

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
June 1, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes No

Type of action: Registration of a pit or below-grade tank Closure of a pit or below-grade tank

Operator: MURCHISON OIL AND GAS, INC. Telephone: 505-628-3932 e-mail address: tommyfolsom@valornet.com

Address: 1100 Mira Vista Blvd., Plano, Texas 75093-4698

Facility or well name: Hackberry State No. 1 API #: 30-015-34803 U/L O Sec 17 T18S R23E 1980' FEL and 660' FSL JAN - 7 2008

County: Eddy _____ Latitude N _____ Longitude W _____ NAD: 1927 1983 **OCD-ARTESIA**

Surface Owner State X

<u>Pit</u> Type: Drilling X Lined X Liner type: Synthetic X Thickness: 12ml HDPE Liner Pit Volume: 2000 bbl. (Approximately)	<u>Below-grade tank</u> N/A Volume: N/A bbl Type of fluid: N/A Construction material: N/A Double-walled, with leak detection? <input type="checkbox"/> If not, explain why not.						
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of groundwater.) State Engineer's records show groundwater elevation to be 400 feet plus.	<table border="1"> <tr> <td>Less than 50 feet</td> <td>(20 points)</td> </tr> <tr> <td>50 feet or more, but less than 100 feet</td> <td>(10 points)</td> </tr> <tr> <td>100 feet or more</td> <td>(0 points) 0 pts.</td> </tr> </table>	Less than 50 feet	(20 points)	50 feet or more, but less than 100 feet	(10 points)	100 feet or more	(0 points) 0 pts.
Less than 50 feet	(20 points)						
50 feet or more, but less than 100 feet	(10 points)						
100 feet or more	(0 points) 0 pts.						
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"> <tr> <td>Yes</td> <td>(20 points)</td> </tr> <tr> <td>No X</td> <td>(0 points) 0 pts.</td> </tr> </table>	Yes	(20 points)	No X	(0 points) 0 pts.		
Yes	(20 points)						
No X	(0 points) 0 pts.						
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"> <tr> <td>Less than 200 feet</td> <td>(20 points)</td> </tr> <tr> <td>200 feet or more, but less than 1000 feet</td> <td>(10 points) 0 pts.</td> </tr> <tr> <td>1000 feet or more</td> <td>(0 points)</td> </tr> </table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points) 0 pts.	1000 feet or more	(0 points)
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200 feet or more, but less than 1000 feet	(10 points) 0 pts.						
1000 feet or more	(0 points)						
	Ranking Score (Total Points) 0 pts.						

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: Insitu If offsite, name of facility: N/A (4) Groundwater encountered: No X Yes If yes, show depth below ground surface _ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: **NOTICE OF FINAL CLOSURE OF DRILLING PIT ON JANUARY 7, 2008.**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X, a general permit , or an (attached) alternative OCD-approved plan .

Date: 7 January 2008

Printed Name/Title: Tommy W. Folsom, Production Manager

Signature: 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate groundwater or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title: _____

Signature _____

Accepted for record
NMOCD

Date: JAN 07 2008

Summary Report

Tommy Folsom
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: December 28, 2007

Work Order: 7122710



Project Name: Hackberry

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146502	NE 1/4	soil	2007-12-21	13:00	2007-12-27
146503	SW 1/4	soil	2007-12-21	13:40	2007-12-27
146504	SE 1/4	soil	2007-12-21	13:55	2007-12-27
146505	NW 1/4	soil	2007-12-21	14:20	2007-12-27

Sample: 146502 - NE 1/4

Param	Flag	Result	Units	RL
Chloride		561	mg/Kg	5.00

Sample: 146503 - SW 1/4

Param	Flag	Result	Units	RL
Chloride		4050	mg/Kg	5.00

Sample: 146504 - SE 1/4

Param	Flag	Result	Units	RL
Chloride		3390	mg/Kg	5.00

Sample: 146505 - NW 1/4

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00

Summary Report

Tommy Folsom
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: January 7, 2008

Work Order: 8010302



Project Name: Hackberry

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
146780	SE pit resample 15'	soil	2008-01-02	07:00	2008-01-03
146781	SW pit resample 15'	soil	2008-01-02	07:50	2008-01-03

Sample: 146780 - SE pit resample 15'

Param	Flag	Result	Units	RL
Chloride		54.6	mg/Kg	5.00

Sample: 146781 - SW pit resample 15'

Param	Flag	Result	Units	RL
Chloride		<50.0	mg/Kg	5.00