

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 ☒

MAR 07 2008

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Operator Yates Petroleum Corporation Telephone 505-748-4500 e-mail address nukes@ypcorp.com

OCD-ARTESIA

Address 105 South 4th Street Artesia NM 88210

Facility or well name Glow Worm ALX Federal #12 API # 30-015-35314 U/I or Qtr/Qtr D Sec 3 T 23S R 31E

County Eddy Latitude 32.33976 Longitude 103.77267 NAD 1927 ☒ 1983 ☐

DEC 20 2007

Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

OCD-ARTESIA

Pit Type Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Work over <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Pit Volume 20,000 bbl	Below-grade tank Volume _____ bbl Type of fluid _____ Construction material _____ Double-walled with leak detection? Yes <input type="checkbox"/> 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 Registration for encapsulation trench The drilling pit contents will be mixed to stiffen the pit contents. A 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

TRENCH BURY

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 12/17/2007

Printed Name/Title Mike Stubblefield / Environmental 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

Signed By

Mike Stubblefield

Signature

Date

DEC 20 2007

Samples are to be obtained from Pit area and analysis submitted to NMOCD prior to back-filling. NOTIFY NMOCD 24 HOURS PRIOR TO OBTAINING SAMPLES.

If burial trench is to be constructed in pit area, samples are to be obtained and analyses submitted to OCD PRIOR to lining trench.

Accepted for record
NMOCD
MAR 11 2008

PIT CLOSURE FINAL
DATE 2/15/2008

I certify that on 02/8/2008 tests were conducted on soil samples from the
 Following are the results of those tests:
Glow Worm ALX Federal #12.

SAMPLE POINT	TPH (EPA Method 9074)	CHLORIDES (EPA Method 9253)	BTEX (PID Meter)
NW corner drilling pit surface 8' depth 16' depth	146 ppm	1701 ppm 638 ppm	0 ppm
NE corner drilling pit Surface 8' depth 16' depth	60 ppm	567 ppm 70 ppm	0 ppm
SE corner drilling pit Surface 8' depth 16' depth	57 ppm	3119 ppm 141 ppm	0 ppm
SW corner drilling pit Surface 8' depth 16' depth	60 ppm	1489 ppm 425 ppm	0 ppm

ALL RESULTS ARE PPM

Memo note; Soil samples taken for the 8' depth were from the bottom of the
 cleaned out drilling pit area. Vertical delineation was the maximum with
 equipment on location.

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

Respectfully,

Copy file
 Mike Stubblefield
 Environmental Regulatory Agent

*2/11/2008 ocd/mike Bretzler instructed Mike Stubblefield to place a
 20 mil. liner over the SE corner drilling pit.*