

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, TX 75093-4698
Facility or well name: Four Mile Draw State No. 1 API #: 30-015-34740 U/L L Sec 35 T18S R24E 1980' FSL and 660' FWL
County: Eddy Latitude N Longitude W NAD: 1927 ☐ 1983 ☐
Surface Owner State ☒

DEC 18 2007

OCD-ARTESIA

Pit Type: Drilling <input checked="" type="checkbox"/> Lined <input checked="" type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness: 12ml HDPE Liner Pit Volume: 2000 bbl. (Approximately)	Below-grade tank 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 at approximately 300 feet +.	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.)	Yes (20 points) No <input checked="" type="checkbox"/> (0 points) 0 pts.
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points) 0 pts.
	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 ☒ 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 SEPTEMBER 17 2007.

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 ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 15 December 2007

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:

Accepted for record
NMOCD

Signature

Date:

DEC 18 2007

Summary Report

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

Report Date: September 4, 2007

Work Order: 7083117



Project Location: Outer Horseshoe on East Side
Project Name: 4 Mile Draw

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
135094	N Wall & Floor Comp	soil	2007-08-28	08:00	2007-08-31
135095	S Wall & Floor Comp	soil	2007-08-28	08:20	2007-08-31
135096	E Wall & Floor Comp	soil	2007-08-28	08:40	2007-08-31
135097	W Wall & Floor Comp	soil	2007-08-28	09:10	2007-08-31

Sample: 135094 - N Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		5390	mg/Kg	5.00

Sample: 135095 - S Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		6150	mg/Kg	5.00

Sample: 135096 - E Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		7510	mg/Kg	5.00

Sample: 135097 - W Wall & Floor Comp

Param	Flag	Result	Units	RL
Chloride		6410	mg/Kg	5.00

Summary Report

Nicki Boland
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: September 10, 2007

Work Order: 7090725



Project Location: Outer Horseshoe on East Side
Project Name: 4 Mile Draw

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
135625	N Comp Floor & Wall	soil	2007-09-06	15:00	2007-09-07
135626	S Comp Floor & Wall	soil	2007-09-06	15:20	2007-09-07
135627	E Comp Floor & Wall	soil	2007-09-06	15:40	2007-09-07
135628	W Comp Floor & Wall	soil	2007-09-06	16:20	2007-09-07

Sample: 135625 - N Comp Floor & Wall

Param	Flag	Result	Units	RL
Chloride		2000	mg/Kg	5.00

Sample: 135626 - S Comp Floor & Wall

Param	Flag	Result	Units	RL
Chloride		1040	mg/Kg	5.00

Sample: 135627 - E Comp Floor & Wall

Param	Flag	Result	Units	RL
Chloride		427	mg/Kg	5.00

Sample: 135628 - W Comp Floor & Wall

Param	Flag	Result	Units	RL
Chloride		397	mg/Kg	5.00

Summary Report

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

Report Date: September 18, 2007

Work Order: 7091511



Project Name: Four Mile Draw

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
136629	N Wall & Floor	soil	2007-09-13	16:20	2007-09-15
136630	S Wall & Floor	soil	2007-09-13	16:00	2007-09-15
136631	E Wall & Floor	soil	2007-09-13	16:50	2007-09-15
136632	W Wall & Floor	soil	2007-09-13	17:00	2007-09-15

Sample: 136629 - N Wall & Floor

Param	Flag	Result	Units	RL
Chloride		747	mg/Kg	5.00

Sample: 136630 - S Wall & Floor

Param	Flag	Result	Units	RL
Chloride		77.8	mg/Kg	5.00

Sample: 136631 - E Wall & Floor

Param	Flag	Result	Units	RL
Chloride		87.5	mg/Kg	5.00

Sample: 136632 - W Wall & Floor

Param	Flag	Result	Units	RL
Chloride		626	mg/Kg	5.00

Summary Report

Cheryl Winkler
Murchison Oil & Gas Inc.
P.O. Box 627
Carlsbad, NM, 88220

Report Date: October 15, 2007

Work Order: 7101215



Project Name: Four Mile Draw

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
139158	Final Pit-NW Comp	soil	2007-10-11	12:00	2007-10-12
139159	Final Pit-SE Comp	soil	2007-10-11	12:30	2007-10-12

Sample: 139158 - Final Pit-NW Comp

Param	Flag	Result	Units	RL
Chloride		51.0	mg/Kg	5.00

Sample: 139159 - Final Pit-SE Comp

Param	Flag	Result	Units	RL
Chloride		149	mg/Kg	5.00