

AP - 98

ANNUAL MONITORING REPORT

YEAR(S):
2009

R. T. HICKS CONSULTANTS, LTD.

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April 8, 2010

Edward J. Hansen
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

RE: 2009 Annual Ground Water Monitoring Report
Hobbs Jct. E-4, Sec 04, T19S, R38E, Unit "E"
NMOCD Case #: AP-98

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Mr. Hansen,

R.T. Hicks Consultants, Ltd. is pleased to submit this 2009 Annual Ground Water Monitoring Report for the Jct. E-4 site located in the Hobbs Salt Water Disposal System (SWD). This report contains:

1. A table presenting all laboratory results and depth to ground water for each well at the site.
2. Graphs showing the concentration of chloride and TDS in ground water over time.

A Stage I Abatement Plan was submitted to NMOCD on September 11, 2008. The Stage I Abatement Plan is pending NMOCD review. An additional well was completed in the fall of 2009. Ground water monitoring will continue in 2010.

ROC is the service provider (agent) for the Hobbs Salt Water Disposal System and has no ownership of any portion of pipeline, well or facility. A consortium of oil producers who own the Hobbs Salt Water Disposal System (System Parties) provide all operating capital on a percentage ownership/usage basis. Major projects require System Parties' authorization for expenditures (AFE); approval and work begins as funds are received.

Thank you for your consideration. If you have any questions, please contact us at 505-266-5004, or Hack Conder at Rice Operating Company, 575-393-9174.

Sincerely,
R.T. Hicks Consultants



Katie Lee
Project Scientist

Copy: Hack Conder, Rice Operating Company

ROC Hobbs Jct. E-4 NMOCD Case #: AP-98

MW	Depth to Water (ft)	Sample Date	CI	TDS	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Sulfate
(mg/L)									
1	36.33	3/7/2008	76	710	2.9	2.75	0.82	2.47	23.5
1	36.65	5/2/2008	80	740	2.19	2.5	0.497	1.87	<10
1	37.24	8/8/2008	96	813	0.796	1.46	0.432	1.05	31
1	37.49	10/29/2008	108	862	0.241	0.607	0.21	0.389	32.7
1	38.56	1/30/2009	124	878	0.551	0.653	0.235	0.476	42
1	39.24	5/7/2009	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1	39.56	8/12/2009	XXX	XXX	XXX	XXX	XXX	XXX	XXX
1	39.9	10/28/2009	XXX	XXX	XXX	XXX	XXX	XXX	XXX
2	37.51	10/29/2008	40	594	0.022	0.007	0.105	0.204	13
2	37.89	1/30/2009	40	647	0.091	0.004	0.176	0.331	<10
2	38.36	5/7/2009	36	688	0.167	0.011	0.281	0.648	<10
2	39.09	8/12/2009	84	788	0.101	0.031	0.186	0.372	248
2	39.51	10/28/2009	XXX	XXX	XXX	XXX	XXX	XXX	XXX
3	34.76	10/29/2008	108	1050	0.001	0.004	0.035	0.086	364
3	34.99	1/30/2009	104	1070	0.005	0.002	0.078	0.109	382
3	35.48	5/7/2009	104	1110	0.002	<0.001	0.027	0.04	359
3	35.79	8/12/2009	104	1000	0.001	<0.001	0.02	0.024	326
3	35.98	10/28/2009	104	1040	0.003	<0.001	0.008	0.004	343
4	36.94	10/29/2008	76	634	0.17	0.002	0.116	0.037	12.9
4	37.17	1/30/2009	76	650	0.538	0.003	0.167	0.013	<10
4	37.62	5/7/2009	84	716	0.68	<0.002	0.195	<0.006	<10
4	37.97	8/12/2009	88	824	0.419	0.009	0.184	0.014	278
4	38.11	10/28/2009	80	686	0.434	0.002	0.141	<0.003	<10
5	36.84	10/28/2009	116	839	0.001	<0.001	0.002	<0.003	96

XXX: Not Sampled due to Floating Product or with NMOCD Permission

