

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

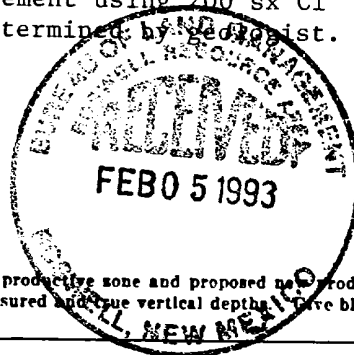
1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-58803	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR TOPAT OIL CORPORATION		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 505 N. BIG SPRING ST - STE 204- MIDLAND TEXAS 79701		8. FARM OR LEASE NAME PATRICIA FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*) At surface 890' FWL, 2310' FSL At proposed prod. zone		9. WELL NO. # 2	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 MILES EAST OF ROSWELL, NEW MEXICO		10. FIELD AND POOL, OR WILDCAT COYOTE QUEEN	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 890' LSE LINE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 20, T-11-S, R-27-E	
16. NO. OF ACRES IN LEASE 691.15		12. COUNTY OR PARISH CHAVES	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40		13. STATE NEW MEXICO	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 890'		20. ROTARY OR CABLE TOOLS ROTARY (AIR)	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3677 62		22. APPROX. DATE WORK WILL START*	

PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
6-1/4"	4-1/2"	10.5#	J-55	ST&C	900	250 sx Cl "C"
11"	7"	17"			200	Cmt to surface

1. Stake location, perform archeological survey and BLM approval on location and access to same, dig pits as outlined in attached drilling plan.
2. Move in rotary rig - according to attached drilling plan.
3. Drill 11" hole to 200', cmt 200' of 7" csg, cmt will be circulated, drill 6-1/4" hole to 900'; then set 900' 4-1/2" 10.5# casing and cement using 200 sx Cl "C".
4. Log well with GRN and perforate Queen formation as determined by geologist.
5. Frac with 45,000# sand and 24,000 gls gelled KCL.
6. Put well on production.

POST 10-1  
3-5-93  
NEWARK 4-1-91



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Have blowout preventer program, if any.

24. SIGNED James E. Skunk TITLE President DATE Feb 03 1993  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY Chris [Signature] TITLE Acting Area Mgr DATE 2/19/93  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

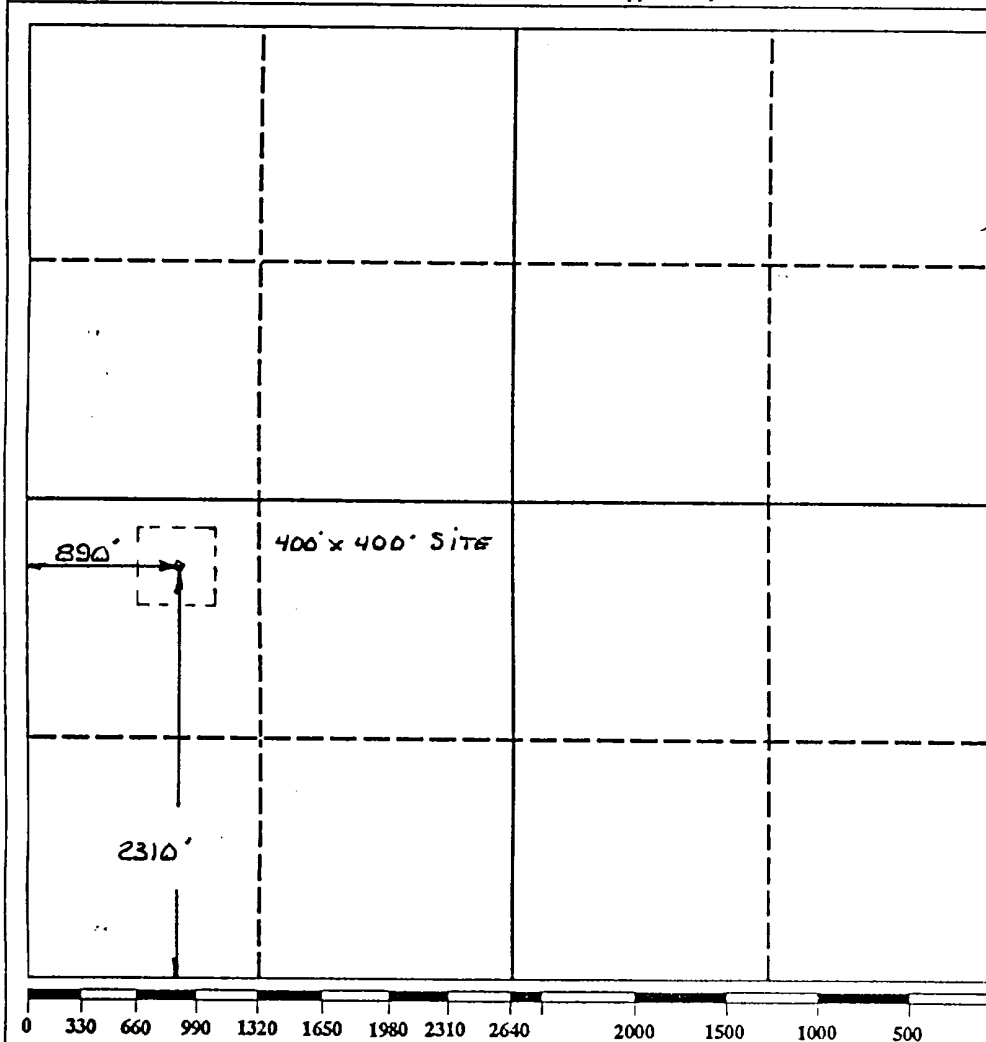
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator TOPAT OIL CO.			Lease PATRICIA FEDERAL		Well No. 2
Unit Letter L	Section 20	Township 11 - South	Range 27 - East	County Chaves	
Actual Footage Location of Well: 890 feet from the West line and 2310 feet from the South line					
Ground level Elev. 3677	Producing Formation		Pool	Dedicated Acreage: Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

PRESIDENT

Position

TOPAT OIL CORPORATION

Company

FEBRUARY 11, 1993

Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

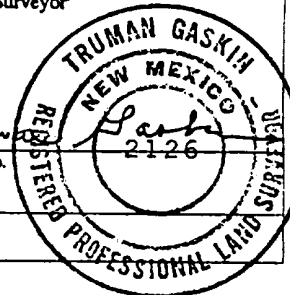
Date Surveyed

2-05-93

Signature & Seal of  
Professional Surveyor

Certificate No.

2126



RECEIVED FEB 11 1993

PERTINENT INFORMATION

FOR

TOPAT OIL CORPORATION

#2 Patricia Federal  
890' FWL & 2310' FSL Section 20, T11S, R27E,  
Chaves County, New Mexico

NM-58803

<u>LOCATED:</u>	15 miles east of Roswell, New Mexico
<u>FEDERAL LEASE NUMBER:</u>	NM-58803
<u>LEASE:</u>	Held by Production
<u>ACRES IN LEASE:</u>	600 acres
<u>RECORD LESSEE:</u>	Marathon Oil Co.
<u>BOND COVERAGE:</u>	Federal Bond # B03535
<u>AUTHORITY TO OPERATE:</u>	Operating Agreement
<u>MINERAL OWNERSHIP:</u>	Public
<u>GRAVING PERMITTEE:</u>	LA Ranch Partnership Auto Rd. East Roswell, New Mexico 88210
<u>POOL RULES:</u>	Coyote (Queen) 20 acres
<u>EXHIBITS:</u>	A. Road and Contour Map B. Lease and Well Maps C. Map into lease from NM State Hwy 380 D. Pit diagram E. BOP diagram



## MULTI-POINT SURFACE USE AND OPERATIONS PLAN

### TOPAT OIL CORPORATION

#2 Patricia Federal  
890' FWL & 2310' FSL Section 20, T11S, R27E,  
Chaves County, New Mexico

NM-58803

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

#### 1. EXISTING ROADS:

- A. Exhibit "A" is a portion of a road map showing the location of the well. The well is approximately 15 miles east of Roswell, New Mexico.
- B. Directions: See Exhibit "B".
- C. Surface Use Plan: All existing areas roads will be maintained in as good as condition as found presently.

#### 2. PLANNED ACCESS ROAD:

- A. Length and Width: Approximately 1000' of existing road will be built.
- B. Surfacing Material: No surface material will be needed.
- C. Maximum Grade: N/A
- D. Turnouts: Since the road is essentially flat, no traffic turnouts are necessary.

E. Drainage Design: As needed.

F. Culverts: None necessary.

3. LOCATION OF EXISTING WELLS:

A. This is the 2nd well on this lease, the Patricia #1 is located 890' to the East of this well.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

A. If the well is productive, production, storage and measurement facilities will be utilized along with the Patricia # 1 well. This tank battery is located 1320' due East of the Patricia # 1 well.

5. LOCATION AND TYPE OF WATER SUPPLY:

A. Water for drilling operations will be purchased from a commercial water hauler.

B. If fresh water is required it will be purchased from Jim's Water Service, Roswell, New Mexico and obtained from the L L & E water station, Permit W-642, Sec 28, T-9-S, R-27-E.

6. SOURCE OF CONSTRUCTION MATERIALS:

A. It is planned to use material-in-place for construction. If necessary, caliche for surfacing the road and pad will be obtained locally. No caliche will be taken from Public land without prior approval.

7. METHODS OF HANDLING WASTE DISPOSAL:

A. Drilling and workover fluids will be allowed to evaporate in the drilling pits until the pit is dry.

B. Water produced during test will be disposed of in the workover pit. Oil produced during test will be stored in test tanks until sold.

C. Current laws and regulations pertaining to the disposal of human waste will be complied with.

D. All trash and debris will be removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

A. None necessary

9. WELL SITE LAYOUT:

A. The wellsite has been surveyed as per attached plat.

B. Dimensions and relative location of the drill pad, pit and equipment are shown on the attached diagram.

10. PLANS FOR RESTORATION OF THE SURFACE:

A. After completion of drilling and/or completion operations, all equipment and other material not needed for operations will be removed. Pits will be filled when dry and the location cleaned of all trash and junk to leave the wellsite in an aesthetically pleasing condition as possible.

B. Any unguarded pits containing fluids will be fenced until they are dry.

C. If the well is non-productive, the disturbed area will be rehabilitated to Federal Agency requirements and will be accomplished as expeditiously as possible.

11. OTHER INFORMATION:

A. Topography: The regional terrain is a rolling alluvial plain sloping to the west toward the Pecos River. The access road is essentially level. The location slopes northwest.

B. Soil: The soil at the wellsite is sandy clay loam with associated gravels.

C. Flora and Fauna: Flora consists of range grasses with some yucca and mesquite. No wildlife was observed. Fauna probably includes reptiles, rodents and various birds.

D. Ponds or Streams: There are no ponds near the wellsite. The Pecos River is six miles west.

E. Residences and Other Structures: There are no occupied dwellings within two miles.

- F. Archaeological, Historical and other Cultural Sites:  
The archaeological study of the Patricia Federal # 2 has been done by James ViSciscenti, Archeological Survey Consultants, Roswell, New Mexico.
- G. Land Use: The vicinity surrounding the wellsite is semiarid rangeland, used primarily for grazing.
- H. Surface Ownership: The new access road and wellsite are privately owned. The surface is L-A Ranch Partnership, David Carpenter, Auto Rd. East, Roswell, New Mexico 88201.

12. OPERATOR'S REPRESENTATIVE:

Representative responsible for assuring compliance with the approved Surface Use Plan:


Thomas Schneider  
Topat Oil Corporation  
505 N. Big Spring St. - Ste. 204  
Midland, Texas 79701-4367  
915/682-6340

13. CERTIFICATION:

I hereby certify that I, or person under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; that the work associated with the operations proposed herein will be performed by TOPAT OIL CORPORATION and its sub-contractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date:

2-3-93

  
TOM SCHNEIDER  
President





SUPPLEMENT DATA  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Patricia Federal # 2  
Coyote Queen  
Sec 20, T 11 S, R 27 E  
Chaves County, New Mexico

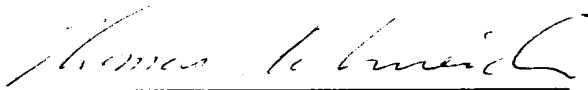
Estimated depths on water, oil and gas.

Fresh Water - 100'  
Oil & Gas - 700 - 900'

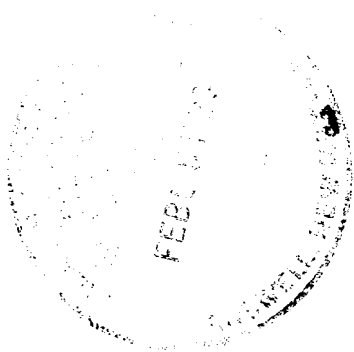
Geological Tops:

Yates	100'	(+ -)
Queen	600'	(+ -)
San Andres	1150'	(+ -)

Surface Casing: 200' of 7" surface casing will be set  
and cement circulated.



Thomas Schneider  
Operator Representative



SUPPLEMENTAL DRILLING DATA

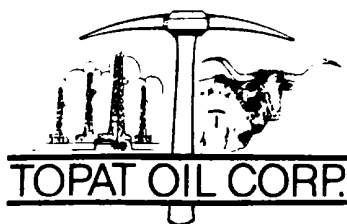
TOPAT OIL CORPORATION

#2 Patricia Federal  
890' FWL & 2310' FSL Section 20, T11S, R27E,  
Chaves County, New Mexico

NM-58803

The following items supplement Form 3160-3 in accordance with instructions contained in Onshore Oil and Gas Order No. 1:

1. PROPOSED CASING PROGRAM: 200' 7" surface pipe and 900' of 4-1/2" production casing.
2. CIRCULATING MEDIUM: Well will be drilled with air.
3. AUXILIARY EQUIPMENT: A full-opening safety valve, to fit the drill string in use, will be kept on the rig floor at all times.
4. TESTING, LOGGING AND CORING PROGRAM: Gamma Ray Neutron log and perforate. Possibly log well open hole if it is deemed necessary by geologist.
5. ANTICIPATED STARTING DATE: Plan to begin operations between January 30 and February 10, 1993. Drilling and completion operations are estimated to last about 6-8 days.
6. PRESSURE CONTROL: Manually operated ram type work over rig blow out preventer, rated 3000# working pressure.
7. HAZARDS: We do not expect to encounter any abnormal pressures or hazards.



505 NORTH BIG SPRING STREET  
SUITE 204 ENERGY SQUARE  
MIDLAND, TEXAS 79701-8602  
(915) 682-6340

The undersigned accepts all applicable terms, conditions, stipulations and restrictions concerning operations conducted on the leased land or portion thereof, as described below:

Lease No. NM-58803

Legal Description of Land: 890' FWL & 2310' FSL,  
Section 20, T-11-S, R-27-E.

Formations: Queen

Bond Coverage: New Mexico

BLM Bond File No: B03535

Authorized Signature: Tom Schneider  
President

Thomas Schneider  
Field Representative

EXHIBIT A

- Present roads  
- - - Road to be built  
⊙ Existing windmills  
⊕ Existing oil wells

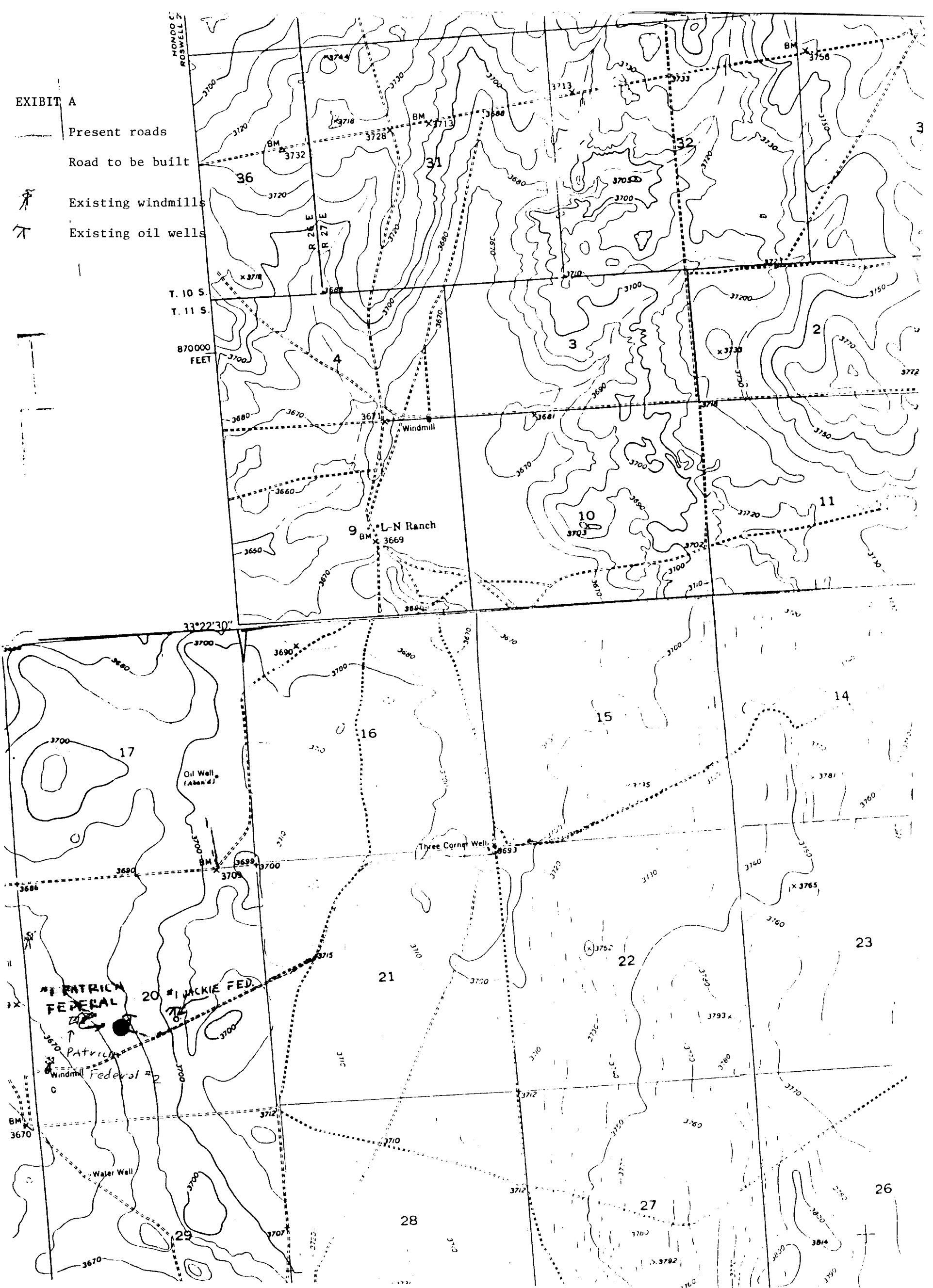




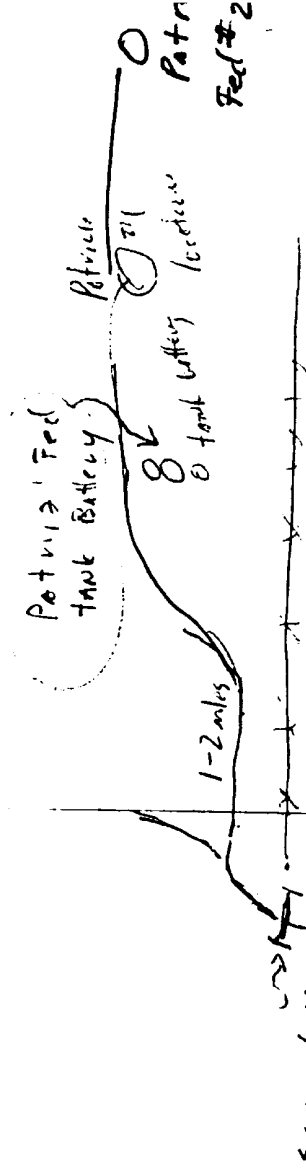






EXHIBIT "C"

Top of Oil Pottery



sign washed out  
ranch

mile

callie guard

2.2 miles

sign washed out  
ranch

sign LA ranch

15 miles  
hwy 380

Roswell

Totum

location is on top of hill. If you have any problems sending it call David Carpenter @ 622-3808 for directions

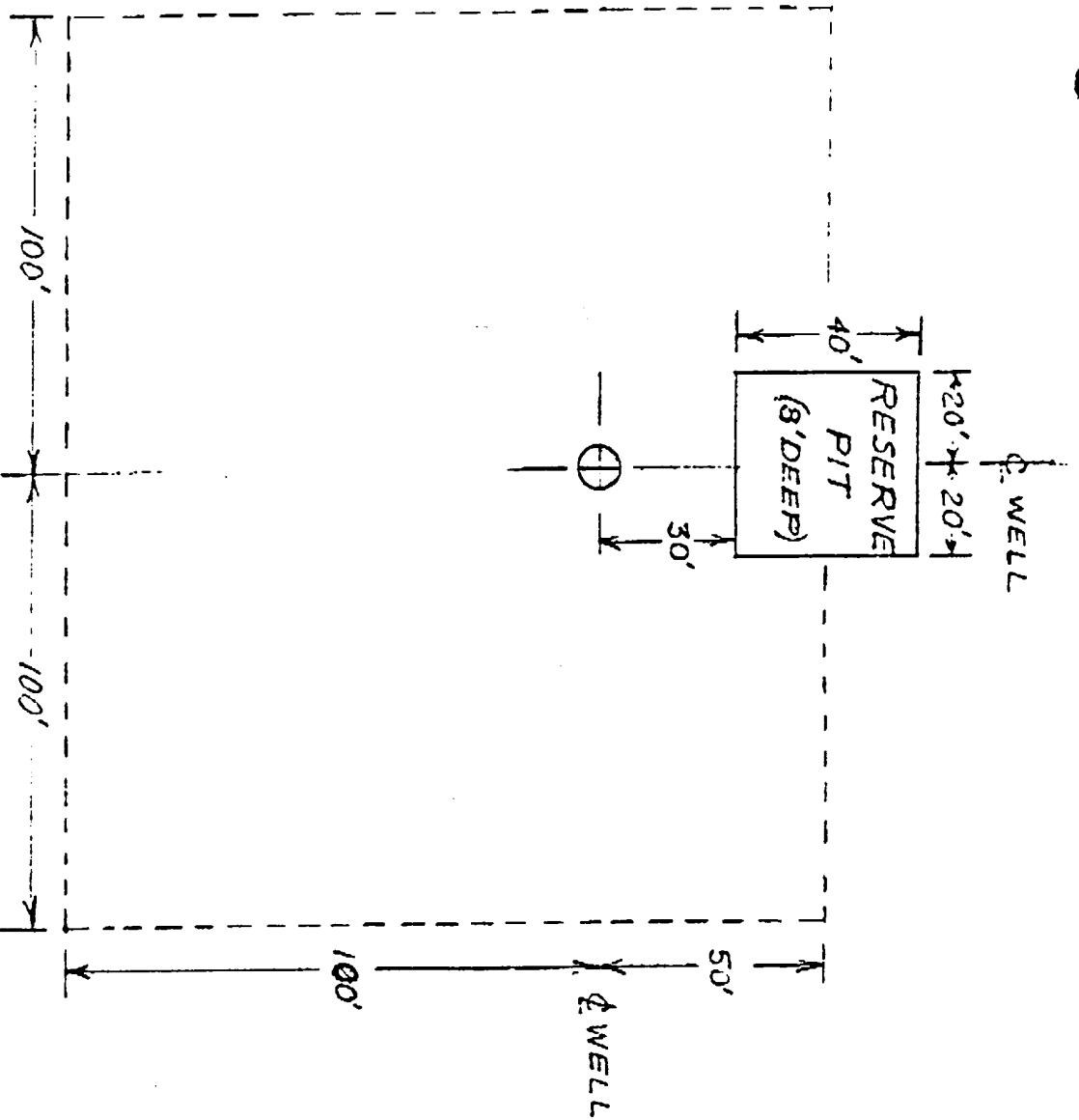
map is not to scale

total of 6 3/4 miles from highway to location

4 1/2 csg. 10.5 #

0

EXHIBIT D



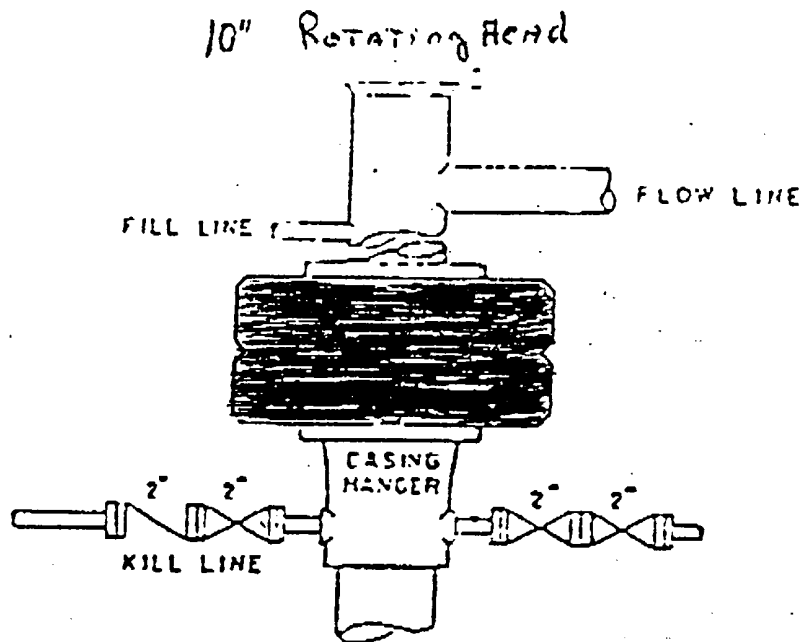
UNITED DRILLING, INC.  
LOCATION PLAT

RIGS 1 & 4  
AIR DRILLING.

Scale: 1"=40' 10/2/89



EXHIBIT E



10" ROTATING HEAD

