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**Annual GW Mon.  
REPORTS**

**DATE:**

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 O-5 Vent (Historic Site), Sec 05, T19S, R38E, Unit "O"  
NMOCD Case #: 1R0428-69

Mr. Hansen,

R.T. Hicks Consultants, Ltd. is pleased to submit this 2009 Annual Ground Water Monitoring Report for the O-5 Vent (Historic Site) 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.

An Investigation & Characterization Plan Amendment was submitted to NMOCD on May 6, 2009, a request for permission to suspend lab analyses for hydrocarbons and sulfate was submitted on July 10, 2009 and an up gradient monitoring well was installed in the fall of 2009. Quarterly ground water monitoring continues at the site.

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

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RECEIVED OGD

Hobbs O-5 Vent. NMOCD Case #: 1R428-69

MW	Depth to Water (ft)	Sample Date	CI	TDS	Benzene	Toluene	Ethyl Benzene (mg/L)	Total Xylenes	Sulfate
1	31.62	8/23/2007	264	968	<0.002	<0.002	<0.002	<0.006	62.4
1	31.61	9/27/2007	260	963	0.002	<0.001	<0.001	<0.003	57.6
1	31.58	10/19/2007	296	1052	0.003	0.001	<0.001	<0.003	59.3
1	31.63	2/7/2008	272	949	0.003	0.001	<0.001	<0.003	67.8
1	31.81	5/2/2008	284	985	<0.002	<0.002	<0.002	<0.006	75.2
1	32.16	8/8/2008	280	992	<0.001	<0.001	<0.001	<0.003	69
1	32.38	11/12/2008	296	1020	<0.001	<0.001	<0.001	<0.003	61.3
1	32.54	2/2/2009	356	1170	<0.001	<0.001	<0.001	<0.003	45
1	32.78	5/5/2009	368	1230	<0.001	<0.001	<0.001	<0.003	41.8
1	33.07	8/10/2009	360	1150	<0.001	<0.001	<0.001	<0.003	34.5
1	33.29	10/27/2009	400	1270	0.002	<0.001	<0.001	<0.003	34.5
2	32.83	11/3/2009	124	625	<0.001	<0.001	<0.001	<0.003	70

