

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
1274 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 NMOC 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 ☒

JUN 23 2008

OCD-ARTESIA

Operator Yates Petroleum Corporation Telephone 505-748-4500 e-mail address nmkes@yepco.com

Address 105 South 4th Street, ARTESIA, NM 88210

Facility or well name Swisher BJE State #1 API # 36-015-34966 1/1 or 2/1 or 3/1 Sec 34 T 24S R 27E

County Eddy Latitude 37.16818 Longitude 104.18441 NAD 1927 ☒ 1983 ☐

Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

APR 23 2008

OCD-ARTESIA

Pit	Below-grade tank
Type: Drilling ☒ Production ☐ Disposal ☐ Work over ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness <u>12 mil</u> Clay ☐ Pit Volume <u>24,000</u> bbl	Volume <u> </u> bbl Type of fluid <u> </u> Construction material <u> </u> Double-walled, with leak detection? Yes ☐ If not, explain why not: <u> </u>
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. 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' cover lap of the underlying trench areas. The encapsulation trench will then be backfilled to grade using a minimum of 3' of clean sand 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 Closing 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 NMOCB guidelines ☐ a general permit ☒ or an (attached) alternative OCD-approved plan ☐.

Date 04/14/2008

Printed Name/Title Mike Stubblefield / Environmental Regulatory Agent

Signature Mike Stubblefield

Your certification and NMOCB 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

NOTIFY OCD 24 HOURS PRIOR to beginning closure and 24 HOURS PRIOR to obtaining samples. Samples are to be obtained from pit area and analyses

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

APR 23 2008
PIT CLOSURE FINAL
DATE 6/20/2008

Accepted for record
NMOCB

I certify that on 6/13/2008 tests were conducted on soil samples from the Swisher BJE State #1 Following are the results of those tests:

SAMPLE POINT	TPH (EPA Method 9074)	CHLORIDES (EPA Method 9253)	BTEX (PID Meter)
NW corner Cleaned out drilling pit bottom. 9' depth 11' depth	49 ppm	70' ppm 113 ppm	26 ppm
NE corner cleaned out drilling pit bottom. 8' depth 14' depth	104 ppm	283 ppm 311 ppm	33 ppm
SE corner cleaned out drilling pit bottom. 6' depth 12' depth	55 ppm	4736 ppm 141 ppm	25 ppm
SW corner cleaned out drilling pit bottom. 6' depth 14' depth	65 ppm	623 ppm 141 ppm	33 ppm
Middle drilling pit 9' depth 14' depth	20 ppm	4963 ppm 3488 ppm	3 ppm

ALL RESULTS ARE PPM

Memo note; Soil samples taken for the 11'-14' 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,

Mike Stubblefield

Mike Stubblefield
Environmental Regulatory Agent

6/13/2008 memo note: NMOC/Mike Bratcher reviewed field test analytical results. Mike Stubblefield was given approval to place a 20 mil. liner into the bottom of the cleaned out drilling pit area on the SE & Middle sections & start backfilling the drilling pit back to grade.