

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 ☐

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

Operator: Yates Drilling Company Telephone: 505-748-4500 e-mail address: mikes@ypcnm.com  
Address: 105 South 4<sup>th</sup> Street, Artesia, N.M. 88210  
Facility or well name: Spurck 16 State #4 API #: 30-015-33702 U/L or Qtr/Qtr D Sec 16 T 17S R 28E  
County: Eddy Latitude 32.8393 Longitude 104.18823 NAD: 1927 ☒ 1983 ☐  
Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

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OCT 19 2005

OOD-ARTESIA

**Pit**

Type: Drilling ☒ Production ☐ Disposal ☐  
Work over ☐ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☒ Thickness 12 mil Clay ☐  
Pit Volume 20,000 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) XXXX |
| 100 feet or more                        | ( 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 | (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)**

**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 ☒ 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 drilling pit. 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 ☒, or an (attached) alternative OCD-approved plan ☐.

Date: 10/17/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

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.

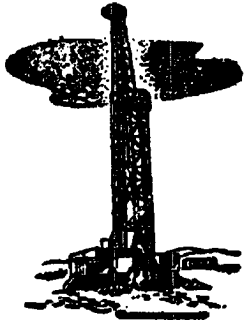
Approval:

**Field Supervisor**

Printed Name/Title \_\_\_\_\_

Signature 

Date: OCT 19 2005



# YATES DRILLING COMPANY

105 SOUTH FOURTH STREET • ARTESIA, NEW MEXICO 88210

(505) 748-8440 • FAX (505) 748-8470

EMAIL: ydc1@qwest.net

PEYTON YATES  
PRESIDENT

S. P. YATES  
VICE PRESIDENT

RANDY G. PATTERSON  
SECRETARY

DENNIS G. KINSEY  
TREASURER

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OCT 19 2005

OCD-ARTESIA

October 17, 2005

Mr. Tim Gum  
Oil Conservation Division  
1301 West Grand Avenue  
Artesia, NM 88210

Dear Mr. Gum:

Yates Petroleum Corporation respectfully requests a six month extension of time be allowed to accomplish closure of the following drilling pit:

| WELL NAME         | API NUMBER   | SEC-TWN-RNG |
|-------------------|--------------|-------------|
| Spurck 16 State 4 | 30-015-33702 | 16 17S 28E  |

The extension is needed due to waiting on equipment for closure.

Your attention to this matter is appreciated. Should you have any questions, you may contact me at 505-748-4500.

Sincerely,

*Mike Stubblefield*

Mike Stubblefield  
Reclamation Agent

*Extension Granted*

*[Signature]*

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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: <u>Yates Drilling Company</u> Telephone: <u>505-748-4500</u> e-mail address: <u>mikes@ypcnm.com</u>  |   |   |
| Address: <u>105 South 4<sup>th</sup> Street, Artesia, N.M. 88210</u>   |   |   |
| Facility or well name: <u>Spurck 16 State #4</u> API #: <u>30-015-33702</u> U/L or Qtr/Qtr <u>D</u> Sec <u>16</u> T <u>17S</u> R <u>28E</u>  |   |   |
| County: <u>Eddy</u> Latitude <u>32.8393</u> Longitude <u>104.18823</u> NAD: 1927 <input checked="" type="checkbox"/> 1983 <input type="checkbox"/>   |   |   |
| Surface Owner: Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input type="checkbox"/> Indian <input type="checkbox"/>   |   |   |
| <b>Pit</b><br>Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/><br>Work over <input type="checkbox"/> Emergency <input type="checkbox"/><br>Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/><br>Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/><br>Pit Volume <u>20,000</u> bbl | <b>Below-grade tank</b><br>Volume: _____ bbl Type of fluid: _____<br>Construction material: _____<br>Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not.<br>_____ | <b>RECEIVED</b><br><b>OCT 19 2005</b><br><b>OCC-ARTESIA</b> |
| Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)   | Less than 50 feet (20 points)<br>50 feet or more, but less than 100 feet (10 points) XXXX<br>100 feet or more (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 (20 points)<br>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)<br>200 feet or more, but less than 1000 feet (10 points)<br>1000 feet or more (0 points) XXXX  |   |
| <b>Ranking Score (Total Points)</b><br><b>10 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 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.  
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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

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Date: 10/17/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

Signature 

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Approval:

**Field Supervisor**

Printed Name/Title \_\_\_\_\_

Signature \_\_\_\_\_

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Work over ☐ Emergency ☐  
Lined ☒ Unlined ☐  
Liner type: Synthetic ☒ Thickness 12 mil Clay ☐  
Pit Volume 20,000 bbl

**Below-grade tank**

Volume: \_\_\_\_\_ bbl Type of fluid: \_\_\_\_\_  
Construction material: \_\_\_\_\_  
Double-walled, with leak detection? Yes ☐ If not, explain why not.  
\_\_\_\_\_

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Approval:

**Field Supervisor**

Printed Name/Title \_\_\_\_\_

Signature 

Date: OCT 19 2005

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

Township: 17S Range: 28E 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

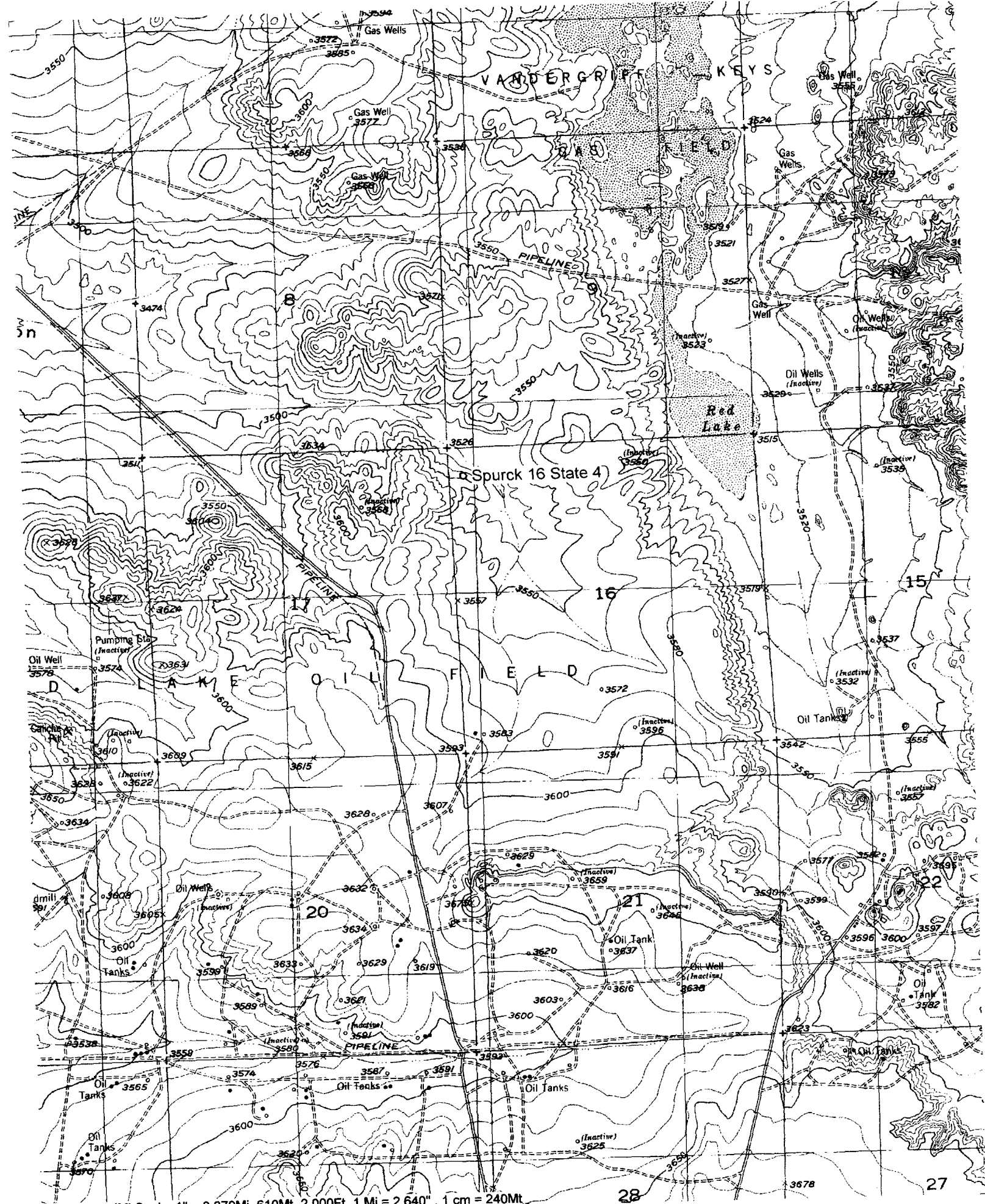
WATERS Menu

Help

**AVERAGE DEPTH OF WATER REPORT 10/17/2005**

| Bsn | Tws | Rng | Sec | Zone | X | Y | Wells | (Depth Water in Feet) |     |     |
|-----|-----|-----|-----|------|---|---|-------|-----------------------|-----|-----|
|     |     |     |     |      |   |   |       | Min                   | Max | Avg |
| L   | 17S | 28E | 34  |      |   |   | 1     | 53                    | 53  | 53  |

Record Count: 1



Red Lake, NM Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640" , 1 cm = 240Mt.