

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 X No ☐

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

Operator: Yates Petroleum Company Telephone: 505-748-4500 e-mail address: mikes@ypc.com

Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210

Facility or well name: Monaghan QY Federal #1 API #: 30-005-61119 U/L or Qtr/Qtr M Sec 34 T 5S R 24E

County: Chaves Latitude 33.82313 Longitude 104.41676 NAD: 1927 ☐ 1983 X

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

RECEIVED

MAR 15 2005

ODD-ARTESIA

**Pit**

Type: Drilling X Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined X Unlined ☐

Liner type: Synthetic ☐ Thickness 12 mil Clay ☐

Pit Volume 12,000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_

Construction material: \_\_\_\_\_

Double-walled, with leak detection? Yes ☐ 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

( 0 points) XXXX

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)XXXX

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) ) XXXX

**Ranking Score (Total Points)**

**0 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 your 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: Closure work plan 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 NA. Ending date NA

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: 03/14/2005

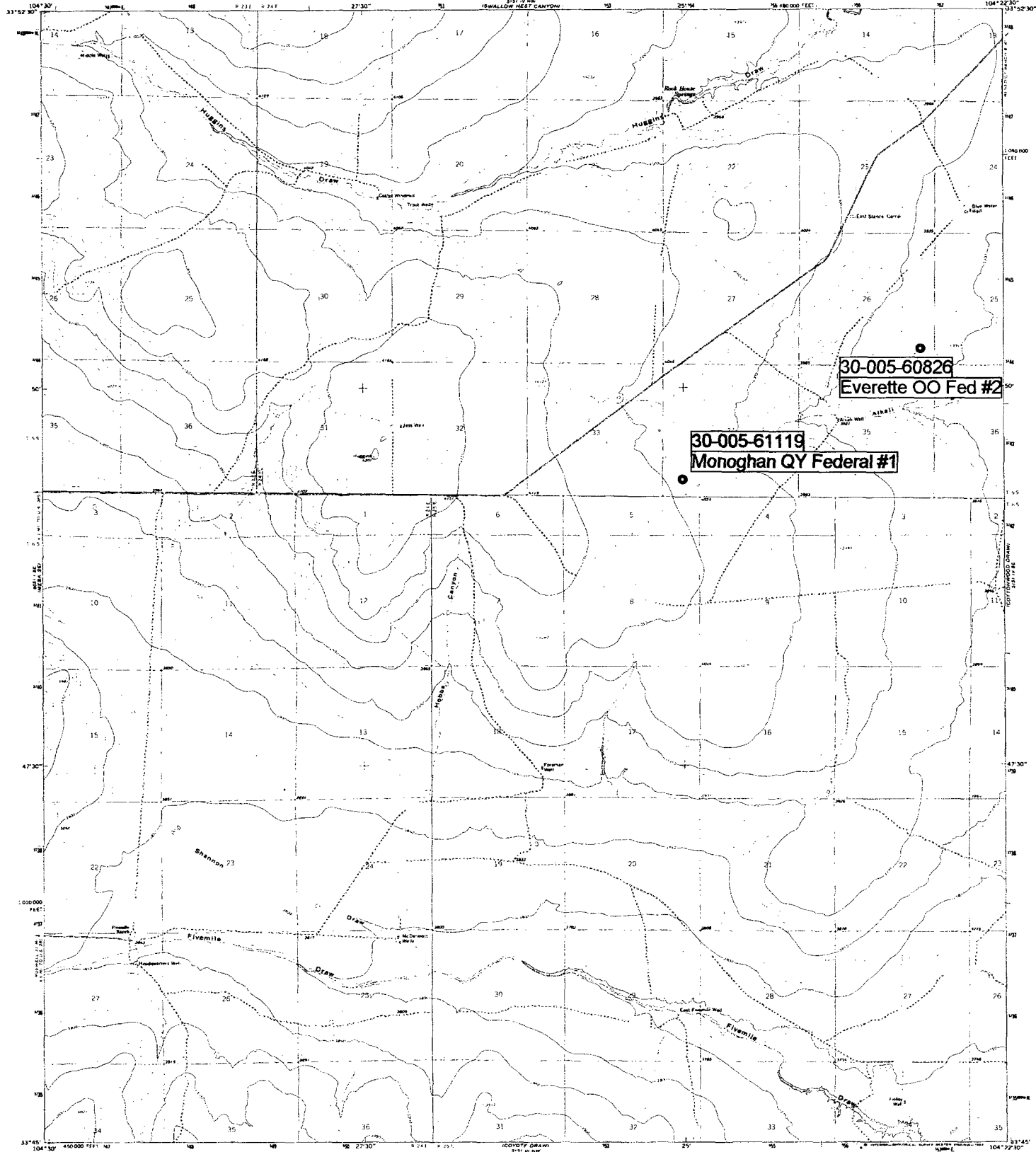
Printed Name/Title David D. [Signature] Signature [Signature]

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:

Printed Name/Title [Signature] Signature [Signature]

Date: MAR 17 2005



Mapped, edited, and published by the Geological Survey  
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial  
photographs taken 1966. Field checked 1967.  
Polyconic projection. 10,000-foot grid (based on  
New Mexico coordinate system, west zone, 1000-meter  
Universal Transverse Mercator grid lines, zone 13,  
shown in blue, 1927 North American Datum. To  
place on the projected North American Datum  
1983 move the projection lines 6 meters  
south and 48 meters east as shown by dashed  
corner ticks.  
Thin red dashed lines indicate selected fence lines.  
Vegetation shown in purple and woodland in green. This  
aerial photograph taken 1974 and other sources.  
This information may be checked. Map edition 1982.

UTM GRID AND GRID COORDINATES NORTH  
OF 1927 NORTH AMERICAN DATUM

SCALE 1:24,000  
CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC DATUM OF 1929



ROAD CLASSIFICATION  
Light duty Unimproved dirt

SHANNON DRAW, N. MEX.  
H3345-W10427-5/7.5  
1982  
PHOTOGRAPHICALLY CORRECTED  
DMA 5151 IV SW-SERIES 1981

THIS MAP CONFORMS WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

*New Mexico Office of the State Engineer*  
**Well Reports and Downloads**

Township: 05S Range: 24E Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic  
☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

**AVERAGE DEPTH OF WATER REPORT 03/11/2005**

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
FS	05S	24E	21				1	18	18	18
FS	05S	24E	22				1	380	380	380
FS	05S	24E	36				1	490	490	490

Record Count: 3