

1R - 428-76

**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 M-4 Vent, Sec 04, T19S, R38E, Unit "M"  
NMOCD Case #: 1R0428-76

Mr. Hansen,

R.T. Hicks Consultants, Ltd. is pleased to submit this 2009 Annual Ground Water Monitoring Report for the M-4 Vent 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 Corrective Action Plan was submitted to NMOCD on September 9, 2008. 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: Rice Operating Company

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Hobbs M-4 Vent, NMOCD Case # 1R428-76

MW	Depth to Water (ft)	Sample Date	CI	TDS	Benzene	Toluene	Ethyl Benzene (mg/L)	Total Xylenes	Sulfate
1	26.78	3/7/2008	432	1520	<0.001	<0.001	<0.001	<0.003	262
1	27.02	5/2/2008	332	1330	<0.002	<0.002	<0.002	<0.006	240
1	27.64	8/8/2008	396	1500	<0.001	<0.001	<0.001	<0.003	286
1	27.83	11/12/2008	400	1450	<0.001	<0.001	<0.001	<0.003	297
1	28.01	1/30/2009	364	1420	XXX	XXX	XXX	XXX	264
1	28.39	5/5/2009	360	1400	XXX	XXX	XXX	XXX	258
1	28.85	8/12/2009	348	1320	XXX	XXX	XXX	XXX	240
1	28.92	10/28/2009	336	1370	XXX	XXX	XXX	XXX	242

XXX: Not Analyzed with NMOCD Permission

