

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

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 X No ☐

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

Operator: <u>Yates Petroleum Company</u> Telephone: <u>505-748-4500</u> e-mail address: <u>mikes@ypc.com</u>		
Address: <u>105 South 4th Street, Artesia, N.M. 88210</u>		
Facility or well name: <u>Merle St. Unit #1</u> API #: <u>30-025-36581</u> U/L or Qtr/Qtr <u>O</u> Sec <u>13</u> T <u>10S</u> R <u>34E</u>		
County: <u>Lea</u> Latitude <u>33.44325</u> Longitude <u>103.41372</u> NAD: 1927 <input type="checkbox"/> 1983 X		
Surface Owner: Federal State <u>X</u> Private Indian <input type="checkbox"/>		
Pit Type: Drilling X Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over <input type="checkbox"/> Emergency <input type="checkbox"/> Lined X Unlined <input type="checkbox"/> Liner type: Synthetic X Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>12,000</u> bbl	Below-grade tank 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 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) XXXX (0 points)
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) (0 points)XXXX
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) (0 points)XXXX
	Ranking Score (Total Points)	10 POINTS

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 X offsite If offsite, name of facility NA (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: Registration for encapsulation trench. The drilling pit contents will be mixed to stiffen the pit 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 <u>NA</u> . Ending date <u>NA</u>

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 X, or an (attached) alternative OCD-approved plan ☐.

Date: 03/09/2005

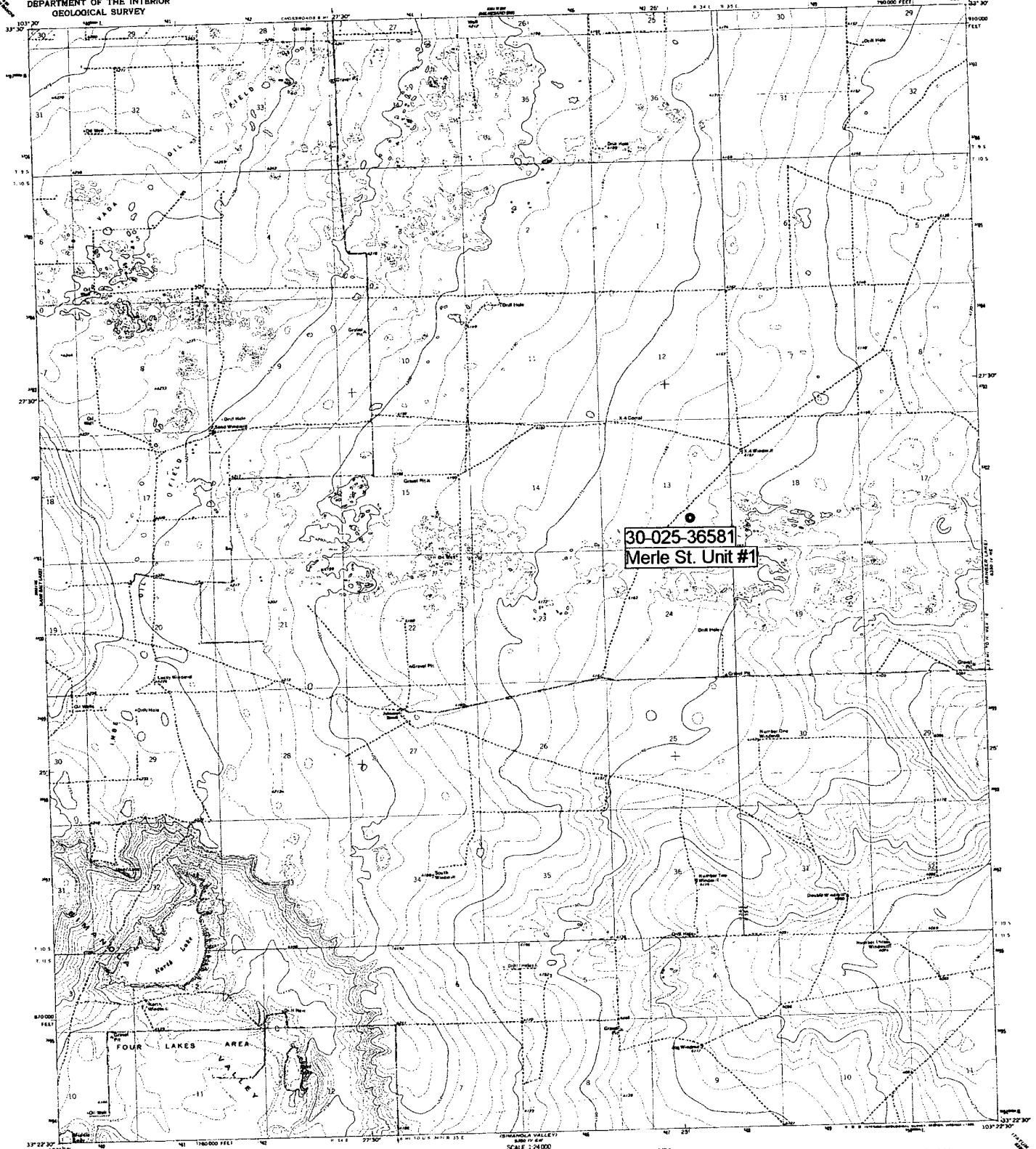
Printed Name/Title DAN DILLON / REG. AGENT Signature [Signature] / Copy file.

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 GARY W. WINK / STAFF MGR Signature [Signature]

Date: 3/21/05



Maped, edited, and published by the Geological Survey

Control by USGS and HOBBSMAN

Photocopy by photogrammetric methods from aerial photographs

taken 1968. Topography by planimetric surveys 1970

Planimetric projection. 10,000-foot grid ticks based on New Mexico

coordinate system, with zone

1000-meter Universal Transverse Mercator grid ticks,

zone 13, shown in blue

1927 North American Datum

To place on the projected North American Datum 1983

move the projection from 7 meters north and

46 meters east as shown by dashed corner ticks

First red dashed lines indicate selected fence lines

Projections shown on paper and working corrected from actual

photographs taken 1970 and other sources. This (horizontal)

scale has changed. Map dated 1988

UTM GRID AND 1983 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:250,000

CONTOUR INTERVAL 5 FEET

NATIONAL GEODETIC DATUM OF 1983

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80202, OR RESTON, VIRGINIA 22092

A POLAR BEARING TYPING, MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO

QUADRANGLE LOCATION

ROAD CLASSIFICATION

Light duty road, all weather, Unimproved road, fair or dry

improved surface, weather

JOHNSON RANCH, N. MEX.

33103-04-TF-024

1970

PHOTOGRAPHIC METHOD 1968

DATA USED BY USGS - HOBBSMAN

USGS SEO TWN 09S-15S CHAVES LEA GW

30-025-36581 MERLE ST. UNIT #1

COUNTY	SOURCE	USGS SITE NUM.	QTY	SITE LOCATION	DATE	LEVEL
LEA	SEO		1	10S.34E.27.14210	1976-05-04	54.92
LEA	SEO		1	10S.34E.27.14222	1991-01-25	50.78

USGS SEO TWN 09S-15S CHAVES LEA GW

COUNTY	SOURCE	USGS SITE NUM.	QTY	SITE LOCATION	DATE	LEVEL
LEA	SEO		1	09S.34E.18.34233	1971-04-14	52.30