

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

Form C-144  
June 1, 2004



Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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@ypcnm.com

Address 105 South 4<sup>th</sup> Street, Artesia, NM 88210

Facility or well name Glow Worm ALX Federal #11 API # 30-015-35313 U/L or Qtr/Qtr C Sec 3 T 23S R 31E

County Eddy Latitude 32 33973 Longitude 103 76626 NAD 1927 ☒ 1983 ☐

Surface Owner Federal ☒ State ☐ Private ☐ Indian ☐

DEC 20 2007  
OCD-ARTESIA

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 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' 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

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 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.

*New Mexico Office of the State Engineer*  
**POD Reports and Downloads**

GLOW WORM ALX FEDERAL  
# 11

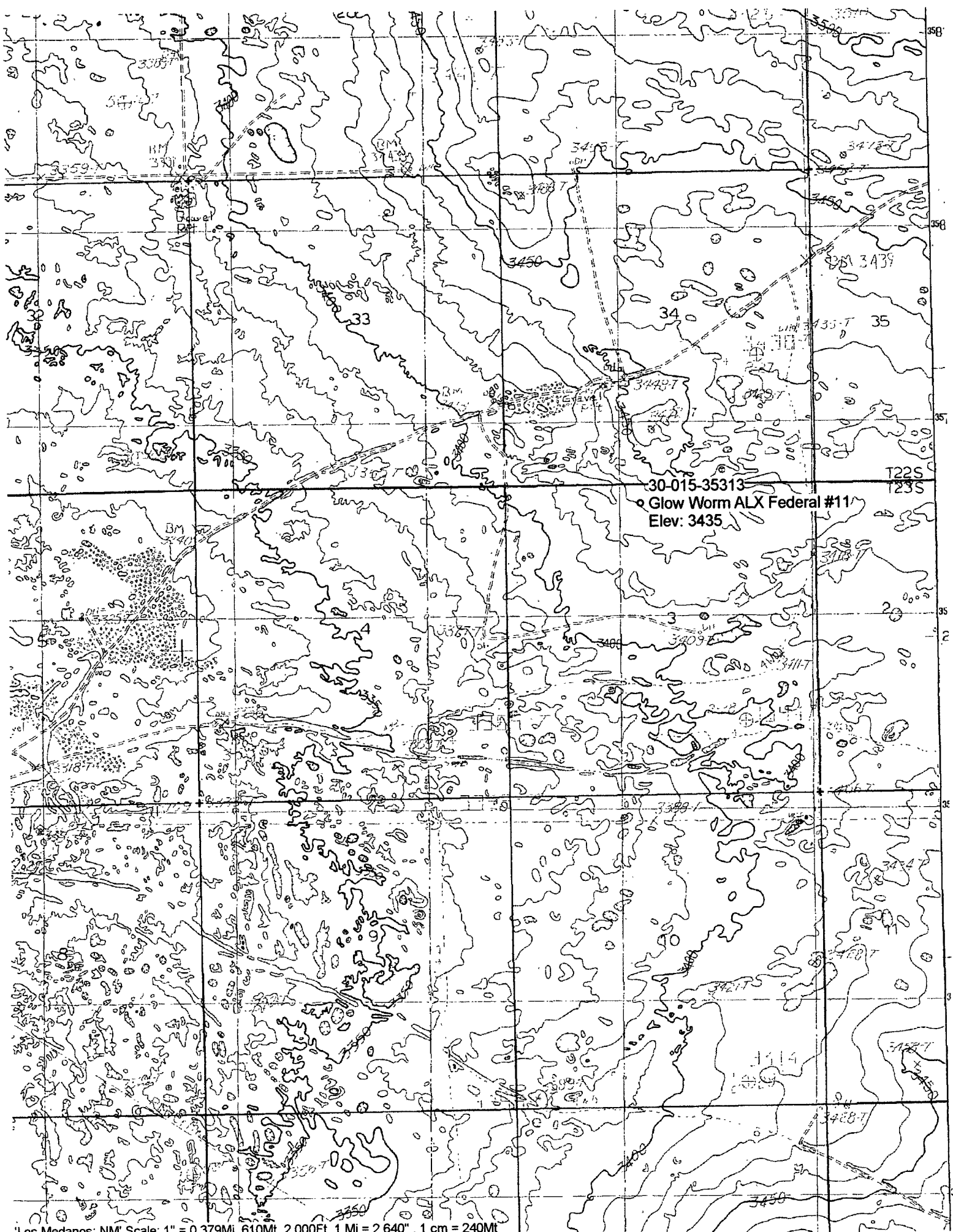
30-015-353B

Township:  Range:  Sections: NAD27 X:  Y:  Zone:  Search Radius: County:  Basin:  Number:  Suffix: Owner Name: (First)  (Last)  ☐ Non-Domestic ☐ Domestic ☒ All**AVERAGE DEPTH OF WATER REPORT 12/17/2007**

(Depth Water in Feet)

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	Min	Max	Avg
C	23S	31E	04				1	168	168	168 ✓
C	23S	31E	05				1	354	354	354
C	23S	31E	06				1	85	85	85

Record Count: 3



'Los Medanos, NM' Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640", 1 cm = 240Mt