

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@valomet.com

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

Facility or well name: Hightower State Unit No. 1

API #: 30-012-37901 U/L A Sec 27 T12S R33E 660' FNL and 1300' FEL

County: Lea

Latitude N

Longitude W

NAD: 1927 ☐ 1983 ☐

Surface Owner: State X

Pit

Type: Drilling X

Lined X

Liner type: Synthetic X 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? ☐ If not, explain why not

Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of groundwater.) Groundwater well survey performed on 18 May 06 shows no water to a depth of 70 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 X

(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 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 OCTOBER 10, 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 X, 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:

Signature

ENVIRONMENTAL ENGINEER

Date:

1.3.08

RBC