.558	178.742	5136.558
8/12/09	9:20:11	53	5.334	10.927	178.813	5136.487	178.813	5136.487
8/12/09	9:20:21	53.167	5.305	10.928	178.880	5136.420	178.880	5136.420
8/12/09	9:20:31	53.333	5.271	10.932	178.958	5136.342	178.958	5136.342
8/12/09	9:20:41	53.5	5.236	10.931	179.039	5136.261	179.039	5136.261
8/12/09	9:20:51	53.667	5.201	10.932	179.121	5136.179	179.121	5136.179
8/12/09	9:21:01	53.833	5.166	10.934	179.200	5136.100	179.200	5136.100
8/12/09	9:21:11	54	5.130	10.932	179.285	5136.015	179.285	5136.015
8/12/09	9:21:21	54.167	5.099	10.936	179.355	5135.945	179.355	5135.945
8/12/09	9:21:31	54.333	5.070	10.941	179.422	5135.878	179.422	5135.878
8/12/09	9:21:41	54.5	5.039	10.941	179.493	5135.807	179.493	5135.807
8/12/09	9:21:51	54.667	5.010	10.942	179.560	5135.740	179.560	5135.740
8/12/09	9:22:01	54.833	4.979	10.949	179.633	5135.667	179.633	5135.667
8/12/09	9:22:11	55	4.950	10.949	179.699	5135.601	179.699	5135.601
8/12/09	9:22:21	55.167	4.921	10.958	179.766	5135.534	179.766	5135.534
8/12/09	9:22:31	55.333	4.896	10.965	179.825	5135.475	179.825	5135.475
8/12/09	9:22:41	55.5	4.868	10.968	179.890	5135.410	179.890	5135.410
8/12/09	9:22:51	55.667	4.840	10.974	179.954	5135.346	179.954	5135.346
8/12/09	9:23:01	55.833	4.817	10.981	180.006	5135.294	180.006	5135.294
8/12/09	9:23:11	56	4.791	10.983	180.067	5135.233	180.067	5135.233
8/12/09	9:23:21	56.167	4.764	10.988	180.128	5135.172	180.128	5135.172
8/12/09	9:23:31	56.333	4.737	10.989	180.191	5135.109	180.191	5135.109
8/12/09	9:23:41	56.5	4.713	10.991	180.246	5135.054	180.246	5135.054
8/12/09	9:23:51	56.667	4.686	10.995	180.308	5134.992	180.308	5134.992
8/12/09	9:24:01	56.833	4.660	10.998	180.370	5134.930	180.370	5134.930
8/12/09	9:24:11	57	4.634	11.000	180.429	5134.871	180.429	5134.871
8/12/09	9:24:21	57.167	4.615	11.001	180.474	5134.826	180.474	5134.826
8/12/09	9:24:31	57.333	4.580	11.002	180.554	5134.746	180.554	5134.746
8/12/09	9:24:41	57.5	4.555	11.006	180.611	5134.689	180.611	5134.689
8/12/09	9:24:51	57.667	4.526	11.009	180.679	5134.621	180.679	5134.621
8/12/09	9:25:01	57.833	4.497	11.011	180.746	5134.554	180.746	5134.554
8/12/09	9:25:11	58	4.471	11.018	180.805	5134.495	180.805	5134.495
8/12/09	9:25:21	58.167	4.444	11.019	180.867	5134.433	180.867	5134.433
8/12/09	9:25:31	58.333	4.418	11.022	180.928	5134.372	180.928	5134.372
8/12/09	9:25:41	58.5	4.388	11.025	180.997	5134.303	180.997	5134.303
8/12/09	9:25:51	58.667	4.361	11.028	181.060	5134.240	181.060	5134.240
8/12/09	9:26:01	58.833	4.335	11.036	181.119	5134.181	181.119	5134.181
8/12/09	9:26:11	59	4.307	11.039	181.183	5134.117	181.183	5134.117
8/12/09	9:26:21	59.167	4.283	11.042	181.240	5134.060	181.240	5134.060
8/12/09	9:26:31	59.333	4.256	11.048	181.302	5133.998	181.302	5133.998
8/12/09	9:26:41	59.5	4.231	11.052	181.359	5133.941	181.359	5133.941
8/12/09	9:26:51	59.667	4.208	11.060	181.412	5133.888	181.412	5133.888
8/12/09	9:27:01	59.833	4.182	11.062	181.473	5133.827	181.473	5133.827
8/12/09	9:27:11	60	4.159	11.063	181.526	5133.774	181.526	5133.774
8/12/09	9:27:21	60.167	4.132	11.070	181.589	5133.711	181.589	5133.711
8/12/09	9:27:31	60.333	4.106	11.076	181.647	5133.653	181.647	5133.653
8/12/09	9:27:41	60.5	4.085	11.076	181.698	5133.602	181.698	5133.602
8/12/09	9:27:51	60.667	4.058	11.081	181.760	5133.540	181.760	5133.540
8/12/09	9:28:01	60.833	4.038	11.087	181.806	5133.494	181.806	5133.494
8/12/09	9:28:11	61	4.011	11.090	181.867	5133.433	181.867	5133.433
8/12/09	9:28:21	61.167	3.985	11.090	181.927	5133.373	181.927	5133.373

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:28:31	61.333	3.962	11.095	181.981	5133.319	181.981	5133.319
8/12/09	9:28:41	61.5	3.938	11.101	182.037	5133.263	182.037	5133.263
8/12/09	9:28:51	61.667	3.914	11.105	182.091	5133.209	182.091	5133.209
8/12/09	9:29:01	61.833	3.891	11.106	182.144	5133.156	182.144	5133.156
8/12/09	9:29:11	62	3.866	11.107	182.203	5133.097	182.203	5133.097
8/12/09	9:29:21	62.167	3.842	11.111	182.259	5133.041	182.259	5133.041
8/12/09	9:29:31	62.333	3.819	11.116	182.311	5132.989	182.311	5132.989
8/12/09	9:29:41	62.5	3.796	11.120	182.364	5132.936	182.364	5132.936
8/12/09	9:29:51	62.667	3.772	11.122	182.419	5132.881	182.419	5132.881
8/12/09	9:30:01	62.833	3.750	11.123	182.470	5132.830	182.470	5132.830
8/12/09	9:30:11	63	3.730	11.127	182.516	5132.784	182.516	5132.784
8/12/09	9:30:21	63.167	3.708	11.132	182.567	5132.733	182.567	5132.733
8/12/09	9:30:31	63.333	3.685	11.132	182.620	5132.680	182.620	5132.680
8/12/09	9:30:41	63.5	3.663	11.138	182.670	5132.630	182.670	5132.630
8/12/09	9:30:51	63.667	3.644	11.138	182.715	5132.585	182.715	5132.585
8/12/09	9:31:01	63.833	3.623	11.141	182.764	5132.536	182.764	5132.536
8/12/09	9:31:11	64	3.602	11.143	182.813	5132.487	182.813	5132.487
8/12/09	9:31:21	64.167	3.578	11.146	182.866	5132.434	182.866	5132.434
8/12/09	9:31:31	64.333	3.557	11.149	182.915	5132.385	182.915	5132.385
8/12/09	9:31:41	64.5	3.537	11.151	182.962	5132.338	182.962	5132.338
8/12/09	9:31:51	64.667	3.517	11.154	183.008	5132.292	183.008	5132.292
8/12/09	9:32:01	64.833	3.495	11.158	183.058	5132.242	183.058	5132.242
8/12/09	9:32:11	65	3.475	11.157	183.104	5132.196	183.104	5132.196
8/12/09	9:32:21	65.167	3.454	11.162	183.153	5132.147	183.153	5132.147
8/12/09	9:32:31	65.334	3.436	11.166	183.195	5132.105	183.195	5132.105
8/12/09	9:32:41	65.5	3.417	11.167	183.240	5132.060	183.240	5132.060
8/12/09	9:32:51	65.667	3.395	11.171	183.290	5132.010	183.290	5132.010
8/12/09	9:33:01	65.833	3.373	11.171	183.340	5131.960	183.340	5131.960
8/12/09	9:33:11	66	3.352	11.176	183.388	5131.912	183.388	5131.912
8/12/09	9:33:21	66.167	3.333	11.181	183.434	5131.866	183.434	5131.866
8/12/09	9:33:31	66.333	3.315	11.182	183.475	5131.825	183.475	5131.825
8/12/09	9:33:41	66.5	3.293	11.188	183.525	5131.775	183.525	5131.775
8/12/09	9:33:51	66.667	3.275	11.191	183.567	5131.733	183.567	5131.733
8/12/09	9:34:01	66.833	3.255	11.196	183.613	5131.687	183.613	5131.687
8/12/09	9:34:11	67	3.234	11.200	183.661	5131.639	183.661	5131.639
8/12/09	9:34:21	67.167	3.218	11.203	183.699	5131.601	183.699	5131.601
8/12/09	9:34:31	67.333	3.198	11.208	183.746	5131.554	183.746	5131.554
8/12/09	9:34:41	67.5	3.178	11.209	183.792	5131.508	183.792	5131.508
8/12/09	9:34:51	67.667	3.162	11.214	183.828	5131.472	183.828	5131.472
8/12/09	9:35:01	67.833	3.143	11.217	183.872	5131.428	183.872	5131.428
8/12/09	9:35:11	68	3.125	11.219	183.913	5131.387	183.913	5131.387
8/12/09	9:35:21	68.167	3.107	11.222	183.954	5131.346	183.954	5131.346
8/12/09	9:35:31	68.333	3.086	11.224	184.003	5131.297	184.003	5131.297
8/12/09	9:35:41	68.5	3.070	11.225	184.041	5131.259	184.041	5131.259
8/12/09	9:35:51	68.667	3.050	11.228	184.087	5131.213	184.087	5131.213
8/12/09	9:36:01	68.833	3.032	11.228	184.127	5131.173	184.127	5131.173
8/12/09	9:36:11	69	3.014	11.232	184.170	5131.130	184.170	5131.130
8/12/09	9:36:21	69.167	2.996	11.233	184.210	5131.090	184.210	5131.090
8/12/09	9:36:31	69.333	2.981	11.234	184.245	5131.055	184.245	5131.055
8/12/09	9:36:41	69.5	2.963	11.240	184.287	5131.013	184.287	5131.013
8/12/09	9:36:51	69.667	2.946	11.240	184.327	5130.973	184.327	5130.973
8/12/09	9:37:01	69.833	2.931	11.242	184.362	5130.938	184.362	5130.938
8/12/09	9:37:11	70	2.914	11.247	184.400	5130.900	184.400	5130.900
8/12/09	9:37:21	70.167	2.899	11.250	184.435	5130.865	184.435	5130.865
8/12/09	9:37:31	70.333	2.883	11.255	184.471	5130.829	184.471	5130.829
8/12/09	9:37:41	70.5	2.866	11.258	184.510	5130.790	184.510	5130.790

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:37:51	70.667	2.850	11.259	184.548	5130.752	184.548	5130.752
8/12/09	9:38:01	70.833	2.836	11.263	184.581	5130.719	184.581	5130.719
8/12/09	9:38:11	71	2.819	11.264	184.620	5130.680	184.620	5130.680
8/12/09	9:38:21	71.167	2.802	11.269	184.659	5130.641	184.659	5130.641
8/12/09	9:38:31	71.333	2.786	11.272	184.697	5130.603	184.697	5130.603
8/12/09	9:38:41	71.5	2.770	11.273	184.733	5130.567	184.733	5130.567
8/12/09	9:38:51	71.667	2.755	11.275	184.768	5130.532	184.768	5130.532
8/12/09	9:39:01	71.833	2.738	11.277	184.808	5130.492	184.808	5130.492
8/12/09	9:39:11	72	2.721	11.279	184.846	5130.454	184.846	5130.454
8/12/09	9:39:21	72.167	2.707	11.282	184.878	5130.422	184.878	5130.422
8/12/09	9:39:31	72.333	2.693	11.283	184.910	5130.390	184.910	5130.390
8/12/09	9:39:41	72.5	2.678	11.285	184.946	5130.354	184.946	5130.354
8/12/09	9:39:51	72.667	2.664	11.286	184.977	5130.323	184.977	5130.323
8/12/09	9:40:01	72.833	2.649	11.286	185.011	5130.289	185.011	5130.289
8/12/09	9:40:11	73	2.636	11.290	185.043	5130.257	185.043	5130.257
8/12/09	9:40:21	73.167	2.624	11.290	185.071	5130.229	185.071	5130.229
8/12/09	9:40:31	73.333	2.610	11.290	185.103	5130.197	185.103	5130.197
8/12/09	9:40:41	73.5	2.596	11.294	185.135	5130.165	185.135	5130.165
8/12/09	9:40:51	73.667	2.581	11.299	185.170	5130.130	185.170	5130.130
8/12/09	9:41:01	73.833	2.567	11.303	185.201	5130.099	185.201	5130.099
8/12/09	9:41:11	74	2.551	11.308	185.239	5130.061	185.239	5130.061
8/12/09	9:41:21	74.167	2.535	11.313	185.275	5130.025	185.275	5130.025
8/12/09	9:41:31	74.333	2.522	11.314	185.305	5129.995	185.305	5129.995
8/12/09	9:41:41	74.5	2.507	11.319	185.339	5129.961	185.339	5129.961
8/12/09	9:41:51	74.667	2.493	11.322	185.372	5129.928	185.372	5129.928
8/12/09	9:42:01	74.833	2.479	11.326	185.405	5129.895	185.405	5129.895
8/12/09	9:42:11	75	2.465	11.326	185.436	5129.864	185.436	5129.864
8/12/09	9:42:21	75.167	2.453	11.330	185.466	5129.834	185.466	5129.834
8/12/09	9:42:31	75.333	2.438	11.335	185.500	5129.800	185.500	5129.800
8/12/09	9:42:41	75.5	2.423	11.335	185.534	5129.766	185.534	5129.766
8/12/09	9:42:51	75.667	2.411	11.339	185.562	5129.738	185.562	5129.738
8/12/09	9:43:01	75.834	2.399	11.339	185.591	5129.710	185.591	5129.710
8/12/09	9:43:11	76	2.386	11.339	185.620	5129.680	185.620	5129.680
8/12/09	9:43:21	76.167	2.369	11.339	185.658	5129.642	185.658	5129.642
8/12/09	9:43:31	76.333	2.357	11.347	185.686	5129.614	185.686	5129.614
8/12/09	9:43:41	76.5	2.344	11.347	185.717	5129.583	185.717	5129.583
8/12/09	9:43:51	76.667	2.330	11.351	185.749	5129.551	185.749	5129.551
8/12/09	9:44:01	76.833	2.317	11.353	185.779	5129.521	185.779	5129.521
8/12/09	9:44:11	77	2.305	11.358	185.807	5129.493	185.807	5129.493
8/12/09	9:44:21	77.167	2.292	11.359	185.836	5129.464	185.836	5129.464
8/12/09	9:44:31	77.333	2.280	11.360	185.865	5129.435	185.865	5129.435
8/12/09	9:44:41	77.5	2.266	11.361	185.896	5129.404	185.896	5129.404
8/12/09	9:44:51	77.667	2.256	11.366	185.919	5129.381	185.919	5129.381
8/12/09	9:45:01	77.833	2.243	11.370	185.949	5129.351	185.949	5129.351
8/12/09	9:45:11	78	2.230	11.373	185.979	5129.321	185.979	5129.321
8/12/09	9:45:21	78.167	2.221	11.373	186.000	5129.300	186.000	5129.300
8/12/09	9:45:31	78.333	2.208	11.380	186.031	5129.269	186.031	5129.269
8/12/09	9:45:41	78.5	2.196	11.382	186.058	5129.242	186.058	5129.242
8/12/09	9:45:51	78.667	2.184	11.385	186.086	5129.214	186.086	5129.214
8/12/09	9:46:01	78.833	2.174	11.387	186.109	5129.191	186.109	5129.191
8/12/09	9:46:11	79	2.161	11.390	186.138	5129.162	186.138	5129.162
8/12/09	9:46:21	79.167	2.150	11.393	186.166	5129.134	186.166	5129.134
8/12/09	9:46:31	79.333	2.138	11.397	186.193	5129.107	186.193	5129.107
8/12/09	9:46:41	79.5	2.124	11.399	186.224	5129.076	186.224	5129.076
8/12/09	9:46:51	79.667	2.112	11.402	186.252	5129.048	186.252	5129.048
8/12/09	9:47:01	79.833	2.101	11.402	186.277	5129.023	186.277	5129.023

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:47:11	80	2.089	11.408	186.306	5128.994	186.306	5128.994
8/12/09	9:47:21	80.167	2.076	11.409	186.337	5128.963	186.337	5128.963
8/12/09	9:47:31	80.333	2.065	11.411	186.361	5128.939	186.361	5128.939
8/12/09	9:47:41	80.5	2.054	11.413	186.385	5128.915	186.385	5128.915
8/12/09	9:47:51	80.667	2.042	11.419	186.413	5128.887	186.413	5128.887
8/12/09	9:48:01	80.833	2.031	11.419	186.438	5128.862	186.438	5128.862
8/12/09	9:48:11	81	2.022	11.421	186.459	5128.841	186.459	5128.841
8/12/09	9:48:21	81.167	2.013	11.426	186.480	5128.820	186.480	5128.820
8/12/09	9:48:31	81.333	1.999	11.428	186.513	5128.787	186.513	5128.787
8/12/09	9:48:41	81.5	1.989	11.430	186.537	5128.763	186.537	5128.763
8/12/09	9:48:51	81.667	1.977	11.432	186.564	5128.736	186.564	5128.736
8/12/09	9:49:01	81.833	1.966	11.436	186.590	5128.710	186.590	5128.710
8/12/09	9:49:11	82	1.957	11.436	186.610	5128.690	186.610	5128.690
8/12/09	9:49:21	82.167	1.944	11.444	186.639	5128.661	186.639	5128.661
8/12/09	9:49:31	82.333	1.935	11.446	186.660	5128.640	186.660	5128.640
8/12/09	9:49:41	82.5	1.925	11.447	186.685	5128.615	186.685	5128.615
8/12/09	9:49:51	82.667	1.913	11.450	186.711	5128.589	186.711	5128.589
8/12/09	9:50:01	82.833	1.903	11.453	186.735	5128.565	186.735	5128.565
8/12/09	9:50:11	83	1.892	11.457	186.759	5128.541	186.759	5128.541
8/12/09	9:50:21	83.167	1.881	11.460	186.786	5128.514	186.786	5128.514
8/12/09	9:50:31	83.333	1.872	11.459	186.807	5128.493	186.807	5128.493
8/12/09	9:50:41	83.5	1.861	11.463	186.832	5128.468	186.832	5128.468
8/12/09	9:50:51	83.667	1.851	11.465	186.855	5128.445	186.855	5128.445
8/12/09	9:51:01	83.833	1.839	11.468	186.882	5128.418	186.882	5128.418
8/12/09	9:51:11	84	1.829	11.471	186.905	5128.395	186.905	5128.395
8/12/09	9:51:21	84.167	1.819	11.471	186.929	5128.371	186.929	5128.371
8/12/09	9:51:31	84.333	1.808	11.477	186.955	5128.345	186.955	5128.345
8/12/09	9:51:41	84.5	1.797	11.478	186.979	5128.321	186.979	5128.321
8/12/09	9:51:51	84.667	1.786	11.485	187.006	5128.294	187.006	5128.294
8/12/09	9:52:01	84.833	1.777	11.485	187.025	5128.275	187.025	5128.275
8/12/09	9:52:11	85	1.768	11.486	187.046	5128.254	187.046	5128.254
8/12/09	9:52:21	85.167	1.757	11.487	187.072	5128.228	187.072	5128.228
8/12/09	9:52:31	85.333	1.748	11.492	187.093	5128.207	187.093	5128.207
8/12/09	9:52:41	85.5	1.737	11.495	187.119	5128.181	187.119	5128.181
8/12/09	9:52:51	85.667	1.731	11.494	187.131	5128.169	187.131	5128.169
8/12/09	9:53:01	85.833	1.721	11.500	187.155	5128.145	187.155	5128.145
8/12/09	9:53:11	86	1.716	11.503	187.167	5128.133	187.167	5128.133
8/12/09	9:53:21	86.167	1.708	11.505	187.186	5128.114	187.186	5128.114
8/12/09	9:53:31	86.333	1.700	11.506	187.203	5128.097	187.203	5128.097
8/12/09	9:53:41	86.5	1.698	11.510	187.208	5128.092	187.208	5128.092
8/12/09	9:53:51	86.667	1.690	11.511	187.228	5128.072	187.228	5128.072
8/12/09	9:54:01	86.833	1.684	11.515	187.241	5128.059	187.241	5128.059
8/12/09	9:54:11	87	1.679	11.515	187.251	5128.049	187.251	5128.049
8/12/09	9:54:21	87.167	1.670	11.515	187.273	5128.027	187.273	5128.027
8/12/09	9:54:31	87.333	1.666	11.520	187.282	5128.018	187.282	5128.018
8/12/09	9:54:41	87.5	1.660	11.523	187.295	5128.005	187.295	5128.005
8/12/09	9:54:51	87.667	1.655	11.528	187.307	5127.993	187.307	5127.993
8/12/09	9:55:01	87.833	1.649	11.529	187.320	5127.980	187.320	5127.980
8/12/09	9:55:11	88	1.643	11.533	187.335	5127.965	187.335	5127.965
8/12/09	9:55:21	88.167	1.638	11.536	187.347	5127.953	187.347	5127.953
8/12/09	9:55:31	88.333	1.634	11.537	187.357	5127.943	187.357	5127.943
8/12/09	9:55:41	88.5	1.626	11.544	187.374	5127.926	187.374	5127.926
8/12/09	9:55:51	88.667	1.623	11.545	187.382	5127.918	187.382	5127.918
8/12/09	9:56:01	88.833	1.616	11.545	187.397	5127.903	187.397	5127.903
8/12/09	9:56:11	89	1.610	11.546	187.412	5127.888	187.412	5127.888
8/12/09	9:56:21	89.167	1.609	11.552	187.414	5127.886	187.414	5127.886



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	9:56:31	89.333	1.601	11.552	187.431	5127.869	187.431	5127.869
8/12/09	9:56:41	89.5	1.596	11.558	187.445	5127.855	187.445	5127.855
8/12/09	9:56:51	89.667	1.591	11.557	187.455	5127.845	187.455	5127.845
8/12/09	9:57:01	89.833	1.584	11.561	187.471	5127.829	187.471	5127.829
8/12/09	9:57:11	90	1.577	11.564	187.488	5127.812	187.488	5127.812
8/12/09	9:57:21	90.167	1.572	11.567	187.499	5127.801	187.499	5127.801
8/12/09	9:57:31	90.333	1.567	11.565	187.511	5127.789	187.511	5127.789
8/12/09	9:57:41	90.5	1.562	11.569	187.521	5127.779	187.521	5127.779
8/12/09	9:57:51	90.667	1.571	11.571	187.502	5127.798	187.502	5127.798
8/12/09	9:58:01	90.833	1.566	11.573	187.513	5127.787	187.513	5127.787
8/12/09	9:58:11	91	1.563	11.577	187.520	5127.780	187.520	5127.780
8/12/09	9:58:21	91.167	1.563	11.578	187.521	5127.779	187.521	5127.779
8/12/09	9:58:31	91.333	1.559	11.582	187.528	5127.772	187.528	5127.772
8/12/09	9:58:41	91.5	1.558	11.584	187.532	5127.768	187.532	5127.768
8/12/09	9:58:51	91.667	1.557	11.585	187.534	5127.766	187.534	5127.766
8/12/09	9:59:01	91.833	1.554	11.587	187.540	5127.760	187.540	5127.760
8/12/09	9:59:11	92	1.557	11.590	187.534	5127.766	187.534	5127.766
8/12/09	9:59:21	92.167	1.554	11.593	187.540	5127.760	187.540	5127.760
8/12/09	9:59:31	92.333	1.551	11.596	187.548	5127.752	187.548	5127.752
8/12/09	9:59:41	92.5	1.546	11.601	187.560	5127.740	187.560	5127.740
8/12/09	9:59:51	92.667	1.544	11.601	187.564	5127.736	187.564	5127.736
8/12/09	10:00:01	92.833	1.540	11.604	187.573	5127.727	187.573	5127.727
8/12/09	10:00:11	93	1.539	11.606	187.576	5127.724	187.576	5127.724
8/12/09	10:00:21	93.167	1.538	11.611	187.579	5127.721	187.579	5127.721
8/12/09	10:00:31	93.333	1.533	11.611	187.590	5127.710	187.590	5127.710
8/12/09	10:00:41	93.5	1.531	11.614	187.593	5127.707	187.593	5127.707
8/12/09	10:00:51	93.667	1.529	11.619	187.597	5127.703	187.597	5127.703
8/12/09	10:01:01	93.833	1.524	11.620	187.609	5127.691	187.609	5127.691
8/12/09	10:01:11	94	1.524	11.624	187.609	5127.691	187.609	5127.691
8/12/09	10:01:21	94.167	1.521	11.628	187.616	5127.684	187.616	5127.684
8/12/09	10:01:31	94.333	1.521	11.628	187.617	5127.683	187.617	5127.683
8/12/09	10:01:41	94.5	1.517	11.630	187.625	5127.675	187.625	5127.675
8/12/09	10:01:51	94.667	1.515	11.633	187.632	5127.669	187.632	5127.669
8/12/09	10:02:01	94.833	1.514	11.635	187.634	5127.666	187.634	5127.666
8/12/09	10:02:11	95	1.511	11.638	187.641	5127.659	187.641	5127.659
8/12/09	10:02:21	95.167	1.506	11.640	187.652	5127.648	187.652	5127.648
8/12/09	10:02:31	95.333	1.507	11.639	187.650	5127.650	187.650	5127.650
8/12/09	10:02:41	95.5	1.503	11.646	187.659	5127.641	187.659	5127.641
8/12/09	10:02:51	95.667	1.500	11.649	187.666	5127.634	187.666	5127.634
8/12/09	10:03:01	95.833	1.497	11.652	187.673	5127.627	187.673	5127.627
8/12/09	10:03:11	96	1.495	11.655	187.677	5127.623	187.677	5127.623
8/12/09	10:03:21	96.167	1.489	11.658	187.690	5127.610	187.690	5127.610
8/12/09	10:03:31	96.333	1.487	11.662	187.695	5127.605	187.695	5127.605
8/12/09	10:03:41	96.5	1.484	11.665	187.702	5127.598	187.702	5127.598
8/12/09	10:03:51	96.667	1.481	11.667	187.710	5127.590	187.710	5127.590
8/12/09	10:04:01	96.833	1.480	11.670	187.712	5127.588	187.712	5127.588
8/12/09	10:04:11	97	1.475	11.673	187.723	5127.577	187.723	5127.577
8/12/09	10:04:21	97.167	1.473	11.676	187.728	5127.572	187.728	5127.572
8/12/09	10:04:31	97.333	1.471	11.677	187.732	5127.568	187.732	5127.568
8/12/09	10:04:41	97.5	1.467	11.682	187.741	5127.559	187.741	5127.559
8/12/09	10:04:51	97.667	1.465	11.683	187.746	5127.554	187.746	5127.554
8/12/09	10:05:01	97.833	1.462	11.687	187.753	5127.547	187.753	5127.547
8/12/09	10:05:11	98	1.459	11.689	187.759	5127.541	187.759	5127.541
8/12/09	10:05:21	98.167	1.456	11.691	187.767	5127.533	187.767	5127.533
8/12/09	10:05:31	98.333	1.453	11.694	187.774	5127.526	187.774	5127.526
8/12/09	10:05:41	98.5	1.450	11.697	187.781	5127.519	187.781	5127.519

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:05:51	98.667	1.448	11.700	187.785	5127.515	187.785	5127.515
8/12/09	10:06:01	98.833	1.445	11.700	187.793	5127.507	187.793	5127.507
8/12/09	10:06:11	99	1.442	11.706	187.800	5127.500	187.800	5127.500
8/12/09	10:06:21	99.167	1.439	11.705	187.807	5127.493	187.807	5127.493
8/12/09	10:06:31	99.333	1.436	11.708	187.814	5127.486	187.814	5127.486
8/12/09	10:06:41	99.5	1.434	11.714	187.817	5127.483	187.817	5127.483
8/12/09	10:06:51	99.667	1.432	11.712	187.822	5127.478	187.822	5127.478
8/12/09	10:07:01	99.833	1.429	11.715	187.830	5127.470	187.830	5127.470
8/12/09	10:07:11	100	1.427	11.715	187.833	5127.467	187.833	5127.467
8/12/09	10:07:21	100.167	1.426	11.717	187.837	5127.463	187.837	5127.463
8/12/09	10:07:31	100.333	1.423	11.719	187.843	5127.457	187.843	5127.457
8/12/09	10:07:41	100.5	1.421	11.726	187.847	5127.453	187.847	5127.453
8/12/09	10:07:51	100.667	1.417	11.720	187.857	5127.443	187.857	5127.443
8/12/09	10:08:01	100.833	1.413	11.727	187.866	5127.434	187.866	5127.434
8/12/09	10:08:11	101	1.411	11.726	187.870	5127.430	187.870	5127.430
8/12/09	10:08:21	101.167	1.407	11.728	187.879	5127.421	187.879	5127.421
8/12/09	10:08:31	101.333	1.404	11.732	187.888	5127.412	187.888	5127.412
8/12/09	10:08:41	101.5	1.400	11.732	187.897	5127.403	187.897	5127.403
8/12/09	10:08:51	101.667	1.395	11.734	187.907	5127.393	187.907	5127.393
8/12/09	10:09:01	101.833	1.391	11.735	187.918	5127.382	187.918	5127.382
8/12/09	10:09:11	102	1.389	11.741	187.923	5127.377	187.923	5127.377
8/12/09	10:09:21	102.167	1.383	11.742	187.935	5127.365	187.935	5127.365
8/12/09	10:09:31	102.333	1.380	11.743	187.943	5127.357	187.943	5127.357
8/12/09	10:09:41	102.5	1.373	11.744	187.959	5127.341	187.959	5127.341
8/12/09	10:09:51	102.667	1.372	11.750	187.961	5127.339	187.961	5127.339
8/12/09	10:10:01	102.833	1.366	11.749	187.974	5127.326	187.974	5127.326
8/12/09	10:10:11	103	1.361	11.752	187.985	5127.315	187.985	5127.315
8/12/09	10:10:21	103.167	1.357	11.754	187.996	5127.304	187.996	5127.304
8/12/09	10:10:31	103.333	1.352	11.756	188.006	5127.294	188.006	5127.294
8/12/09	10:10:41	103.5	1.351	11.761	188.010	5127.290	188.010	5127.290
8/12/09	10:10:51	103.667	1.344	11.764	188.025	5127.275	188.025	5127.275
8/12/09	10:11:01	103.833	1.338	11.763	188.040	5127.260	188.040	5127.260
8/12/09	10:11:11	104	1.335	11.767	188.046	5127.254	188.046	5127.254
8/12/09	10:11:21	104.167	1.328	11.769	188.062	5127.238	188.062	5127.238
8/12/09	10:11:31	104.333	1.325	11.772	188.069	5127.231	188.069	5127.231
8/12/09	10:11:41	104.5	1.319	11.778	188.083	5127.217	188.083	5127.217
8/12/09	10:11:51	104.667	1.317	11.776	188.087	5127.213	188.087	5127.213
8/12/09	10:12:01	104.833	1.313	11.781	188.097	5127.203	188.097	5127.203
8/12/09	10:12:11	105	1.308	11.781	188.108	5127.192	188.108	5127.192
8/12/09	10:12:21	105.167	1.305	11.784	188.114	5127.186	188.114	5127.186
8/12/09	10:12:31	105.333	1.301	11.787	188.124	5127.176	188.124	5127.176
8/12/09	10:12:41	105.5	1.300	11.791	188.128	5127.172	188.128	5127.172
8/12/09	10:12:51	105.667	1.295	11.791	188.138	5127.162	188.138	5127.162
8/12/09	10:13:01	105.833	1.291	11.795	188.147	5127.153	188.147	5127.153
8/12/09	10:13:11	106	1.290	11.796	188.151	5127.149	188.151	5127.149
8/12/09	10:13:21	106.167	1.287	11.800	188.156	5127.144	188.156	5127.144
8/12/09	10:13:31	106.333	1.285	11.802	188.162	5127.138	188.162	5127.138
8/12/09	10:13:41	106.5	1.282	11.803	188.168	5127.132	188.168	5127.132
8/12/09	10:13:51	106.667	1.280	11.807	188.172	5127.128	188.172	5127.128
8/12/09	10:14:01	106.833	1.277	11.810	188.180	5127.120	188.180	5127.120
8/12/09	10:14:11	107	1.275	11.811	188.184	5127.116	188.184	5127.116
8/12/09	10:14:21	107.167	1.274	11.815	188.188	5127.112	188.188	5127.112
8/12/09	10:14:31	107.333	1.268	11.816	188.200	5127.100	188.200	5127.100
8/12/09	10:14:41	107.5	1.267	11.819	188.203	5127.097	188.203	5127.097
8/12/09	10:14:51	107.667	1.265	11.824	188.208	5127.092	188.208	5127.092
8/12/09	10:15:01	107.833	1.264	11.821	188.211	5127.089	188.211	5127.089

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:15:11	108	1.263	11.823	188.212	5127.088	188.212	5127.088
8/12/09	10:15:21	108.167	1.260	11.826	188.220	5127.080	188.220	5127.080
8/12/09	10:15:31	108.333	1.259	11.826	188.223	5127.077	188.223	5127.077
8/12/09	10:15:41	108.5	1.256	11.828	188.228	5127.072	188.228	5127.072
8/12/09	10:15:51	108.667	1.255	11.832	188.230	5127.070	188.230	5127.070
8/12/09	10:16:01	108.833	1.252	11.832	188.237	5127.063	188.237	5127.063
8/12/09	10:16:11	109	1.250	11.833	188.242	5127.058	188.242	5127.058
8/12/09	10:16:21	109.167	1.249	11.834	188.245	5127.055	188.245	5127.055
8/12/09	10:16:31	109.333	1.245	11.839	188.253	5127.047	188.253	5127.047
8/12/09	10:16:41	109.5	1.244	11.842	188.257	5127.043	188.257	5127.043
8/12/09	10:16:51	109.667	1.243	11.844	188.258	5127.042	188.258	5127.042
8/12/09	10:17:01	109.833	1.244	11.845	188.257	5127.043	188.257	5127.043
8/12/09	10:17:11	110	1.243	11.849	188.259	5127.041	188.259	5127.041
8/12/09	10:17:21	110.167	1.240	11.848	188.266	5127.034	188.266	5127.034
8/12/09	10:17:31	110.333	1.239	11.851	188.268	5127.032	188.268	5127.032
8/12/09	10:17:41	110.5	1.239	11.855	188.268	5127.032	188.268	5127.032
8/12/09	10:17:51	110.667	1.236	11.856	188.276	5127.024	188.276	5127.024
8/12/09	10:18:01	110.833	1.235	11.859	188.278	5127.022	188.278	5127.022
8/12/09	10:18:11	111	1.232	11.860	188.283	5127.017	188.283	5127.017
8/12/09	10:18:21	111.167	1.231	11.862	188.286	5127.014	188.286	5127.014
8/12/09	10:18:31	111.333	1.230	11.865	188.288	5127.012	188.288	5127.012
8/12/09	10:18:41	111.5	1.228	11.868	188.293	5127.007	188.293	5127.007
8/12/09	10:18:51	111.667	1.226	11.873	188.297	5127.003	188.297	5127.003
8/12/09	10:19:01	111.833	1.227	11.873	188.296	5127.004	188.296	5127.004
8/12/09	10:19:11	112	1.225	11.875	188.300	5127.000	188.300	5127.000
8/12/09	10:19:21	112.167	1.222	11.877	188.306	5126.994	188.306	5126.994
8/12/09	10:19:31	112.333	1.222	11.879	188.306	5126.994	188.306	5126.994
8/12/09	10:19:41	112.5	1.222	11.882	188.308	5126.992	188.308	5126.992
8/12/09	10:19:51	112.667	1.221	11.881	188.309	5126.991	188.309	5126.991
8/12/09	10:20:01	112.833	1.219	11.888	188.315	5126.985	188.315	5126.985
8/12/09	10:20:11	113	1.218	11.887	188.317	5126.983	188.317	5126.983
8/12/09	10:20:21	113.167	1.216	11.890	188.321	5126.979	188.321	5126.979
8/12/09	10:20:31	113.333	1.215	11.889	188.324	5126.976	188.324	5126.976
8/12/09	10:20:41	113.5	1.211	11.895	188.333	5126.967	188.333	5126.967
8/12/09	10:20:51	113.667	1.212	11.895	188.330	5126.970	188.330	5126.970
8/12/09	10:21:01	113.833	1.209	11.896	188.337	5126.963	188.337	5126.963
8/12/09	10:21:11	114	1.207	11.902	188.341	5126.959	188.341	5126.959
8/12/09	10:21:21	114.167	1.205	11.902	188.347	5126.953	188.347	5126.953
8/12/09	10:21:31	114.333	1.208	11.901	188.339	5126.961	188.339	5126.961
8/12/09	10:21:41	114.5	1.211	11.904	188.333	5126.967	188.333	5126.967
8/12/09	10:21:51	114.667	1.213	11.906	188.329	5126.971	188.329	5126.971
8/12/09	10:22:01	114.833	1.215	11.910	188.324	5126.976	188.324	5126.976
8/12/09	10:22:11	115	1.214	11.910	188.326	5126.974	188.326	5126.974
8/12/09	10:22:21	115.167	1.211	11.913	188.332	5126.968	188.332	5126.968
8/12/09	10:22:31	115.333	1.210	11.914	188.335	5126.965	188.335	5126.965
8/12/09	10:22:41	115.5	1.209	11.915	188.338	5126.962	188.338	5126.962
8/12/09	10:22:51	115.667	1.205	11.918	188.347	5126.953	188.347	5126.953
8/12/09	10:23:01	115.833	1.202	11.918	188.353	5126.947	188.353	5126.947
8/12/09	10:23:11	116	1.199	11.925	188.361	5126.939	188.361	5126.939
8/12/09	10:23:21	116.167	1.198	11.925	188.362	5126.938	188.362	5126.938
8/12/09	10:23:31	116.333	1.197	11.926	188.364	5126.936	188.364	5126.936
8/12/09	10:23:41	116.5	1.195	11.926	188.369	5126.931	188.369	5126.931
8/12/09	10:23:51	116.667	1.193	11.927	188.374	5126.926	188.374	5126.926
8/12/09	10:24:01	116.833	1.191	11.929	188.378	5126.922	188.378	5126.922
8/12/09	10:24:11	117	1.385	11.931	187.930	5127.370	187.930	5127.370
8/12/09	10:24:21	117.167	1.582	11.931	187.477	5127.823	187.477	5127.823

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:24:31	117.333	1.761	11.932	187.064	5128.236	187.064	5128.236
8/12/09	10:24:41	117.5	1.928	11.928	186.678	5128.622	186.678	5128.622
8/12/09	10:24:51	117.667	2.083	11.923	186.319	5128.981	186.319	5128.981
8/12/09	10:25:01	117.833	2.237	11.919	185.963	5129.337	185.963	5129.337
8/12/09	10:25:11	118	2.361	11.914	185.677	5129.623	185.677	5129.623
8/12/09	10:25:21	118.167	2.454	11.906	185.462	5129.838	185.462	5129.838
8/12/09	10:25:31	118.333	2.540	11.898	185.265	5130.035	185.265	5130.035
8/12/09	10:25:41	118.5	2.622	11.883	185.075	5130.225	185.075	5130.225
8/12/09	10:25:51	118.667	2.702	11.874	184.889	5130.411	184.889	5130.411
8/12/09	10:26:01	118.833	2.781	11.865	184.708	5130.592	184.708	5130.592
8/12/09	10:26:11	119	2.862	11.853	184.520	5130.780	184.520	5130.780
8/12/09	10:26:21	119.167	2.942	11.843	184.336	5130.964	184.336	5130.964
8/12/09	10:26:31	119.333	3.020	11.836	184.157	5131.143	184.157	5131.143
8/12/09	10:26:41	119.5	3.098	11.827	183.977	5131.323	183.977	5131.323
8/12/09	10:26:51	119.667	3.175	11.819	183.797	5131.503	183.797	5131.503
8/12/09	10:27:01	119.833	3.252	11.813	183.619	5131.681	183.619	5131.681
8/12/09	10:27:11	120	3.329	11.806	183.443	5131.857	183.443	5131.857
8/12/09	10:27:21	120.167	3.405	11.804	183.268	5132.032	183.268	5132.032
8/12/09	10:27:31	120.333	3.482	11.796	183.090	5132.210	183.090	5132.210
8/12/09	10:27:41	120.5	3.557	11.791	182.916	5132.384	182.916	5132.384
8/12/09	10:27:51	120.667	3.634	11.790	182.738	5132.562	182.738	5132.562
8/12/09	10:28:01	120.833	3.708	11.786	182.566	5132.734	182.566	5132.734
8/12/09	10:28:11	121	3.784	11.780	182.392	5132.908	182.392	5132.908
8/12/09	10:28:21	121.167	3.858	11.779	182.221	5133.079	182.221	5133.079
8/12/09	10:28:31	121.333	3.932	11.776	182.051	5133.249	182.051	5133.249
8/12/09	10:28:41	121.5	4.004	11.773	181.883	5133.417	181.883	5133.417
8/12/09	10:28:51	121.667	4.081	11.769	181.706	5133.594	181.706	5133.594
8/12/09	10:29:01	121.833	4.154	11.766	181.537	5133.763	181.537	5133.763
8/12/09	10:29:11	122	4.224	11.766	181.375	5133.925	181.375	5133.925
8/12/09	10:29:21	122.167	4.297	11.760	181.207	5134.093	181.207	5134.093
8/12/09	10:29:31	122.333	4.369	11.760	181.041	5134.259	181.041	5134.259
8/12/09	10:29:41	122.5	4.442	11.760	180.872	5134.428	180.872	5134.428
8/12/09	10:29:51	122.667	4.514	11.757	180.706	5134.594	180.706	5134.594
8/12/09	10:30:01	122.833	4.585	11.757	180.542	5134.758	180.542	5134.758
8/12/09	10:30:11	123	4.657	11.758	180.375	5134.925	180.375	5134.925
8/12/09	10:30:21	123.167	4.728	11.757	180.211	5135.089	180.211	5135.089
8/12/09	10:30:31	123.333	4.798	11.753	180.049	5135.251	180.049	5135.251
8/12/09	10:30:41	123.5	4.866	11.757	179.894	5135.406	179.894	5135.406
8/12/09	10:30:51	123.667	4.936	11.755	179.731	5135.569	179.731	5135.569
8/12/09	10:31:01	123.833	5.005	11.752	179.573	5135.727	179.573	5135.727
8/12/09	10:31:11	124	5.075	11.759	179.410	5135.890	179.410	5135.890
8/12/09	10:31:21	124.167	5.145	11.753	179.249	5136.051	179.249	5136.051
8/12/09	10:31:31	124.333	5.217	11.751	179.084	5136.216	179.084	5136.216
8/12/09	10:31:41	124.5	5.297	11.754	178.898	5136.402	178.898	5136.402
8/12/09	10:31:51	124.667	5.355	11.753	178.765	5136.535	178.765	5136.535
8/12/09	10:32:01	124.833	5.421	11.764	178.611	5136.689	178.611	5136.689
8/12/09	10:32:11	125	5.491	11.753	178.449	5136.851	178.449	5136.851
8/12/09	10:32:21	125.167	5.560	11.754	178.292	5137.008	178.292	5137.008
8/12/09	10:32:31	125.333	5.628	11.754	178.135	5137.165	178.135	5137.165
8/12/09	10:32:41	125.5	5.698	11.752	177.973	5137.327	177.973	5137.327
8/12/09	10:32:51	125.667	5.763	11.750	177.823	5137.477	177.823	5137.477
8/12/09	10:33:01	125.833	5.828	11.747	177.671	5137.629	177.671	5137.629
8/12/09	10:33:11	126	5.900	11.744	177.506	5137.794	177.506	5137.794
8/12/09	10:33:21	126.167	5.966	11.744	177.354	5137.946	177.354	5137.946
8/12/09	10:33:31	126.333	6.032	11.743	177.201	5138.099	177.201	5138.099
8/12/09	10:33:41	126.5	6.099	11.739	177.046	5138.254	177.046	5138.254

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:33:51	126.667	6.165	11.736	176.893	5138.407	176.893	5138.407
8/12/09	10:34:01	126.833	6.230	11.735	176.745	5138.555	176.745	5138.555
8/12/09	10:34:11	127	6.298	11.731	176.586	5138.714	176.586	5138.714
8/12/09	10:34:21	127.167	6.364	11.731	176.435	5138.865	176.435	5138.865
8/12/09	10:34:31	127.333	6.428	11.725	176.287	5139.013	176.287	5139.013
8/12/09	10:34:41	127.5	6.492	11.726	176.139	5139.161	176.139	5139.161
8/12/09	10:34:51	127.667	6.558	11.726	175.986	5139.314	175.986	5139.314
8/12/09	10:35:01	127.833	6.624	11.721	175.834	5139.466	175.834	5139.466
8/12/09	10:35:11	128	6.687	11.720	175.688	5139.612	175.688	5139.612
8/12/09	10:35:21	128.167	6.752	11.719	175.539	5139.761	175.539	5139.761
8/12/09	10:35:31	128.333	6.814	11.720	175.394	5139.906	175.394	5139.906
8/12/09	10:35:41	128.5	6.881	11.718	175.242	5140.058	175.242	5140.058
8/12/09	10:35:51	128.667	6.944	11.714	175.095	5140.205	175.095	5140.205
8/12/09	10:36:01	128.833	7.008	11.715	174.948	5140.352	174.948	5140.352
8/12/09	10:36:11	129	7.071	11.711	174.802	5140.498	174.802	5140.498
8/12/09	10:36:21	129.167	7.135	11.711	174.655	5140.645	174.655	5140.645
8/12/09	10:36:31	129.333	7.194	11.710	174.517	5140.783	174.517	5140.783
8/12/09	10:36:41	129.5	7.258	11.709	174.370	5140.930	174.370	5140.930
8/12/09	10:36:51	129.667	7.321	11.704	174.226	5141.074	174.226	5141.074
8/12/09	10:37:01	129.833	7.383	11.702	174.081	5141.219	174.081	5141.219
8/12/09	10:37:11	130	7.446	11.702	173.937	5141.363	173.937	5141.363
8/12/09	10:37:21	130.167	7.508	11.700	173.793	5141.507	173.793	5141.507
8/12/09	10:37:31	130.333	7.567	11.698	173.656	5141.644	173.656	5141.644
8/12/09	10:37:41	130.5	7.629	11.695	173.513	5141.787	173.513	5141.787
8/12/09	10:37:51	130.667	7.694	11.691	173.365	5141.935	173.365	5141.935
8/12/09	10:38:01	130.833	7.753	11.689	173.227	5142.073	173.227	5142.073
8/12/09	10:38:11	131	7.813	11.690	173.088	5142.212	173.088	5142.212
8/12/09	10:38:21	131.167	7.876	11.685	172.943	5142.357	172.943	5142.357
8/12/09	10:38:31	131.333	7.936	11.681	172.805	5142.495	172.805	5142.495
8/12/09	10:38:41	131.5	7.997	11.679	172.665	5142.635	172.665	5142.635
8/12/09	10:38:51	131.667	8.055	11.677	172.529	5142.771	172.529	5142.771
8/12/09	10:39:01	131.833	8.116	11.676	172.389	5142.911	172.389	5142.911
8/12/09	10:39:11	132	8.175	11.673	172.252	5143.048	172.252	5143.048
8/12/09	10:39:21	132.167	8.235	11.669	172.115	5143.185	172.115	5143.185
8/12/09	10:39:31	132.333	8.293	11.670	171.979	5143.321	171.979	5143.321
8/12/09	10:39:41	132.5	8.352	11.670	171.844	5143.456	171.844	5143.456
8/12/09	10:39:51	132.667	8.409	11.666	171.714	5143.586	171.714	5143.586
8/12/09	10:40:01	132.833	8.469	11.666	171.574	5143.726	171.574	5143.726
8/12/09	10:40:11	133	8.527	11.665	171.440	5143.860	171.440	5143.860
8/12/09	10:40:21	133.167	8.584	11.665	171.308	5143.992	171.308	5143.992
8/12/09	10:40:31	133.333	8.641	11.665	171.177	5144.123	171.177	5144.123
8/12/09	10:40:41	133.5	8.699	11.665	171.042	5144.258	171.042	5144.258
8/12/09	10:40:51	133.667	8.758	11.663	170.908	5144.392	170.908	5144.392
8/12/09	10:41:01	133.833	8.812	11.661	170.781	5144.519	170.781	5144.519
8/12/09	10:41:11	134	8.870	11.661	170.648	5144.652	170.648	5144.652
8/12/09	10:41:21	134.167	8.929	11.661	170.512	5144.788	170.512	5144.788
8/12/09	10:41:31	134.333	8.985	11.659	170.383	5144.917	170.383	5144.917
8/12/09	10:41:41	134.5	9.042	11.658	170.252	5145.048	170.252	5145.048
8/12/09	10:41:51	134.667	9.098	11.656	170.121	5145.179	170.121	5145.179
8/12/09	10:42:01	134.833	9.155	11.657	169.989	5145.311	169.989	5145.311
8/12/09	10:42:11	135	9.213	11.658	169.856	5145.444	169.856	5145.444
8/12/09	10:42:21	135.167	9.269	11.660	169.727	5145.573	169.727	5145.573
8/12/09	10:42:31	135.333	9.322	11.664	169.605	5145.695	169.605	5145.695
8/12/09	10:42:41	135.5	9.379	11.661	169.472	5145.828	169.472	5145.828
8/12/09	10:42:51	135.667	9.434	11.663	169.346	5145.954	169.346	5145.954
8/12/09	10:43:01	135.833	9.490	11.662	169.218	5146.082	169.218	5146.082

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:43:11	136	9.544	11.660	169.092	5146.208	169.092	5146.208
8/12/09	10:43:21	136.167	9.596	11.664	168.972	5146.328	168.972	5146.328
8/12/09	10:43:31	136.333	9.653	11.663	168.840	5146.460	168.840	5146.460
8/12/09	10:43:41	136.5	9.705	11.666	168.720	5146.580	168.720	5146.580
8/12/09	10:43:51	136.667	9.760	11.670	168.593	5146.707	168.593	5146.707
8/12/09	10:44:01	136.833	9.815	11.671	168.466	5146.834	168.466	5146.834
8/12/09	10:44:11	137	9.869	11.673	168.341	5146.959	168.341	5146.959
8/12/09	10:44:21	137.167	9.923	11.677	168.217	5147.083	168.217	5147.083
8/12/09	10:44:31	137.333	9.977	11.678	168.093	5147.207	168.093	5147.207
8/12/09	10:44:41	137.5	10.029	11.682	167.972	5147.328	167.972	5147.328
8/12/09	10:44:51	137.667	10.083	11.684	167.848	5147.452	167.848	5147.452
8/12/09	10:45:01	137.833	10.135	11.688	167.728	5147.572	167.728	5147.572
8/12/09	10:45:11	138	10.188	11.690	167.606	5147.694	167.606	5147.694
8/12/09	10:45:21	138.167	10.239	11.694	167.487	5147.813	167.487	5147.813
8/12/09	10:45:31	138.333	10.291	11.697	167.367	5147.933	167.367	5147.933
8/12/09	10:45:41	138.5	10.344	11.699	167.244	5148.056	167.244	5148.056
8/12/09	10:45:51	138.667	10.396	11.701	167.125	5148.175	167.125	5148.175
8/12/09	10:46:01	138.833	10.448	11.705	167.005	5148.295	167.005	5148.295
8/12/09	10:46:11	139	10.500	11.707	166.885	5148.415	166.885	5148.415
8/12/09	10:46:21	139.167	10.552	11.711	166.765	5148.535	166.765	5148.535
8/12/09	10:46:31	139.333	10.603	11.712	166.647	5148.653	166.647	5148.653
8/12/09	10:46:41	139.5	10.655	11.720	166.526	5148.774	166.526	5148.774
8/12/09	10:46:51	139.667	10.709	11.720	166.402	5148.898	166.402	5148.898
8/12/09	10:47:01	139.833	10.758	11.726	166.288	5149.012	166.288	5149.012
8/12/09	10:47:11	140	10.807	11.731	166.175	5149.125	166.175	5149.125
8/12/09	10:47:21	140.167	10.860	11.735	166.053	5149.247	166.053	5149.247
8/12/09	10:47:31	140.333	10.911	11.735	165.935	5149.365	165.935	5149.365
8/12/09	10:47:41	140.5	10.958	11.744	165.827	5149.473	165.827	5149.473
8/12/09	10:47:51	140.667	11.010	11.745	165.707	5149.593	165.707	5149.593
8/12/09	10:48:01	140.833	11.059	11.750	165.593	5149.707	165.593	5149.707
8/12/09	10:48:11	141	11.109	11.753	165.479	5149.821	165.479	5149.821
8/12/09	10:48:21	141.167	11.158	11.756	165.366	5149.934	165.366	5149.934
8/12/09	10:48:31	141.333	11.208	11.759	165.249	5150.051	165.249	5150.051
8/12/09	10:48:41	141.5	11.256	11.762	165.138	5150.162	165.138	5150.162
8/12/09	10:48:51	141.667	11.308	11.768	165.019	5150.281	165.019	5150.281
8/12/09	10:49:01	141.833	11.357	11.772	164.907	5150.393	164.907	5150.393
8/12/09	10:49:11	142	11.402	11.780	164.801	5150.499	164.801	5150.499
8/12/09	10:49:21	142.167	11.451	11.783	164.690	5150.610	164.690	5150.610
8/12/09	10:49:31	142.333	11.499	11.786	164.577	5150.723	164.577	5150.723
8/12/09	10:49:41	142.5	11.548	11.788	164.464	5150.836	164.464	5150.836
8/12/09	10:49:51	142.667	11.596	11.793	164.355	5150.945	164.355	5150.945
8/12/09	10:50:01	142.833	11.644	11.798	164.242	5151.058	164.242	5151.058
8/12/09	10:50:11	143	11.693	11.803	164.131	5151.169	164.131	5151.169
8/12/09	10:50:21	143.167	11.739	11.807	164.023	5151.277	164.023	5151.277
8/12/09	10:50:31	143.333	11.789	11.813	163.908	5151.392	163.908	5151.392
8/12/09	10:50:41	143.5	11.834	11.814	163.804	5151.496	163.804	5151.496
8/12/09	10:50:51	143.667	11.881	11.820	163.696	5151.604	163.696	5151.604
8/12/09	10:51:01	143.833	11.926	11.821	163.592	5151.708	163.592	5151.708
8/12/09	10:51:11	144	11.975	11.823	163.479	5151.821	163.479	5151.821
8/12/09	10:51:21	144.167	12.023	11.828	163.368	5151.932	163.368	5151.932
8/12/09	10:51:31	144.333	12.067	11.830	163.265	5152.035	163.265	5152.035
8/12/09	10:51:41	144.5	12.115	11.833	163.155	5152.145	163.155	5152.145
8/12/09	10:51:51	144.667	12.163	11.837	163.046	5152.254	163.046	5152.254
8/12/09	10:52:01	144.833	12.208	11.840	162.940	5152.360	162.940	5152.360
8/12/09	10:52:11	145	12.254	11.842	162.834	5152.466	162.834	5152.466
8/12/09	10:52:21	145.167	12.301	11.844	162.726	5152.574	162.726	5152.574

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	10:52:31	145.333	12.346	11.844	162.622	5152.678	162.622	5152.678
8/12/09	10:52:41	145.5	12.392	11.843	162.515	5152.785	162.515	5152.785
8/12/09	10:52:51	145.667	12.439	11.847	162.408	5152.892	162.408	5152.892
8/12/09	10:53:01	145.833	12.482	11.845	162.308	5152.992	162.308	5152.992
8/12/09	10:53:11	146	12.528	11.845	162.202	5153.098	162.202	5153.098
8/12/09	10:53:21	146.167	12.572	11.845	162.101	5153.199	162.101	5153.199
8/12/09	10:53:31	146.333	12.615	11.846	162.000	5153.300	162.000	5153.300
8/12/09	10:53:41	146.5	12.659	11.846	161.899	5153.401	161.899	5153.401
8/12/09	10:53:51	146.667	12.706	11.847	161.792	5153.508	161.792	5153.508
8/12/09	10:54:01	146.833	12.749	11.844	161.692	5153.608	161.692	5153.608
8/12/09	10:54:11	147	12.795	11.848	161.587	5153.713	161.587	5153.713
8/12/09	10:54:21	147.167	12.838	11.848	161.487	5153.813	161.487	5153.813
8/12/09	10:54:31	147.333	12.882	11.848	161.384	5153.916	161.384	5153.916
8/12/09	10:54:41	147.5	12.928	11.847	161.280	5154.020	161.280	5154.020
8/12/09	10:54:51	147.667	12.968	11.845	161.187	5154.113	161.187	5154.113
8/12/09	10:55:01	147.833	13.013	11.847	161.081	5154.219	161.081	5154.219
8/12/09	10:55:11	148	13.057	11.844	160.981	5154.319	160.981	5154.319
8/12/09	10:55:21	148.167	13.101	11.844	160.880	5154.420	160.880	5154.420
8/12/09	10:55:31	148.333	13.143	11.844	160.782	5154.518	160.782	5154.518
8/12/09	10:55:41	148.5	13.185	11.842	160.684	5154.616	160.684	5154.616
8/12/09	10:55:51	148.667	13.229	11.840	160.584	5154.716	160.584	5154.716
8/12/09	10:56:01	148.833	13.274	11.838	160.480	5154.820	160.480	5154.820
8/12/09	10:56:11	149	13.316	11.837	160.383	5154.917	160.383	5154.917
8/12/09	10:56:21	149.167	13.357	11.833	160.289	5155.011	160.289	5155.011
8/12/09	10:56:31	149.333	13.399	11.829	160.191	5155.109	160.191	5155.109
8/12/09	10:56:41	149.5	13.442	11.828	160.091	5155.209	160.091	5155.209
8/12/09	10:56:51	149.667	13.479	11.825	160.007	5155.293	160.007	5155.293
8/12/09	10:57:01	149.833	13.521	11.825	159.910	5155.390	159.910	5155.390
8/12/09	10:57:11	150	13.563	11.821	159.812	5155.488	159.812	5155.488
8/12/09	10:57:21	150.167	13.601	11.821	159.726	5155.574	159.726	5155.574
8/12/09	10:57:31	150.333	13.647	11.817	159.618	5155.682	159.618	5155.682
8/12/09	10:57:41	150.5	13.685	11.810	159.529	5155.771	159.529	5155.771
8/12/09	10:57:51	150.667	13.728	11.809	159.431	5155.869	159.431	5155.869
8/12/09	10:58:01	150.833	13.769	11.802	159.336	5155.964	159.336	5155.964
8/12/09	10:58:11	151	13.809	11.799	159.244	5156.056	159.244	5156.056
8/12/09	10:58:21	151.167	13.851	11.792	159.147	5156.153	159.147	5156.153
8/12/09	10:58:31	151.333	13.891	11.787	159.055	5156.245	159.055	5156.245
8/12/09	10:58:41	151.5	13.932	11.783	158.960	5156.340	158.960	5156.340
8/12/09	10:58:51	151.667	13.975	11.778	158.861	5156.439	158.861	5156.439
8/12/09	10:59:01	151.833	14.015	11.773	158.768	5156.532	158.768	5156.532
8/12/09	10:59:11	152	14.055	11.768	158.676	5156.624	158.676	5156.624
8/12/09	10:59:21	152.167	14.097	11.765	158.579	5156.721	158.579	5156.721
8/12/09	10:59:31	152.333	14.137	11.756	158.487	5156.813	158.487	5156.813
8/12/09	10:59:41	152.5	14.174	11.748	158.402	5156.898	158.402	5156.898
8/12/09	10:59:51	152.667	14.215	11.742	158.307	5156.993	158.307	5156.993
8/12/09	11:00:01	152.833	14.254	11.735	158.217	5157.083	158.217	5157.083
8/12/09	11:00:11	153	14.295	11.726	158.122	5157.178	158.122	5157.178
8/12/09	11:00:21	153.167	14.332	11.722	158.037	5157.263	158.037	5157.263
8/12/09	11:00:31	153.333	14.373	11.710	157.942	5157.358	157.942	5157.358
8/12/09	11:00:41	153.5	14.412	11.704	157.853	5157.447	157.853	5157.447
8/12/09	11:00:51	153.667	14.452	11.694	157.759	5157.541	157.759	5157.541
8/12/09	11:01:01	153.833	14.490	11.685	157.671	5157.629	157.671	5157.629
8/12/09	11:01:11	154	14.529	11.678	157.583	5157.717	157.583	5157.717
8/12/09	11:01:21	154.167	14.569	11.667	157.488	5157.812	157.488	5157.812
8/12/09	11:01:31	154.333	14.605	11.664	157.407	5157.893	157.407	5157.893
8/12/09	11:01:41	154.5	14.647	11.654	157.309	5157.991	157.309	5157.991

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#			TOC Elev	Corrected DTW	Corrected Elev
			138097 PSI	138097 Temp - C	138097 DTW (ft btoc)	5315.300 GW Elevation		
8/12/09	11:01:51	154.667	14.685	11.644	157.221	5158.079	157.221	5158.079
8/12/09	11:02:01	154.833	14.720	11.632	157.141	5158.159	157.141	5158.159
8/12/09	11:02:11	155	14.757	11.623	157.056	5158.244	157.056	5158.244
8/12/09	11:02:21	155.167	14.795	11.620	156.968	5158.332	156.968	5158.332
8/12/09	11:02:31	155.333	14.835	11.608	156.875	5158.425	156.875	5158.425
8/12/09	11:02:41	155.5	14.873	11.601	156.787	5158.513	156.787	5158.513
8/12/09	11:02:51	155.667	14.911	11.592	156.699	5158.601	156.699	5158.601
8/12/09	11:03:01	155.833	14.948	11.582	156.615	5158.685	156.615	5158.685
8/12/09	11:03:11	156	14.986	11.569	156.527	5158.773	156.527	5158.773
8/12/09	11:03:21	156.167	15.022	11.563	156.444	5158.856	156.444	5158.856
8/12/09	11:03:31	156.333	15.060	11.551	156.356	5158.944	156.356	5158.944
8/12/09	11:03:41	156.5	15.097	11.539	156.270	5159.030	156.270	5159.030
8/12/09	11:03:51	156.667	15.133	11.536	156.187	5159.113	156.187	5159.113
8/12/09	11:04:01	156.833	15.168	11.527	156.107	5159.193	156.107	5159.193
8/12/09	11:04:11	157	15.209	11.521	156.012	5159.288	156.012	5159.288
8/12/09	11:04:21	157.167	15.240	11.518	155.940	5159.360	155.940	5159.360
8/12/09	11:04:31	157.333	15.280	11.510	155.848	5159.452	155.848	5159.452
8/12/09	11:04:41	157.5	15.318	11.506	155.760	5159.540	155.760	5159.540
8/12/09	11:04:51	157.667	15.351	11.501	155.683	5159.617	155.683	5159.617
8/12/09	11:05:01	157.833	15.387	11.492	155.600	5159.700	155.600	5159.700
8/12/09	11:05:11	158	15.424	11.485	155.516	5159.784	155.516	5159.784
8/12/09	11:05:21	158.167	15.460	11.479	155.432	5159.868	155.432	5159.868
8/12/09	11:05:31	158.333	15.496	11.469	155.350	5159.950	155.350	5159.950
8/12/09	11:05:41	158.5	15.531	11.461	155.268	5160.032	155.268	5160.032
8/12/09	11:05:51	158.667	15.567	11.454	155.185	5160.115	155.185	5160.115
8/12/09	11:06:01	158.833	15.603	11.450	155.103	5160.197	155.103	5160.197
8/12/09	11:06:11	159	15.638	11.438	155.020	5160.280	155.020	5160.280
8/12/09	11:06:21	159.167	15.674	11.435	154.938	5160.362	154.938	5160.362
8/12/09	11:06:31	159.333	15.709	11.427	154.856	5160.444	154.856	5160.444
8/12/09	11:06:41	159.5	15.743	11.420	154.778	5160.522	154.778	5160.522
8/12/09	11:06:51	159.667	15.779	11.415	154.695	5160.605	154.695	5160.605
8/12/09	11:07:01	159.833	15.815	11.414	154.613	5160.687	154.613	5160.687
8/12/09	11:07:11	160	15.848	11.409	154.537	5160.763	154.537	5160.763
8/12/09	11:07:21	160.167	15.884	11.400	154.454	5160.846	154.454	5160.846
8/12/09	11:07:31	160.333	15.918	11.398	154.375	5160.925	154.375	5160.925
8/12/09	11:07:41	160.5	15.952	11.391	154.296	5161.004	154.296	5161.004
8/12/09	11:07:51	160.667	15.983	11.387	154.225	5161.075	154.225	5161.075
8/12/09	11:08:01	160.833	16.020	11.383	154.140	5161.160	154.140	5161.160
8/12/09	11:08:11	161	16.053	11.375	154.064	5161.236	154.064	5161.236
8/12/09	11:08:21	161.167	16.086	11.374	153.987	5161.313	153.987	5161.313
8/12/09	11:08:31	161.333	16.120	11.368	153.909	5161.391	153.909	5161.391
8/12/09	11:08:41	161.5	16.156	11.360	153.825	5161.475	153.825	5161.475
8/12/09	11:08:51	161.667	16.189	11.353	153.749	5161.551	153.749	5161.551
8/12/09	11:09:01	161.833	16.222	11.343	153.674	5161.626	153.674	5161.626
8/12/09	11:09:11	162	16.258	11.334	153.590	5161.710	153.590	5161.710
8/12/09	11:09:21	162.167	16.287	11.325	153.523	5161.777	153.523	5161.777
8/12/09	11:09:31	162.333	16.325	11.316	153.436	5161.864	153.436	5161.864
8/12/09	11:09:41	162.5	16.353	11.309	153.369	5161.931	153.369	5161.931
8/12/09	11:09:51	162.667	16.389	11.302	153.288	5162.012	153.288	5162.012
8/12/09	11:10:01	162.833	16.423	11.299	153.209	5162.091	153.209	5162.091
8/12/09	11:10:11	163	16.456	11.293	153.131	5162.169	153.131	5162.169
8/12/09	11:10:21	163.167	16.488	11.291	153.059	5162.241	153.059	5162.241
8/12/09	11:10:31	163.333	16.521	11.282	152.983	5162.317	152.983	5162.317
8/12/09	11:10:41	163.5	16.551	11.277	152.913	5162.387	152.913	5162.387
8/12/09	11:10:51	163.667	16.583	11.271	152.839	5162.461	152.839	5162.461
8/12/09	11:11:01	163.833	16.615	11.264	152.765	5162.535	152.765	5162.535



**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	11:11:11	164	16.647	11.254	152.691	5162.609	152.691	5162.609
8/12/09	11:11:21	164.167	16.680	11.249	152.615	5162.685	152.615	5162.685
8/12/09	11:11:31	164.333	16.712	11.239	152.542	5162.758	152.542	5162.758
8/12/09	11:11:41	164.5	16.743	11.234	152.469	5162.831	152.469	5162.831
8/12/09	11:11:51	164.667	16.777	11.227	152.391	5162.909	152.391	5162.909
8/12/09	11:12:01	164.833	16.808	11.221	152.320	5162.980	152.320	5162.980
8/12/09	11:12:11	165	16.840	11.214	152.246	5163.054	152.246	5163.054
8/12/09	11:12:21	165.167	16.872	11.205	152.172	5163.128	152.172	5163.128
8/12/09	11:12:31	165.333	16.903	11.203	152.099	5163.201	152.099	5163.201
8/12/09	11:12:41	165.5	16.934	11.199	152.029	5163.271	152.029	5163.271
8/12/09	11:12:51	165.667	16.967	11.195	151.953	5163.347	151.953	5163.347
8/12/09	11:13:01	165.833	16.998	11.187	151.882	5163.418	151.882	5163.418
8/12/09	11:13:11	166	17.026	11.179	151.817	5163.483	151.817	5163.483
8/12/09	11:13:21	166.167	17.056	11.177	151.748	5163.552	151.748	5163.552
8/12/09	11:13:31	166.333	17.086	11.172	151.677	5163.623	151.677	5163.623
8/12/09	11:13:41	166.5	17.119	11.165	151.602	5163.698	151.602	5163.698
8/12/09	11:13:51	166.667	17.148	11.155	151.534	5163.766	151.534	5163.766
8/12/09	11:14:01	166.833	17.180	11.148	151.461	5163.839	151.461	5163.839
8/12/09	11:14:11	167	17.210	11.144	151.392	5163.908	151.392	5163.908
8/12/09	11:14:21	167.167	17.240	11.140	151.323	5163.977	151.323	5163.977
8/12/09	11:14:31	167.333	17.270	11.132	151.254	5164.046	151.254	5164.046
8/12/09	11:14:41	167.5	17.301	11.126	151.181	5164.119	151.181	5164.119
8/12/09	11:14:51	167.667	17.331	11.123	151.112	5164.188	151.112	5164.188
8/12/09	11:15:01	167.833	17.361	11.116	151.044	5164.256	151.044	5164.256
8/12/09	11:15:11	168	17.392	11.113	150.972	5164.328	150.972	5164.328
8/12/09	11:15:21	168.167	17.420	11.109	150.907	5164.393	150.907	5164.393
8/12/09	11:15:31	168.333	17.450	11.107	150.838	5164.462	150.838	5164.462
8/12/09	11:15:41	168.5	17.480	11.105	150.768	5164.532	150.768	5164.532
8/12/09	11:15:51	168.667	17.511	11.102	150.697	5164.603	150.697	5164.603
8/12/09	11:16:01	168.833	17.539	11.097	150.631	5164.669	150.631	5164.669
8/12/09	11:16:11	169	17.570	11.096	150.560	5164.740	150.560	5164.740
8/12/09	11:16:21	169.167	17.599	11.091	150.494	5164.806	150.494	5164.806
8/12/09	11:16:31	169.333	17.626	11.085	150.431	5164.869	150.431	5164.869
8/12/09	11:16:41	169.5	17.657	11.085	150.358	5164.942	150.358	5164.942
8/12/09	11:16:51	169.667	17.689	11.078	150.286	5165.014	150.286	5165.014
8/12/09	11:17:01	169.833	17.713	11.070	150.230	5165.070	150.230	5165.070
8/12/09	11:17:11	170	17.742	11.066	150.162	5165.138	150.162	5165.138
8/12/09	11:17:21	170.167	17.771	11.057	150.096	5165.204	150.096	5165.204
8/12/09	11:17:31	170.333	17.801	11.053	150.027	5165.273	150.027	5165.273
8/12/09	11:17:41	170.5	17.830	11.043	149.960	5165.340	149.960	5165.340
8/12/09	11:17:51	170.667	17.860	11.035	149.891	5165.409	149.891	5165.409
8/12/09	11:18:01	170.833	17.888	11.026	149.825	5165.475	149.825	5165.475
8/12/09	11:18:11	171	17.916	11.020	149.762	5165.538	149.762	5165.538
8/12/09	11:18:21	171.167	17.946	11.011	149.693	5165.607	149.693	5165.607
8/12/09	11:18:31	171.333	17.970	11.007	149.637	5165.663	149.637	5165.663
8/12/09	11:18:41	171.5	17.998	11.002	149.572	5165.728	149.572	5165.728
8/12/09	11:18:51	171.667	18.026	10.995	149.508	5165.792	149.508	5165.792
8/12/09	11:19:01	171.833	18.054	10.989	149.442	5165.858	149.442	5165.858
8/12/09	11:19:11	172	18.084	10.986	149.374	5165.926	149.374	5165.926
8/12/09	11:19:21	172.167	18.112	10.979	149.308	5165.992	149.308	5165.992
8/12/09	11:19:31	172.333	18.139	10.968	149.246	5166.054	149.246	5166.054
8/12/09	11:19:41	172.5	18.168	10.963	149.180	5166.120	149.180	5166.120
8/12/09	11:19:51	172.667	18.195	10.959	149.117	5166.183	149.117	5166.183
8/12/09	11:20:01	172.833	18.222	10.955	149.054	5166.246	149.054	5166.246
8/12/09	11:20:11	173	18.250	10.948	148.991	5166.309	148.991	5166.309
8/12/09	11:20:21	173.167	18.278	10.941	148.925	5166.375	148.925	5166.375

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	11:20:31	173.333	18.306	10.935	148.861	5166.439	148.861	5166.439
8/12/09	11:20:41	173.5	18.333	10.933	148.799	5166.501	148.799	5166.501
8/12/09	11:20:51	173.667	18.360	10.925	148.737	5166.563	148.737	5166.563
8/12/09	11:21:01	173.833	18.387	10.922	148.674	5166.626	148.674	5166.626
8/12/09	11:21:11	174	18.411	10.919	148.618	5166.682	148.618	5166.682
8/12/09	11:21:21	174.167	18.440	10.919	148.551	5166.749	148.551	5166.749
8/12/09	11:21:31	174.333	18.467	10.911	148.489	5166.811	148.489	5166.811
8/12/09	11:21:41	174.5	18.491	10.906	148.434	5166.866	148.434	5166.866
8/12/09	11:21:51	174.667	18.518	10.905	148.370	5166.930	148.370	5166.930
8/12/09	11:22:01	174.833	18.543	10.904	148.313	5166.987	148.313	5166.987
8/12/09	11:22:11	175	18.571	10.902	148.248	5167.052	148.248	5167.052
8/12/09	11:22:21	175.167	18.597	10.901	148.189	5167.111	148.189	5167.111
8/12/09	11:22:31	175.333	18.624	10.898	148.126	5167.174	148.126	5167.174
8/12/09	11:22:41	175.5	18.648	10.897	148.070	5167.230	148.070	5167.230
8/12/09	11:22:51	175.667	18.674	10.897	148.011	5167.289	148.011	5167.289
8/12/09	11:23:01	175.833	18.702	10.894	147.947	5167.353	147.947	5167.353
8/12/09	11:23:11	176	18.727	10.893	147.889	5167.411	147.889	5167.411
8/12/09	11:23:21	176.167	18.755	10.892	147.824	5167.476	147.824	5167.476
8/12/09	11:23:31	176.333	18.779	10.889	147.769	5167.531	147.769	5167.531
8/12/09	11:23:41	176.5	18.806	10.889	147.707	5167.593	147.707	5167.593
8/12/09	11:23:51	176.667	18.831	10.888	147.648	5167.652	147.648	5167.652
8/12/09	11:24:01	176.833	18.858	10.887	147.587	5167.713	147.587	5167.713
8/12/09	11:24:11	177	18.883	10.881	147.528	5167.772	147.528	5167.772
8/12/09	11:24:21	177.167	18.908	10.882	147.471	5167.829	147.471	5167.829
8/12/09	11:24:31	177.333	18.929	10.880	147.421	5167.879	147.421	5167.879
8/12/09	11:24:41	177.5	18.959	10.881	147.353	5167.947	147.353	5167.947
8/12/09	11:24:51	177.667	18.984	10.880	147.296	5168.004	147.296	5168.004
8/12/09	11:25:01	177.833	19.008	10.882	147.239	5168.061	147.239	5168.061
8/12/09	11:25:11	178	19.035	10.877	147.178	5168.122	147.178	5168.122
8/12/09	11:25:21	178.167	19.057	10.873	147.127	5168.173	147.127	5168.173
8/12/09	11:25:31	178.333	19.084	10.872	147.066	5168.234	147.066	5168.234
8/12/09	11:25:41	178.5	19.107	10.872	147.012	5168.288	147.012	5168.288
8/12/09	11:25:51	178.667	19.132	10.869	146.953	5168.347	146.953	5168.347
8/12/09	11:26:01	178.833	19.157	10.867	146.895	5168.405	146.895	5168.405
8/12/09	11:26:11	179	19.180	10.866	146.842	5168.458	146.842	5168.458
8/12/09	11:26:21	179.167	19.203	10.866	146.789	5168.511	146.789	5168.511
8/12/09	11:26:31	179.333	19.226	10.864	146.736	5168.564	146.736	5168.564
8/12/09	11:26:41	179.5	19.250	10.862	146.680	5168.620	146.680	5168.620
8/12/09	11:26:51	179.667	19.280	10.861	146.613	5168.687	146.613	5168.687
8/12/09	11:27:01	179.833	19.304	10.863	146.558	5168.742	146.558	5168.742
8/12/09	11:27:11	180	19.324	10.860	146.509	5168.791	146.509	5168.791
8/12/09	11:27:21	180.167	19.349	10.857	146.453	5168.847	146.453	5168.847
8/12/09	11:27:31	180.333	19.373	10.858	146.397	5168.903	146.397	5168.903
8/12/09	11:27:41	180.5	19.396	10.856	146.345	5168.955	146.345	5168.955
8/12/09	11:27:51	180.667	19.420	10.854	146.289	5169.011	146.289	5169.011
8/12/09	11:28:01	180.833	19.447	10.851	146.226	5169.074	146.226	5169.074
8/12/09	11:28:11	181	19.471	10.852	146.170	5169.130	146.170	5169.130
8/12/09	11:28:21	181.167	19.494	10.852	146.118	5169.182	146.118	5169.182
8/12/09	11:28:31	181.333	19.514	10.850	146.072	5169.228	146.072	5169.228
8/12/09	11:28:41	181.5	19.539	10.850	146.013	5169.287	146.013	5169.287
8/12/09	11:28:51	181.667	19.562	10.847	145.961	5169.339	145.961	5169.339
8/12/09	11:29:01	181.833	19.585	10.849	145.907	5169.393	145.907	5169.393
8/12/09	11:29:11	182	19.607	10.848	145.856	5169.444	145.856	5169.444
8/12/09	11:29:21	182.167	19.630	10.847	145.803	5169.497	145.803	5169.497
8/12/09	11:29:31	182.333	19.653	10.846	145.750	5169.550	145.750	5169.550
8/12/09	11:29:41	182.5	19.678	10.843	145.693	5169.607	145.693	5169.607

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	11:29:51	182.667	19.699	10.844	145.644	5169.656	145.644	5169.656
8/12/09	11:30:01	182.833	19.725	10.844	145.585	5169.715	145.585	5169.715
8/12/09	11:30:11	183	19.747	10.843	145.534	5169.766	145.534	5169.766
8/12/09	11:30:21	183.167	19.771	10.841	145.477	5169.823	145.477	5169.823
8/12/09	11:30:31	183.333	19.792	10.843	145.430	5169.870	145.430	5169.870
8/12/09	11:30:41	183.5	19.817	10.839	145.372	5169.928	145.372	5169.928
8/12/09	11:30:51	183.667	19.839	10.841	145.322	5169.978	145.322	5169.978
8/12/09	11:31:01	183.833	19.861	10.839	145.270	5170.030	145.270	5170.030
8/12/09	11:31:11	184	19.883	10.838	145.219	5170.081	145.219	5170.081
8/12/09	11:31:21	184.167	19.906	10.837	145.166	5170.134	145.166	5170.134
8/12/09	11:31:31	184.333	19.926	10.837	145.119	5170.181	145.119	5170.181
8/12/09	11:31:41	184.5	19.950	10.839	145.064	5170.236	145.064	5170.236
8/12/09	11:31:51	184.667	19.972	10.836	145.013	5170.287	145.013	5170.287
8/12/09	11:32:01	184.833	19.994	10.836	144.963	5170.337	144.963	5170.337
8/12/09	11:32:11	185	20.018	10.838	144.909	5170.391	144.909	5170.391
8/12/09	11:32:21	185.167	20.040	10.834	144.857	5170.443	144.857	5170.443
8/12/09	11:32:31	185.333	20.060	10.837	144.811	5170.489	144.811	5170.489
8/12/09	11:32:41	185.5	20.082	10.839	144.759	5170.541	144.759	5170.541
8/12/09	11:32:51	185.667	20.105	10.838	144.707	5170.593	144.707	5170.593
8/12/09	11:33:01	185.833	20.125	10.836	144.661	5170.639	144.661	5170.639
8/12/09	11:33:11	186	20.148	10.837	144.607	5170.693	144.607	5170.693
8/12/09	11:33:21	186.167	20.169	10.837	144.559	5170.741	144.559	5170.741
8/12/09	11:33:31	186.333	20.190	10.838	144.510	5170.790	144.510	5170.790
8/12/09	11:33:41	186.5	20.211	10.836	144.461	5170.839	144.461	5170.839
8/12/09	11:33:51	186.667	20.234	10.837	144.410	5170.890	144.410	5170.890
8/12/09	11:34:01	186.833	20.256	10.837	144.358	5170.942	144.358	5170.942
8/12/09	11:34:11	187	20.277	10.836	144.310	5170.990	144.310	5170.990
8/12/09	11:34:21	187.167	20.297	10.836	144.263	5171.037	144.263	5171.037
8/12/09	11:34:31	187.333	20.318	10.834	144.214	5171.086	144.214	5171.086
8/12/09	11:34:41	187.5	20.341	10.832	144.163	5171.137	144.163	5171.137
8/12/09	11:34:51	187.667	20.361	10.833	144.117	5171.183	144.117	5171.183
8/12/09	11:35:01	187.833	20.381	10.833	144.069	5171.231	144.069	5171.231
8/12/09	11:35:11	188	20.404	10.832	144.018	5171.282	144.018	5171.282
8/12/09	11:35:21	188.167	20.423	10.835	143.972	5171.328	143.972	5171.328
8/12/09	11:35:31	188.333	20.444	10.833	143.924	5171.376	143.924	5171.376
8/12/09	11:35:41	188.5	20.466	10.833	143.874	5171.426	143.874	5171.426
8/12/09	11:35:51	188.667	20.486	10.834	143.827	5171.473	143.827	5171.473
8/12/09	11:36:01	188.833	20.507	10.833	143.779	5171.521	143.779	5171.521
8/12/09	11:36:11	189	20.527	10.834	143.732	5171.568	143.732	5171.568
8/12/09	11:36:21	189.167	20.548	10.831	143.685	5171.615	143.685	5171.615
8/12/09	11:36:31	189.333	20.569	10.833	143.636	5171.664	143.636	5171.664
8/12/09	11:36:41	189.5	20.588	10.833	143.591	5171.709	143.591	5171.709
8/12/09	11:36:51	189.667	20.609	10.831	143.543	5171.757	143.543	5171.757
8/12/09	11:37:01	189.833	20.629	10.831	143.497	5171.803	143.497	5171.803
8/12/09	11:37:11	190	20.649	10.831	143.450	5171.850	143.450	5171.850
8/12/09	11:37:21	190.167	20.670	10.829	143.403	5171.897	143.403	5171.897
8/12/09	11:37:31	190.333	20.691	10.829	143.355	5171.945	143.355	5171.945
8/12/09	11:37:41	190.5	20.710	10.827	143.309	5171.991	143.309	5171.991
8/12/09	11:37:51	190.667	20.728	10.831	143.269	5172.031	143.269	5172.031
8/12/09	11:38:01	190.833	20.750	10.829	143.218	5172.082	143.218	5172.082
8/12/09	11:38:11	191	20.770	10.831	143.171	5172.129	143.171	5172.129
8/12/09	11:38:21	191.167	20.789	10.829	143.128	5172.172	143.128	5172.172
8/12/09	11:38:31	191.333	20.809	10.829	143.082	5172.218	143.082	5172.218
8/12/09	11:38:41	191.5	20.829	10.828	143.035	5172.265	143.035	5172.265
8/12/09	11:38:51	191.667	20.849	10.826	142.989	5172.311	142.989	5172.311
8/12/09	11:39:01	191.833	20.864	10.825	142.955	5172.345	142.955	5172.345

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev		Corrected DTW	Corrected Elev
						5315.300 GW Elevation			
8/12/09	11:39:11	192	20.888	10.824	142.899	5172.401		142.899	5172.401
8/12/09	11:39:21	192.167	20.906	10.824	142.858	5172.442		142.858	5172.442
8/12/09	11:39:31	192.333	20.926	10.824	142.812	5172.488		142.812	5172.488
8/12/09	11:39:41	192.5	20.942	10.821	142.775	5172.525		142.775	5172.525
8/12/09	11:39:51	192.667	20.961	10.818	142.731	5172.569		142.731	5172.569
8/12/09	11:40:01	192.833	20.980	10.820	142.685	5172.615		142.685	5172.615
8/12/09	11:40:11	193	21.004	10.820	142.630	5172.670		142.630	5172.670
8/12/09	11:40:21	193.167	21.022	10.815	142.589	5172.711		142.589	5172.711
8/12/09	11:40:31	193.333	21.042	10.817	142.542	5172.758		142.542	5172.758
8/12/09	11:40:41	193.5	21.057	10.816	142.508	5172.792		142.508	5172.792
8/12/09	11:40:51	193.667	21.076	10.814	142.466	5172.834		142.466	5172.834
8/12/09	11:41:01	193.833	21.099	10.815	142.411	5172.889		142.411	5172.889
8/12/09	11:41:11	194	21.118	10.815	142.369	5172.932		142.369	5172.932
8/12/09	11:41:21	194.167	21.133	10.811	142.334	5172.966		142.334	5172.966
8/12/09	11:41:31	194.333	21.155	10.808	142.282	5173.018		142.282	5173.018
8/12/09	11:41:41	194.5	21.169	10.811	142.251	5173.049		142.251	5173.049
8/12/09	11:41:51	194.667	21.189	10.812	142.204	5173.096		142.204	5173.096
8/12/09	11:42:01	194.833	21.212	10.810	142.151	5173.149		142.151	5173.149
8/12/09	11:42:11	195	21.227	10.808	142.116	5173.184		142.116	5173.184
8/12/09	11:42:21	195.167	21.243	10.808	142.080	5173.220		142.080	5173.220
8/12/09	11:42:31	195.333	21.262	10.808	142.035	5173.265		142.035	5173.265
8/12/09	11:42:41	195.5	21.281	10.807	141.991	5173.309		141.991	5173.309
8/12/09	11:42:51	195.667	21.303	10.806	141.941	5173.359		141.941	5173.359
8/12/09	11:43:01	195.833	21.321	10.808	141.898	5173.402		141.898	5173.402
8/12/09	11:43:11	196	21.335	10.804	141.866	5173.434		141.866	5173.434
8/12/09	11:43:21	196.167	21.353	10.802	141.824	5173.476		141.824	5173.476
8/12/09	11:43:31	196.333	21.371	10.805	141.783	5173.517		141.783	5173.517
8/12/09	11:43:41	196.5	21.390	10.807	141.739	5173.561		141.739	5173.561
8/12/09	11:43:51	196.667	21.407	10.803	141.701	5173.599		141.701	5173.599
8/12/09	11:44:01	196.833	21.426	10.805	141.657	5173.643		141.657	5173.643
8/12/09	11:44:11	197	21.444	10.802	141.616	5173.684		141.616	5173.684
8/12/09	11:44:21	197.167	21.462	10.803	141.574	5173.726		141.574	5173.726
8/12/09	11:44:31	197.333	21.478	10.800	141.536	5173.764		141.536	5173.764
8/12/09	11:44:41	197.5	21.497	10.804	141.494	5173.806		141.494	5173.806
8/12/09	11:44:51	197.667	21.515	10.801	141.450	5173.850		141.450	5173.850
8/12/09	11:45:01	197.833	21.531	10.799	141.413	5173.887		141.413	5173.887
8/12/09	11:45:11	198	21.550	10.800	141.369	5173.931		141.369	5173.931
8/12/09	11:45:21	198.167	21.566	10.801	141.333	5173.967		141.333	5173.967
8/12/09	11:45:31	198.333	21.584	10.802	141.292	5174.008		141.292	5174.008
8/12/09	11:45:41	198.5	21.602	10.800	141.251	5174.049		141.251	5174.049
8/12/09	11:45:51	198.667	21.619	10.799	141.211	5174.089		141.211	5174.089
8/12/09	11:46:01	198.833	21.637	10.800	141.169	5174.131		141.169	5174.131
8/12/09	11:46:11	199	21.653	10.799	141.133	5174.167		141.133	5174.167
8/12/09	11:46:21	199.167	21.671	10.798	141.092	5174.208		141.092	5174.208
8/12/09	11:46:31	199.333	21.688	10.797	141.051	5174.249		141.051	5174.249
8/12/09	11:46:41	199.5	21.706	10.797	141.010	5174.290		141.010	5174.290
8/12/09	11:46:51	199.667	21.724	10.800	140.969	5174.331		140.969	5174.331
8/12/09	11:47:01	199.833	21.740	10.800	140.933	5174.367		140.933	5174.367
8/12/09	11:47:11	200	21.757	10.799	140.892	5174.408		140.892	5174.408
8/12/09	11:47:21	200.167	21.775	10.796	140.851	5174.449		140.851	5174.449
8/12/09	11:47:31	200.333	21.790	10.796	140.816	5174.484		140.816	5174.484
8/12/09	11:47:41	200.5	21.807	10.800	140.777	5174.523		140.777	5174.523
8/12/09	11:47:51	200.667	21.825	10.798	140.736	5174.564		140.736	5174.564
8/12/09	11:48:01	200.833	21.842	10.800	140.697	5174.603		140.697	5174.603
8/12/09	11:48:11	201	21.858	10.797	140.660	5174.640		140.660	5174.640
8/12/09	11:48:21	201.167	21.874	10.797	140.622	5174.678		140.622	5174.678

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	11:48:31	201.333	21.891	10.796	140.583	5174.717	140.583	5174.717
8/12/09	11:48:41	201.5	21.908	10.797	140.544	5174.756	140.544	5174.756
8/12/09	11:48:51	201.667	21.924	10.793	140.506	5174.794	140.506	5174.794
8/12/09	11:49:01	201.833	21.941	10.799	140.469	5174.831	140.469	5174.831
8/12/09	11:49:11	202	21.957	10.793	140.431	5174.869	140.431	5174.869
8/12/09	11:49:21	202.167	21.973	10.794	140.394	5174.906	140.394	5174.906
8/12/09	11:49:31	202.333	21.991	10.795	140.353	5174.947	140.353	5174.947
8/12/09	11:49:41	202.5	22.006	10.795	140.317	5174.983	140.317	5174.983
8/12/09	11:49:51	202.667	22.023	10.795	140.278	5175.022	140.278	5175.022
8/12/09	11:50:01	202.833	22.039	10.795	140.242	5175.058	140.242	5175.058
8/12/09	11:50:11	203	22.054	10.797	140.207	5175.093	140.207	5175.093
8/12/09	11:50:21	203.167	22.071	10.796	140.168	5175.132	140.168	5175.132
8/12/09	11:50:31	203.333	22.086	10.796	140.133	5175.167	140.133	5175.167
8/12/09	11:50:41	203.5	22.101	10.792	140.098	5175.202	140.098	5175.202
8/12/09	11:50:51	203.667	22.114	10.796	140.069	5175.231	140.069	5175.231
8/12/09	11:51:01	203.833	22.128	10.793	140.036	5175.264	140.036	5175.264
8/12/09	11:51:11	204	22.146	10.795	139.995	5175.305	139.995	5175.305
8/12/09	11:51:21	204.167	22.162	10.793	139.958	5175.342	139.958	5175.342
8/12/09	11:51:31	204.333	22.178	10.792	139.920	5175.380	139.920	5175.380
8/12/09	11:51:41	204.5	22.194	10.795	139.884	5175.416	139.884	5175.416
8/12/09	11:51:51	204.667	22.209	10.792	139.849	5175.451	139.849	5175.451
8/12/09	11:52:01	204.833	22.225	10.792	139.813	5175.487	139.813	5175.487
8/12/09	11:52:11	205	22.241	10.792	139.775	5175.525	139.775	5175.525
8/12/09	11:52:21	205.167	22.255	10.791	139.742	5175.558	139.742	5175.558
8/12/09	11:52:31	205.333	22.271	10.788	139.707	5175.593	139.707	5175.593
8/12/09	11:52:41	205.5	22.286	10.790	139.671	5175.629	139.671	5175.629
8/12/09	11:52:51	205.667	22.303	10.791	139.632	5175.668	139.632	5175.668
8/12/09	11:53:01	205.833	22.319	10.789	139.595	5175.705	139.595	5175.705
8/12/09	11:53:11	206	22.333	10.788	139.562	5175.738	139.562	5175.738
8/12/09	11:53:21	206.167	22.347	10.790	139.531	5175.769	139.531	5175.769
8/12/09	11:53:31	206.333	22.363	10.788	139.494	5175.806	139.494	5175.806
8/12/09	11:53:41	206.5	22.379	10.789	139.457	5175.843	139.457	5175.843
8/12/09	11:53:51	206.667	22.394	10.787	139.422	5175.878	139.422	5175.878
8/12/09	11:54:01	206.833	22.408	10.787	139.389	5175.911	139.389	5175.911
8/12/09	11:54:11	207	22.424	10.789	139.352	5175.948	139.352	5175.948
8/12/09	11:54:21	207.167	22.437	10.786	139.322	5175.978	139.322	5175.978
8/12/09	11:54:31	207.333	22.455	10.786	139.280	5176.020	139.280	5176.020
8/12/09	11:54:41	207.5	22.470	10.786	139.245	5176.055	139.245	5176.055
8/12/09	11:54:51	207.667	22.484	10.785	139.214	5176.086	139.214	5176.086
8/12/09	11:55:01	207.833	22.498	10.784	139.182	5176.118	139.182	5176.118
8/12/09	11:55:11	208	22.515	10.785	139.141	5176.159	139.141	5176.159
8/12/09	11:55:21	208.167	22.528	10.783	139.112	5176.188	139.112	5176.188
8/12/09	11:55:31	208.333	22.545	10.787	139.073	5176.227	139.073	5176.227
8/12/09	11:55:41	208.5	22.560	10.783	139.039	5176.261	139.039	5176.261
8/12/09	11:55:51	208.667	22.573	10.784	139.009	5176.291	139.009	5176.291
8/12/09	11:56:01	208.833	22.589	10.783	138.972	5176.328	138.972	5176.328
8/12/09	11:56:11	209	22.604	10.783	138.938	5176.362	138.938	5176.362
8/12/09	11:56:21	209.167	22.618	10.780	138.905	5176.395	138.905	5176.395
8/12/09	11:56:31	209.333	22.632	10.781	138.871	5176.429	138.871	5176.429
8/12/09	11:56:41	209.5	22.647	10.781	138.838	5176.462	138.838	5176.462
8/12/09	11:56:51	209.667	22.662	10.783	138.804	5176.496	138.804	5176.496
8/12/09	11:57:01	209.833	22.675	10.784	138.773	5176.527	138.773	5176.527
8/12/09	11:57:11	210	22.690	10.780	138.737	5176.563	138.737	5176.563
8/12/09	11:57:21	210.167	22.704	10.783	138.706	5176.594	138.706	5176.594
8/12/09	11:57:31	210.333	22.719	10.782	138.671	5176.629	138.671	5176.629
8/12/09	11:57:41	210.5	22.733	10.782	138.638	5176.662	138.638	5176.662

**Appendix B-8. UMW-2 Water Level Data, Moore Ranch Supplemental Pump Testing**

Date	Time	Elapsed Time Minutes	SN#: 138097 PSI	SN#: 138097 Temp - C	SN#: 138097 DTW (ft btoc)	TOC Elev	Corrected DTW	Corrected Elev
						5315.300 GW Elevation		
8/12/09	11:57:51	210.667	22.746	10.780	138.609	5176.691	138.609	5176.691
8/12/09	11:58:01	210.833	22.762	10.779	138.571	5176.729	138.571	5176.729
8/12/09	11:58:11	211	22.776	10.780	138.541	5176.759	138.541	5176.759
8/12/09	11:58:21	211.167	22.790	10.782	138.508	5176.792	138.508	5176.792
8/12/09	11:58:31	211.333	22.803	10.779	138.477	5176.823	138.477	5176.823
8/12/09	11:58:41	211.5	22.818	10.780	138.442	5176.858	138.442	5176.858
8/12/09	11:58:51	211.667	22.832	10.776	138.412	5176.888	138.412	5176.888
8/12/09	11:59:01	211.833	22.844	10.780	138.383	5176.917	138.383	5176.917
8/12/09	11:59:11	212	22.859	10.778	138.347	5176.953	138.347	5176.953
8/12/09	11:59:21	212.167	22.873	10.776	138.316	5176.984	138.316	5176.984
8/12/09	11:59:31	212.333	22.887	10.776	138.282	5177.018	138.282	5177.018
8/12/09	11:59:41	212.5	22.900	10.775	138.253	5177.047	138.253	5177.047
8/12/09	11:59:51	212.667	22.915	10.775	138.219	5177.081	138.219	5177.081
8/12/09	12:00:01	212.833	22.928	10.776	138.188	5177.112	138.188	5177.112
8/12/09	12:00:11	213	22.941	10.775	138.158	5177.142	138.158	5177.142
8/12/09	12:00:21	213.167	22.955	10.774	138.126	5177.174	138.126	5177.174
8/12/09	12:00:31	213.333	22.969	10.773	138.094	5177.206	138.094	5177.206
8/12/09	12:00:41	213.5	22.983	10.776	138.062	5177.238	138.062	5177.238
8/12/09	12:00:51	213.667	22.997	10.774	138.029	5177.271	138.029	5177.271
8/12/09	12:01:01	213.833	23.011	10.774	137.998	5177.302	137.998	5177.302
8/12/09	12:01:11	214	23.024	10.774	137.966	5177.334	137.966	5177.334
8/12/09	12:01:21	214.167	23.036	10.774	137.940	5177.360	137.940	5177.360
8/12/09	12:01:31	214.333	23.049	10.775	137.910	5177.390	137.910	5177.390
8/12/09	12:01:41	214.5	23.062	10.772	137.880	5177.420	137.880	5177.420
8/12/09	12:01:51	214.667	23.072	10.772	137.857	5177.443	137.857	5177.443
8/12/09	12:02:01	214.833	23.090	10.775	137.814	5177.486	137.814	5177.486
8/12/09	12:02:11	215	23.104	10.776	137.783	5177.517	137.783	5177.517
8/12/09	12:02:21	215.167	23.116	10.775	137.756	5177.544	137.756	5177.544
8/12/09	12:02:31	215.333	23.125	10.775	137.735	5177.565	137.735	5177.565
8/12/09	12:02:41	215.5	23.145	10.773	137.689	5177.611	137.689	5177.611
8/12/09	12:02:51	215.667	23.158	10.774	137.658	5177.642	137.658	5177.642
8/12/09	12:03:01	215.833	23.170	10.774	137.630	5177.670	137.630	5177.670
8/12/09	12:03:11	216	23.183	10.771	137.600	5177.700	137.600	5177.700
8/12/09	12:03:21	216.167	23.195	10.775	137.573	5177.727	137.573	5177.727
8/12/09	12:03:31	216.333	23.207	10.772	137.545	5177.755	137.545	5177.755
8/12/09	12:03:41	216.5	23.222	10.771	137.510	5177.790	137.510	5177.790
8/12/09	12:03:51	216.667	23.236	10.774	137.478	5177.822	137.478	5177.822
8/12/09	12:04:01	216.833	23.248	10.773	137.450	5177.850	137.450	5177.850
8/12/09	12:04:11	217	23.260	10.772	137.422	5177.878	137.422	5177.878
8/12/09	12:04:21	217.167	23.273	10.773	137.392	5177.908	137.392	5177.908
8/12/09	12:04:31	217.333	23.285	10.771	137.364	5177.936	137.364	5177.936
8/12/09	12:04:41	217.5	23.297	10.771	137.336	5177.964	137.336	5177.964
8/12/09	12:04:51	217.667	23.311	10.770	137.303	5177.997	137.303	5177.997
8/12/09	12:05:01	217.833	23.323	10.770	137.276	5178.024	137.276	5178.024
8/12/09	12:05:11	218	23.337	10.771	137.245	5178.055	137.245	5178.055
8/12/09	12:05:21	218.167	23.344	10.769	137.228	5178.072	137.228	5178.072
8/12/09	12:05:31	218.333	23.356	10.768	137.201	5178.099	137.201	5178.099
8/12/09	12:05:41	218.5	23.374	10.767	137.159	5178.141	137.159	5178.141
8/12/09	12:05:51	218.667	23.387	10.766	137.129	5178.171	137.129	5178.171
8/12/09	12:06:01	218.833	23.400	10.769	137.100	5178.200	137.100	5178.200
8/12/09	12:06:11	219	23.410	10.767	137.075	5178.225	137.075	5178.225
8/12/09	12:06:21	219.167	23.424	10.767	137.043	5178.257	137.043	5178.257
8/12/09	12:06:31	219.333	23.433	10.767	137.022	5178.278	137.022	5178.278
8/12/09	12:06:41	219.5	23.443	10.765	137.000	5178.300	137.000	5178.300
8/12/09	12:06:51	219.667	23.455	10.768	136.971	5178.329	136.971	5178.329
8/12/09	12:07:01	219.833	23.473	10.767	136.931	5178.369	136.931	5178.369