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

JUL 14 2008
OCD-ARTESIA

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 ☒

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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 Rio Miguel BKN State Com #1H API # 30-015-36027 U/L or Qtr/Qtr M Sec 2 T 16S R 29E
County Eddy Latitude 32.94437 Longitude 104.05321 NAD 1927 ☒ 1983 ☐
Surface Owner Federal ☐ State ☒ Private ☐ Indian ☐

MAR 31 2008
OCD-ARTESIA

Pit	Below-grade tank	
Type: Drilling ☒ Production ☐ Disposal ☐ Work over ☐ Emergency ☐ Lined ☒ Unlined ☐ Liner type: Synthetic ☒ Thickness 12 mil Clay ☐ Pit Volume 28,060 bbl	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) (10 points) (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 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)	**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 N/A (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 workplan 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' overlap of the underlying trench liner. 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 03/28/2008
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

Signed By Mike Bratcher Signature Date APR 0 9 2008

Accepted for record NMOCD
JUL 17 2008
PIT CLOSURE FINAL
DATE 2/3/2008.

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 provided to OCD prior to backfilling pit.

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

I certify that on 6/25/2008 tests were conducted on soil samples from the Big Miguel BKN State Com. #1H 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. 7' depth	**112 ppm**	**141 ppm**	**0 ppm**
NE corner cleaned out drilling pit bottom. 7' depth 12' depth	**208 ppm**	**1489 ppm 71 ppm**	**0 ppm**
SE corner cleaned out drilling pit bottom. 7' depth 12' depth	**85 ppm**	**1914 ppm 71 ppm**	**0 ppm**
SW corner cleaned out drilling pit bottom. 7' depth 12' depth	**53 ppm**	**780 ppm 319 ppm**	**0 ppm**
Middle drilling pit 7' depth 12' depth	**130 ppm**	**3332 ppm 88 ppm**	**0 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
Environmental Regulatory Agent

* 6/26/08 NMOCD / Mike Bratcher instructed Mike Stubblefield to either place additional material into the encapsulation trench from middle D.P. or Place a 20 mil capping liner over the Middle D.P. area.