

RECEIVED

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

APR 05 2005 Form C-144  
June 1, 2004

OCD-ARTESIA

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 & Gas Inc. Telephone: 972-931-0700 e-mail address: 505-628-3932  
Address: 1100 Mira Vista Blvd. PLANO, TEXAS 75093-4698  
Facility or well name: Bunger Federal #4 API #: 30-015-33187 U/L or Q/L or SE/SE Sec 3 T 255 R 26E  
County: Eddy Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ NAD: 1927 ☐ 1983 ☐  
Surface Owner: Federal ☐ State ☐ Private ☐ Indian ☐

<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl		<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)	
	50 feet or more, but less than 100 feet	(10 points)	
	100 feet or more <b>XX</b>	(0 points)	<b>0</b>
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 <b>XX</b>	(0 points)	<b>0</b>
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 <b>XX</b>	(0 points)	<b>0</b>
<b>Ranking Score (Total Points)</b>			

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: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including remediation start date and end date. (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:

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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: 04/05/05  
Printed Name/Title: Tommy W. Folsom Production Manager Signature: [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 ground water 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: [Signature]  
Printed Name/Title: [Signature] Signature: [Signature] Date: 4/5/05

Attachment to pit closure

Murchison Oil and Gas, Inc.  
Ringer Federal Com #6  
Sec 3, T-25S, R-26E  
1250' FSL and 1250' FEL  
Eddy County, New Mexico

Proposed closure procedure of drilling pits:

1. Push drill cuttings and plastic from East side of pits to West side of pit.
2. Dig pit in West side of pit, of sufficient size to hold all drill cuttings and contaminated material  
Pit will be deep enough to allow 3' of cover when full to natural grade.
3. Line pit w/ 12 mill liner
4. Move drill cuttings and contaminated material into pit with bucket equipment so pressure will not be applied to 12 mill liner.
5. When all cuttings are moved to pit a 20 Mill liner will be placed over cuttings, and native soil will be placed over top to natural grade.
6. A pit will be dug on the West side and the caliche from the location, and access road will be pushed into hole and native soil will be placed over to allow 3' of cover at natural grade.
7. The drill pad will be recontoured by pushing North to South.
8. The drill pad and access road will be ripped to a minimum of 12" depth.
9. The drill site area, drill pad, pit area, access road will be seeded with #4 seed mixture as required by BLM. Seeding will be monitored by BLM., with three days notice given before seeding.
10. A earthen barricade will placed at entrance to prevent vehicle travel.

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