

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 Petroleum Corporation Telephone: 505-748-4500 e-mail address: mikes@vpcnm.com

Address: 105 South 4th Street, Artesia, N.M. 88210

Facility or well name: Humidor State Unit 2 API #: 30-015-23221 U/L or Qtr/Qtr J Sec 26 T 24S R 27E

County: Eddy Latitude: 32.18621 Longitude: 104.15876 NAD: 1927 ☒ 1983 ☐

Surface Owner: Federal ☐ State ☒ Private ☐ Indian ☐

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OCD-ARTESIA

Pit

Type: Drilling ☒ Production ☐ Disposal ☐

Work over ☐ Emergency ☐

Lined ☒ 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

50 feet or more, but less than 100 feet

100 feet or more

(20 points) XXXX

(10 points)

(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)

20 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. An encapsulation trench will be constructed and lined with 12 mil synthetic liner next to existing drilling pit. The drilling pit contents will be excavated and emplaced into the encapsulation trench using a mixture of three to one pit material and Class H bulk cement or CKD. The emulsion of pit material and cement will be mixed using a track hoe and water added if needed. After completion of solidifying pit material in cement and pit contents have set in place for a minimum of 24 hours, the encapsulation trench will then be capped using a 20 mil synthetic liner and backfilled to grade using a minimum of 3' of like material and clean soil. A one call and 48 hour notification to OCD will be made before pit closure action begins. Beginning pit closure date: N/A. Ending pit closure date: N/A

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: 10/10/2005

Printed Name/Title Mike Stubblefield / Regulatory Agent

Signature



THIS FORM CANNOT BE
PROCESSED DUE TO LACK
OF INFORMATION. PLEASE
SEE HIGHLIGHTED AREA
AND/OR NOTED PROBLEM.

Please see attached
stipulations and/or
requirements:



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Mark E. Fesmire, P.E.

Director

Oil Conservation Division

MINIMUM REQUIREMENTS FOR SOLIDIFICATION

1. A diagram of where the deep trench(s) will be located must be provided along with application for closure.
2. A detailed work plan of how the cuttings will be solidified must be provided. This plan must be provided along with application for closure. Include in plan:
 - a. How the cuttings will be mixed or stirred.
 - b. Solidification agent to be used.
 - c. What the solidification/pit content ratio will be. How will the ratio be monitored?
 - d. Fluids to be introduced, if any.
 - e. Quality control measures.
3. A minimum of three representative samples must be taken from pit contents prior to any work. These samples must be stored in a closed container.
4. Each stage or section being mixed must be sampled in the following manner prior to transferring the slurry to the deep trench:
 - a. One sample of the slurry must be taken at the beginning of the transference and stored in a closed container.
 - b. One sample of the slurry must be taken at the beginning of the transference and stored in an open container.
 - c. One sample of the slurry must be taken at the end of the transference and stored in a closed container.
 - d. One sample of the slurry must be taken at the end of the transference and stored in an open container.
5. All samples must be stored in environmentally approved containers.
6. All samples along with associated paperwork must be delivered to the OCD District II office located in Artesia at 1301 West Grand Ave. within three days of closure.
7. Additional sampling may be required on specific sites. This will be determined on a case-by-case basis.