

30-025-40990

**MULTI-POINT SURFACE USE AND OPERATIONS PLAN**

**Yates Petroleum Corporation**

Lusk AHB Federal #10H  
150' FNL & 660' FWL Surface Hole Location  
330' FSL and 660' FWL Bottom Hole Location  
Section 35, T-19S-R32-E  
Lea County, New Mexico

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This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

1. EXISTING ROADS:

Exhibit A is a portion of the BLM map showing the well and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 12 miles south of Maljamar, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

Go east of Artesia, New Mexico on Highway 82 to the Junction with Highway 529 which is past Loco Hills. Turn right on HWY 529 and go approximately 7 miles to Maljamar Road. (CR 126). Turn right on Maljamar Road and go approximately 10 miles to Dry Lake road near the Lusk Plant. At Dry Lake Road turn left here at a cattleguard and go east on existing lease road for approx. 2.2 miles to a cattleguard. Cross cattleguard and immediately to the right and go approx. 1.3 miles. Turn left here and go approx. 1.7 miles. Turn south here and go approx. 1 mile. Turn right here and go approx. 200 feet to the Lusk AIB Federal #5 well. From the southwest corner of the Lusk AIB Federal #5 well location the new access road will start here going west for approximately .3 of a mile passing the to the proposed Lusk AIB Federal #7H well location to a two track ranch road. Turn left here on the two track ranch road and go approximately .1 of a mile to an intersection with a pipeline. Turn right here for approx. 100' and then right again on the pipeline right of way. Go west on the pipeline right of way for approximately .2 of a mile. The portion of new road will start here going northwest, northeast, and east for approximately .2 of a mile to the southwest corner of the proposed well location.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will go in a westerly direction for approximately .9 of a mile to the southeast corner of the drilling pad. The road will lie in an east to west to east direction.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. The new road will be bladed with drainage on one side. Traffic turnouts may be built.
- D. The route of the road is visible.
- E. Existing roads will be maintained in the same or better condition.

3. LOCATION OF EXISTING WELL

- A. There is drilling activity within a one-mile radius of the wellsite.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed wellsite.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. There are production facilities on this lease at the present time.
- B. In the event that the well is productive, the production will be taken via pipeline to the Lusk AIB Federal #1 tank battery. The pipeline will be a 3" surface SDR-11 poly pipeline. The length of the pipeline is not available at this time. Should electric power be needed for production a three phase 480 volt above ground raptor proof powerline will be built from the southeast corner of this well east to the powerline located at the Lusk AIB Federal #1 well location. Please note attached plat showing a possible for the flowline and the powerline.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS:

Dirt contractor will locate closest pit and obtain any permits and materials needed for construction of the well location.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. This well will be drilled with a closed loop system
- B. The closed loop system will be constructed, maintained, and closed in compliance with the State of New Mexico, Energy and Natural Resources Department, Oil Conservation Division – the "Pit Rule" 19.15.17 NMAC.
- C. Drilling fluids will be removed after drilling and completions are completed.
- D. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted.
- E. Oil produced during operations will be stored in tanks until sold.
- F. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- G. All trash, junk, and other waste materials will be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not approved.

8. ANCILLARY FACILITIES: None

9. WELLSITE LAYOUT:

- A. Exhibit C shows the relative location and dimensions of the well pad, location of the drilling equipment, pulling unit orientation and access road approach. The closed loop system will be constructed, maintained, and closed in compliance with the State of New Mexico, Energy and Natural Resources Department, Oil Conservation Division – the "Pit Rule" 19.15.17 NMAC.
- B. A 600' x 600' area has been staked and flagged.

10. PLANS FOR RESTORATION

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.

- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and been leveled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management will be complied with and will be accomplished as expeditiously as possible.

11. SURFACE OWNERSHIP:

Surface Estate Bureau of Land Management  
620 East Greene Street, Carlsbad, NM 88220.

Mineral Estate: Bureau of Land Management  
620 East Greene Street, Carlsbad, NM 88220

12. OTHER INFORMATION:

- A. Topography: Refer to the existing archaeological report for a description of the topography, flora, fauna, soil characteristics, dwellings, historical and cultural sites.
- B. The primary surface use is for grazing.

13. OPERATOR'S REPRESENTATIVE

Through A.P.D. Approval:  
Cy Cowan  
Land Regulatory Agent  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Phone (505) 748-4372

Through Drilling Operations,  
Tim Bussell,  
Operations Manager  
Yates Petroleum Corporation  
105 South Fourth Street  
Artesia, New Mexico 88210  
Phone (505) 748-1471

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CERTIFICATION  
YATES PETROLEUM CORPORATION  
Lusk AHB Federal #10H

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; and an someone under employment of Yates Petroleum Corporation has full knowledge of state and federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

Executed this 3rd day of August 2011

Signature 

Name Cy Cowan

Position Title Land Regulatory Agent

Address 105 South Fourth Street, Artesia, New Mexico 88210

Telephone (505) 748-4372

Field Representative (if not above signatory) Tim Bussell, Drilling Supervisor

Address (if different from above) Same as above.

Telephone (if different from above) (505) 748-4221

E-mail (optional) 575



LUSK "AHB" FEDERAL #10H  
 Located 150' FNL and 660' FWL  
 Section 35, Township 19 South, Range 32 East,  
 N.M.P.M., Lea County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

W.O. Number: JMS 24045

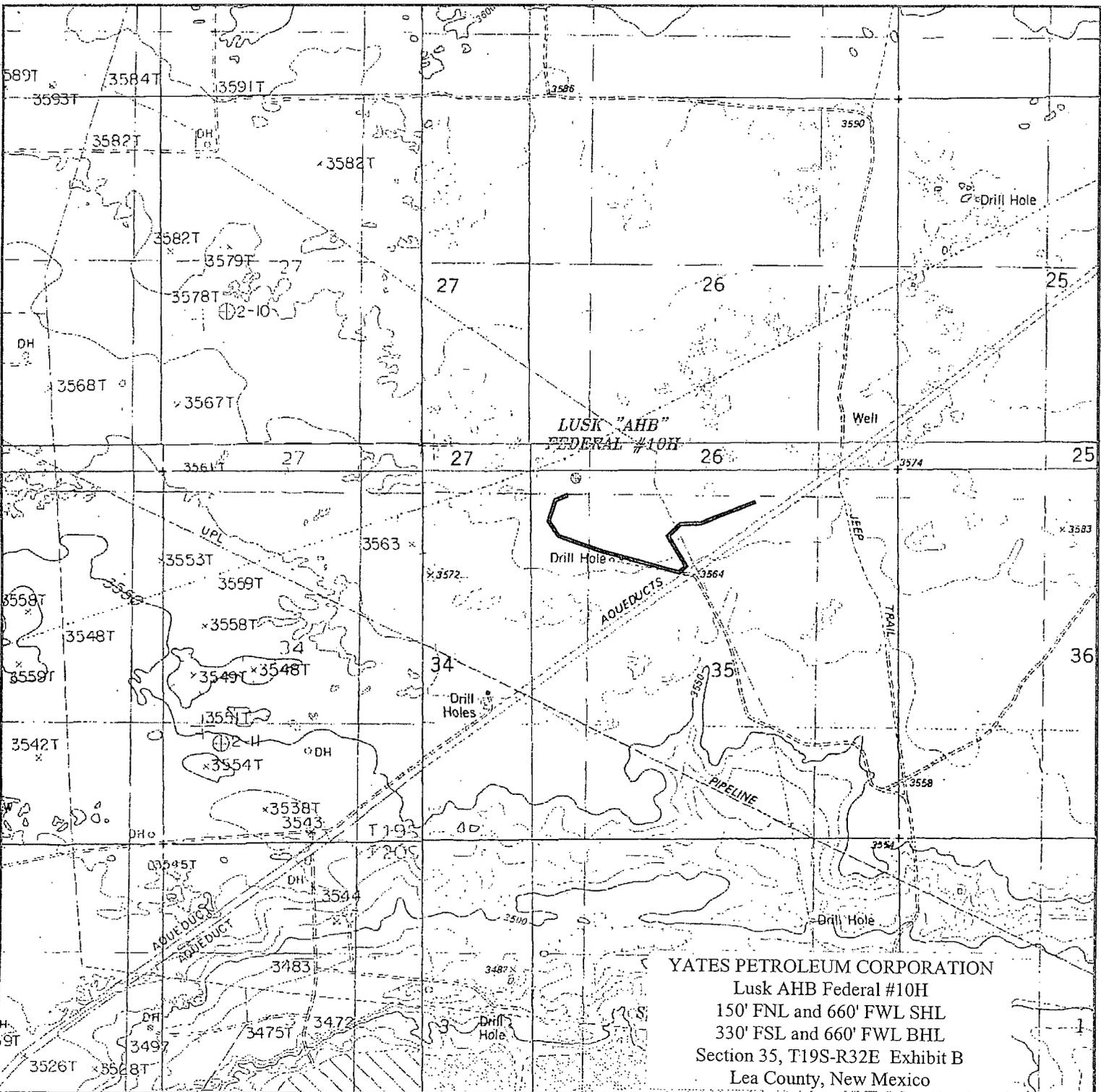
Survey Date: 04-18-2011

Scale: 1" = 2 Miles

Date: 05-02-2011

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YATES PETROLEUM CORPORATION  
 Lusk AHB Federal #10H  
 150' FNL and 660' FWL SHL  
 330' FSL and 660' FWL BHL  
 Section 35, T19S-R32E Exhibit B  
 Lea County, New Mexico

LUSK "AHB" FEDERAL #10H  
 Located 150' FNL and 660' FWL  
 Section 35, Township 19 South, Range 32 East,  
 N.M.P.M., Lea County, New Mexico.



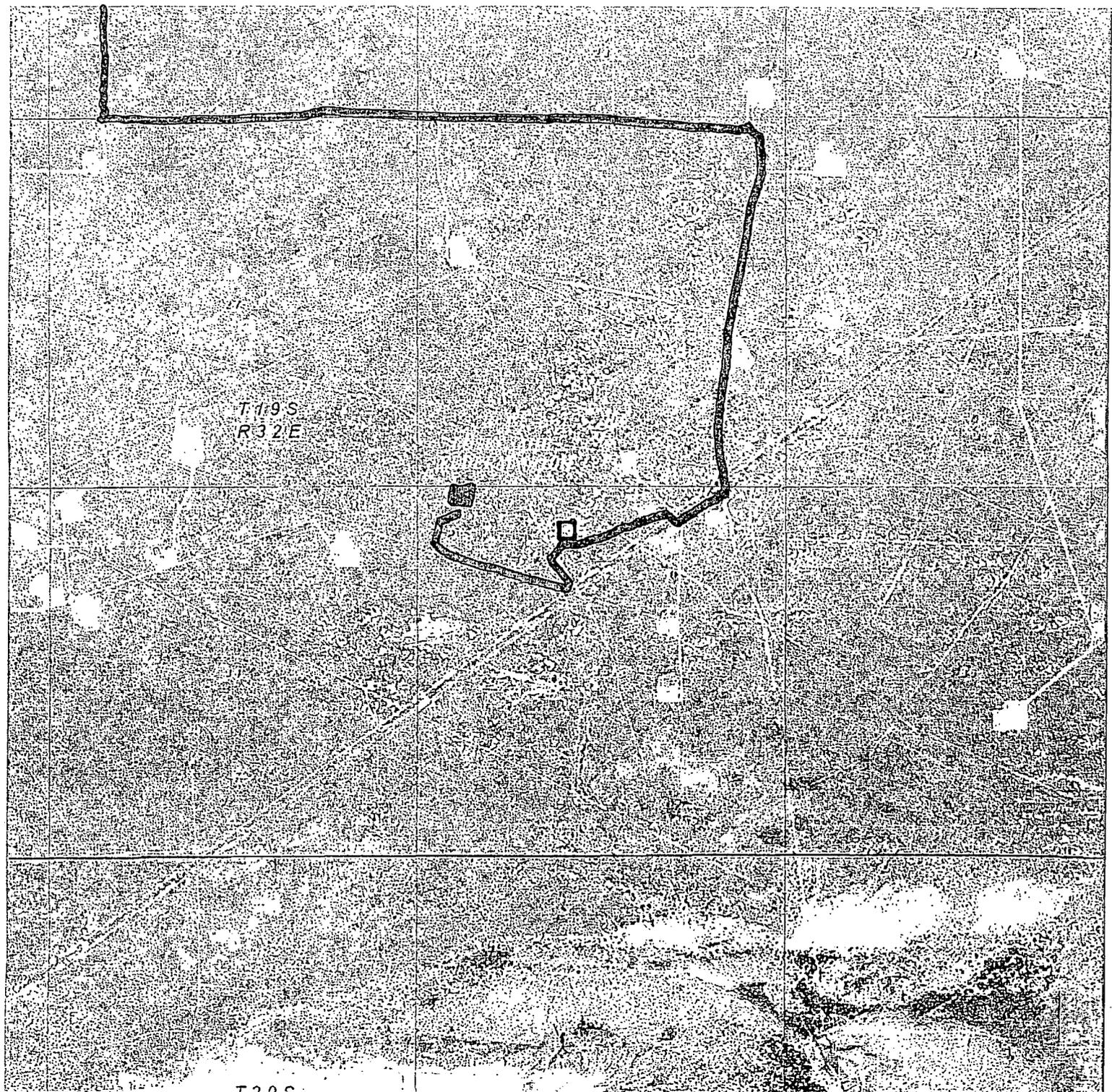
P.O. Box 1786  
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 Hobbs, New Mexico 88241  
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 (575) 392-2206 - Fax  
 basinsurveys.com

W.O. Number: JMS 24045  
 Survey Date: 04-18-2011  
 Scale: 1" = 2000'  
 Date: 05-02-2011



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**LUS** YATES PETROLEUM CORPORATION **H**  
**Loc:** Lusk AHB Federal #10H  
**Sec:** 150' FNL and 660' FWL SHL  
**N.M** 330' FSL and 660' FWL BHL  
 Section 35, T19S-R32E Exhibit A  
 Lea County, New Mexico

**0' FWL**  
**South, Range 32 East,**  
**N Mexico.**



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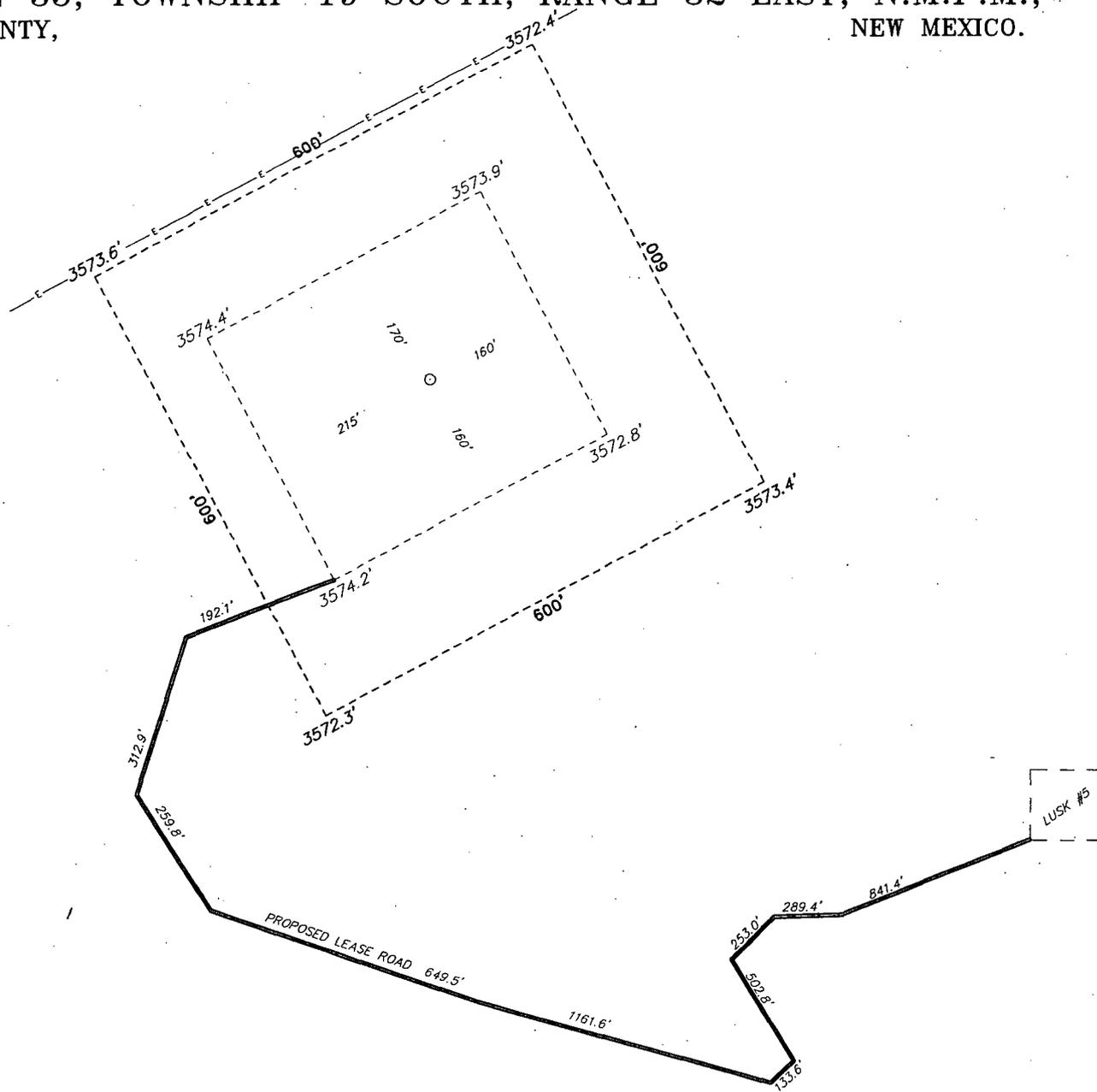
W.O. Number: JMS 24045

Scale: 1" = 2000'

YELLOW TINT - USA LAND  
 BLUE TINT - STATE LAND  
 NATURAL COLOR - FEE LAND

**YATES**  
**PETROLEUM**  
**CORP.**

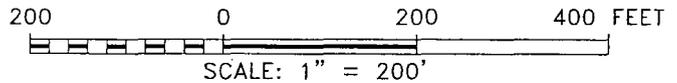
SECTION 35, TOWNSHIP 19 SOUTH, RANGE 32 EAST, N.M.P.M.,  
LEA COUNTY, NEW MEXICO.



YATES PETROLEUM CORP.  
LUSK "AHB" FEDERAL #10H  
ELEV. - 3574'

Lat - N 32°37'25.31"  
Long - W 103°44'35.85"  
NMSPC - N 591135.861  
E 722995.963  
(NAD-83)

YATES PETROLEUM CORPORATION  
Lusk AHB Federal #10H  
150' FNL and 660' FWL SHL  
330' FSL and 660' FWL BHL  
Section 35, T19S-R32E Exhibit C  
Lea County, New Mexico



**YATES PETROLEUM CORP.**

REF: LUSK "AHB" FEDERAL #10H / WELL PAD TOPO

THE LUSK "AHB" FEDERAL #10H LOCATED 150'  
FROM THE NORTH LINE AND 660' FROM THE WEST LINE OF  
SECTION 35, TOWNSHIP 19 SOUTH, RANGE 32 EAST,  
N.M.P.M., LEA COUNTY, NEW MEXICO.

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 24045 Drawn By: J. SMALL

Date: 05-02-2011 Disk: JMS 24045 Survey Date: 04-18-2011 Sheet 1 of 1 Sheets

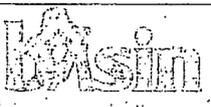
T. 19 S  
R. 32 E



LUSK AHB  
Fed #1

Possible route for  
Flowline AND Powerline  
for Lusk AHB Fed #10H

LUSK "AHB" FEDERAL #10H  
Located 150' FNL and 660' FWL  
Section 35, Township 19 South, Range 32 East,  
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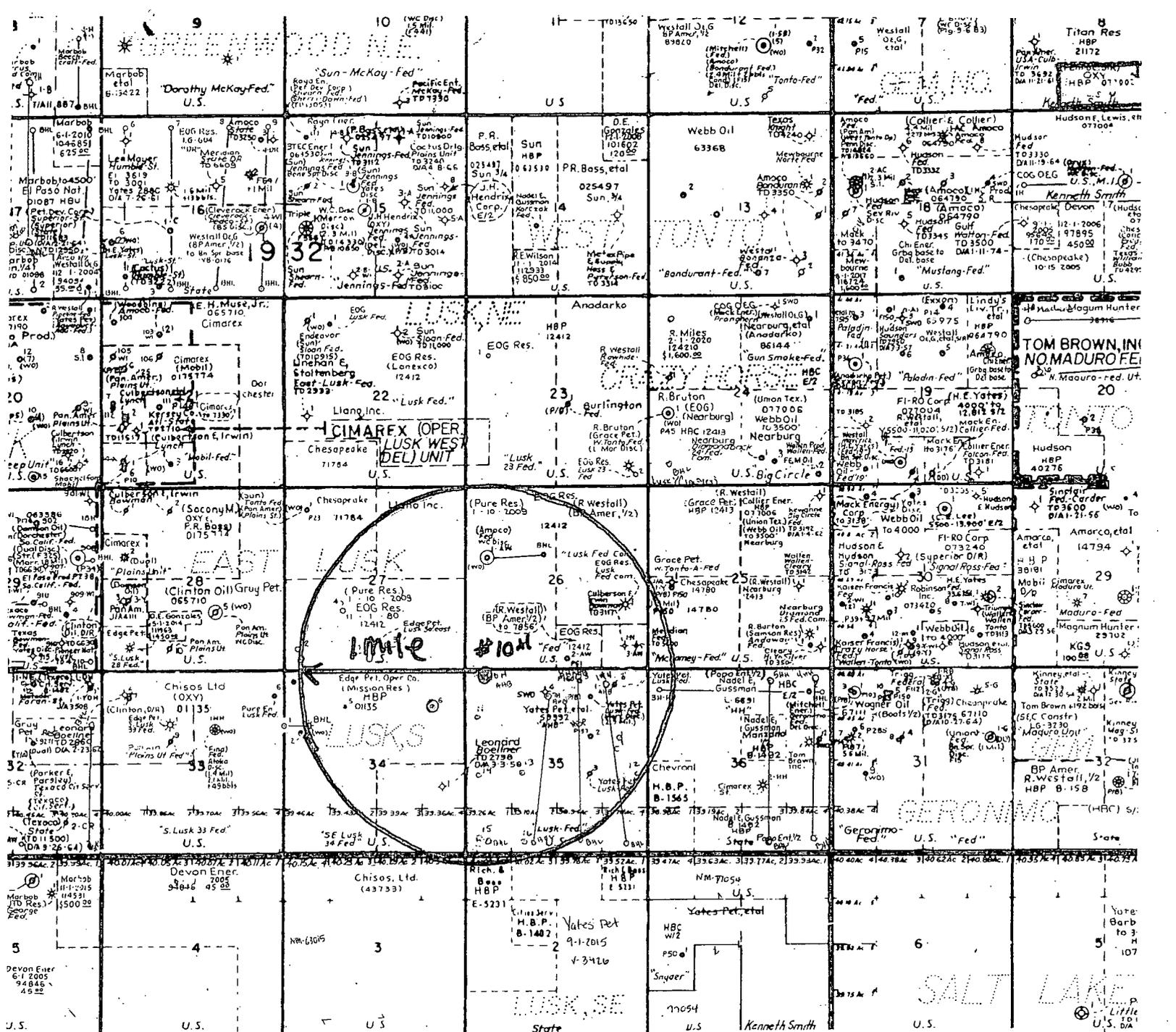
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 Lusk AHB Federal #10H  
 150' FNL and 660' FWL SHL  
 330' FSL and 660' FWL BHL  
 Section 35, T19S-R32E Exhibit H  
 Lea County, New Mexico

HALF WAY  
 Code H Merrill  
 14 1317

YATES-SEV. RI  
 ESAPEAKE (C)

