

District I
1625 N. French Dr., Hobbs, NM 88241
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
S Oil Conservation Division
220 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

SEP 14 2007
OCD-ARTESIA

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@ypcnm.com

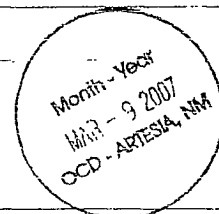
Address: 105 South 4th Street, Artesia, NM 88210

Facility or well name Glow Worm ALX Federal #13 API # 30-015-35315 111 or Oil/Oil B. Sec. 4 T. 23S R. 31E

County Eddy Latitude 32.33978 Longitude 103.78074 NAD 1927 ☒ 1983 ☐

Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

30-015-35315



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)
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 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. An 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 minimum of a 3' over lap of the underlying trench areas. The encapsulation trench will then be backfilled to grade using a minimum of 3' of clean soil and like material. A one call and 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 03/17/2007

Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent

Signature Mike Stubblefield

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

Jim W. Brown
District II Supervisor

Signature

Date

3/13/07

PIT CLOSURE FINAL
DATE 3/5/2007

(E)

MARTIN YATES III
1912 - 1955
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210-2118
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

I certify that on 7/24/2007, tests were conducted on soil samples from the

30-015-35315 U1-B 4-235-31C Glow Worm ALK Federal #13

* Soil samples tested were a 5 spot composite sample taken from 19' depth in bottom of the encapsulation trench.

Following are the results of those tests.

EPA Method 9074, TPH 0 ppm

EPA Method 9253 113 ppm. C.L.

PID Meter, BTEX 0 ppm

All testing was done at Yates Petroleum Corporation or on location.

Respectfully,

Mike Stubblefield

Mike Stubblefield
Environmental Regulatory Agent

MARTIN YATES III
1912 - 1935
FRANK W. YATES
1936 - 1956



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TREASURER

I certify that on 7/30/2007, tests were conducted on soil samples from the

30-015-35315 UT. B 4-235-31C Glow Worm ALX Federal #13

* Soil samples tested were a 5 spot composite sample taken from a 12' depth in
bottom of cleaned out drilling pit.

Following are the results of those tests.

EPA Method 9074, TPH SE corner - 17 ppm NE corner - 0 ppm
SW corner - 0 ppm NW corner - 0 ppm

EPA Method 9253 SE corner - 992 ppm CL NE corner - 20 ppm CL
SW corner - 992 ppm CL NW corner - 212 ppm CL

PID Meter, BTEX SE corner - 0 ppm NE corner - 0 ppm
SW corner - 0 ppm NW corner - 0 ppm

All testing was done at Yates Petroleum Corporation or on location.

Respectfully,

Mike Stubblefield

Mike Stubblefield
Environmental Regulatory Agent