

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 [X]

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

**Revised**

Operator: Melrose Oil & Gas Telephone: 505-513-0230 e-mail address: gnewton@pvtnetworks.net  
Address: 1905 W. Sears Ave. Artesia New Mexico  
Facility or well name: Artesia Unit #101 API #: 30-015-33285 U/L or Qtr/Qtr M Sec 35 T 17S R 28E  
County: Eddy Latitude 481FSL Longitude 994FWL 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 checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>24,000</u> bbl	<b>Below-grade tank</b> Volume: <u>        </u> bbl Type of fluid: <u>        </u> Construction material: <u>        </u> Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: <u>        </u>
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 (0 points) XXX
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 (0 points) XXX
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) XXX
Ranking Score (Total Points) 0	

**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: Will transfer any solids from reserve pit to drilling pit. If Necessary to lower Drilling pit to encapsulate all materials 3ft below grade will line 12Mil  
Transfer all solids from reserve to relined encapsulation pit a 20mil synthetic liner will be placed over contents, with a min of 3 ft overlap  
Additional Comments: Mixed to stiffen contents. Encapsulation trench will be excavated and lined with 12 mil synthetic liner on former drilling site. Drilling pit contents will  
Then be place into encapsulation pit capped with 20 mil synthetic liner with 3 ft overlap, backfilled pit to grade using 3 ft clean soil or like material.

**Final closure notice. Pit closed 2-20-06**

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: 1/18/06

Printed Name/Title Garrett L Newton Production Supervisor Signature Garrett L Newton

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:

Printed Name/Title         

Signature         

FEB 06 2006

Date:         

Accepted for record - NMOCD

MAR 07 2006

Example of explanation closure:

(5) Attach soil sample results and a diagram of sample locations and excavations.

**Additional Comments:** Closure work plan for drilling pit. The drilling pit contents will be mixed to stiffen contents. Encapsulation trench will be excavated and lined with a 12 mil. Synthetic liner on former drilling pit site. Drilling pit contents will then be emplaced into the encapsulation trench. A 20 mil. Synthetic liner will then be placed over the pit contents with a min. of a 3' over lap of the underlying trench areas. The encapsulation trenches will then be backfilled back to grade using a min. of 3' of clean soil and like material. A one call & 48 hour notice will be provided to the Oil Conservation Division before pit closure actions begin. Pit Closure actions to begin by NA. Ending date NA.



PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603  
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR  
TNT BACKHOE SERVICE  
ATTN: RAY MARTIN  
P.O. BOX 133  
ARTESIA, NM 88211  
FAX TO: (505) 746-1885

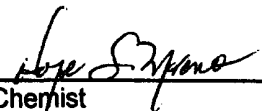
Receiving Date: 02/09/06  
Reporting Date: 02/10/06  
Project Number: NOT GIVEN  
Project Name: MELROSE  
Project Location: #101

Analysis Date: 02/10/06  
Sampling Date: 02/09/06  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: NF  
Analyzed By: HM

LAB NUMBER	SAMPLE ID	Cl <sup>-</sup> (mg/Kg)
H10719-3	MELROSE #101	1232
H10719-4	MELROSE #101 - OFFSITE	1008
Quality Control		490
True Value QC		500
% Recovery		98
Relative Percent Difference		0.02

METHOD: Standard Methods	4500-ClB
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NOTE: Analyses performed on 1:4 w:v aqueous extracts.

  
\_\_\_\_\_  
Chemist

02-10-06  
\_\_\_\_\_  
Date

H10719

Melrose Artesia Unit #101

Complete 2-20-06

N

