

015-34925

Robin Terrell
Mewbourne Oil Company
PO Box 5270
Hobbs, New Mexico 88241

OLD COPY

August 22, 2007

Mike Bratcher
NMOCD District 2 Office
1301 W. Grand
Artesia, New Mexico 88210

RE: Geronimo 23 Federal Com 001- Final Pit Closure

Geronimo 23 Federal Com 001	Depth to Ground Water: 300'
API: 30-015-34925	Planned Analytical Testing: Chlorides
23-18S-31E	Site Ranking Score: 0 (zero)
660 FNL & 660 FWL	Primary Land Use: Ranching, Oil & Gas Production

Pursuant to Pit Rule 50 of the New Mexico Oil Conservation District of the State of New Mexico regulatory requirement for pit closure, please accept the following documentation for final closure of the drilling pit for the aforementioned location.

Due to the fact soil samples were not obtained prior to backfilling, four test holes were dug within the boundaries of the original drilling pit. The field results of chloride delineation of the impacted material are as follows:

Northwest	10'	2000mg/kg	Northeast	10'	2340mg/kg
	13'	80mg/kg		12'	1800mg/kg
				14'	300mg/kg
Southwest	10'	600mg/kg	Southeast	10'	780mg/kg
	12'	300mg/kg		12'	80mg/kg

After field tests were performed, Mike Bratcher of the New Mexico Oil Conservation Division (NMOCD) was contacted. Approval for closure was granted

Soil samples were collected, prepared and packaged per EPA guidelines and forwarded to Trace Analysis in Lubbock, Texas for official analytical testing. Please find the official analytical results attached hereto.

Please review the attached documentation and contact me at 505-393-5905 with any questions or concerns.

Accepted for record
NMOCD

Sincerely,



Robin Terrell
Production Engineer

/sjt

②

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 permit"? Yes ☐ No ☒
Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Month - Year
MAY 30 2007
OCD - ARTESIA, NM

Operator: MEMBOURNE OIL COMPANY Telephone: 505-373-5915 e-mail address: _____
Address: 701 S. CECIL Hobbs, NM 88240
Facility or well name: GERALDINO 23#1 API#: 30-015-34925 U/L or Q/L or Q/L: D Sec: 23 T: 18 S: 7 R: 31 RE: _____
County: EDDY Latitude: N 32° 44' 17.8" Longitude: W 103° 50' 45.9" NAD: 1927 ☐ 1983 ☒
Surface Owner: Federal ☒ State ☐ Private ☐ Indian ☐

PH 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 checked="" type="checkbox"/> Thickness: <u>12</u> mil Clay <input type="checkbox"/> Pit Volume: <u>5000</u> bbl	Below-grade tank 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) (10 points) <u>300</u>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (10 points)
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) (10 points)
Ranking Score (Total Points) <u>300</u>		

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 circle 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: Closure work plan for drilling pit. Category 2 location: The drilling pit contents will be excavated from the pit area.
If there is evidence of contamination, the soil will be tested by lab and if contamination is confirmed, further remediation will be conducted according to guidelines. A trench will be installed. The trench will be lined with a 20-mil impervious liner and the excavated material will be placed on top and encapsulated.
The excavated pit will be backfilled with clean soil and the pit area as well as the trench will be covered and capped with three feet of soil or like material capable of supporting native plant growth to prevent erosion and ponding of rainwater.
A one call and a 48 hour notice will be provided to the Oil Conservation Division.

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 NMOCD-approved plan ☐.

Date: 5-29-07 Printed Name/Title: JEFF RAINES / AGENT FOR MEMBOURNE 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.

Pit was closed 7-20-07

Approval:

Notify OCD 24 hours prior to beginning pit closure

Signature: [Signature]

Date: 6/1/07

Samples are to be obtained from pit area and analysis submitted to

Valley Energy Services, Inc.

PO Box 207
Loving, NM 88256

Invoice

Date	Invoice #
8/22/2007	587

Bill To
Mewbourne Oil Company Robin Terrell PO Box 5270 Hobbs, NM 88241

Terms	Rep
Due on receipt	SJT

Location
Geronimo 23 Federal 001

Quantity	Item Code	Description	Price Each	Amount
4.5	Enviro Sampling	Pulled field samples from 4 test holes, performed field analyticals	65.00	292 50T
1	Enviro Consulting	report	65.00	65 00T
1	Enviro Sampling	Prepared and sent soil samples to Trace Analysis	65.00	65.00T
48	Mileage Charge		0.50	24 00T
		New Mexico Sales Tax	6 3125%	28 19
D322/RT				
Total				\$474 69

Report Date: September 7, 2007

Work Order: 7090629
Geronimo 23 Fed #001Page Number: 1 of 1
Eddy County, NM

Summary Report

Robin Terrell
Mewbourne Oil Company
P. O. Box 5270
Hobbs, NM, 88220

Report Date: September 7, 2007

Work Order: 7090629

Project Location: Eddy County, NM
Project Name: Geronimo 23 Fed #001

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
135441	NW-13'	soil	2007-08-22	09:00	2007-09-06
135442	NE-14'	soil	2007-08-22	09:30	2007-09-06
135443	SW-12'	soil	2007-08-22	10:00	2007-09-06
135444	SE-12'	soil	2007-08-22	10:30	2007-09-06

Sample: 135441 - NW-13'

Param	Flag	Result	Units	RL
Chloride		47.4	mg/Kg	5.00

Sample: 135442 - NE-14'

Param	Flag	Result	Units	RL
Chloride		260	mg/Kg	5.00

Sample: 135443 - SW-12'

Param	Flag	Result	Units	RL
Chloride		369	mg/Kg	5.00

Sample: 135444 - SE-12'

Param	Flag	Result	Units	RL
Chloride		52.0	mg/Kg	5.00