

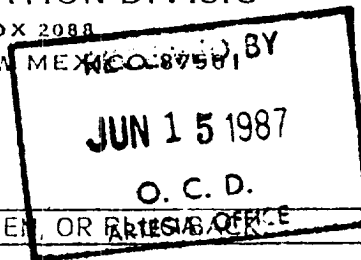
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

L CONSERVATION DIVISIO

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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DISTRIBUTION	
SANTA FE	<input checked="" type="checkbox"/>
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U.S.G.S.	<input checked="" type="checkbox"/>
LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
LG-4357

7. Unit Agreement Name  
Panther Hill Unit

8. Farm or Lease Name  
Panther Hill Unit

9. Well No.  
1

10. Field and Pool, or Wildcat  
Pecos Slope Abo

12. County  
Chaves

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator  
Yates Petroleum Corporation

3. Address of Operator  
105 South Fourth Street - Artesia, NM 88210

4. Location of Well  
UNIT LETTER L (Lot 8) LOCATED 1980 FEET FROM THE South LINE  
AND 1780 FEET FROM THE West LINE OF SEC. 19 TWP. 8S RGE. 24E NMPM

19. Proposed Depth  
3700'

19A. Formation  
Abo

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, KT, etc.)  
3675' GR

21A. Kind & Status Plug. Bond  
Blanket

21B. Drilling Contractor  
Undesignated

22. Approx. Date Work will start  
ASAP

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	10-3/4"	40.5# K-55	Approx. 1200'	1200 sacks	Circulate
7-7/8"	4-1/2"	9.5# K-55	TD	350 sacks	

We propose to drill and test the Abo and intermediate formations. Approximately 1200' of surface casing will be set and cement circulated. If commercial, production casing will be ran and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW Gel/LCM to 1200', brine to 3400', starch/driskpak to TD

BOP PROGRAM: BOP's will be installed at the offset and tested daily

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 12/15/87  
CARTER DRILLING UNDERWAY

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Cliff R. May Title Regulatory Agent Date June 12, 1987

(This space for State Use)

Original Signed By

Les A. Clements

Supervisor District II

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 16 1987

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient  
time to witness cementing

the 10 3/4 casing

**MEXICO OIL CONSERVATION COMMISS**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Panther Hill Unit</b>		Well No. <b>1</b>
Unit Letter <b>Lot 8</b>	Section <b>19</b>	Township <b>8 South</b>	Range <b>24 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1780</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3675.</b>	Producing Formation <b>Abo</b>	Pool <b>PECOS SLOPE Abo</b>		Dedicated Acreage: <b>233.06</b> Acres	

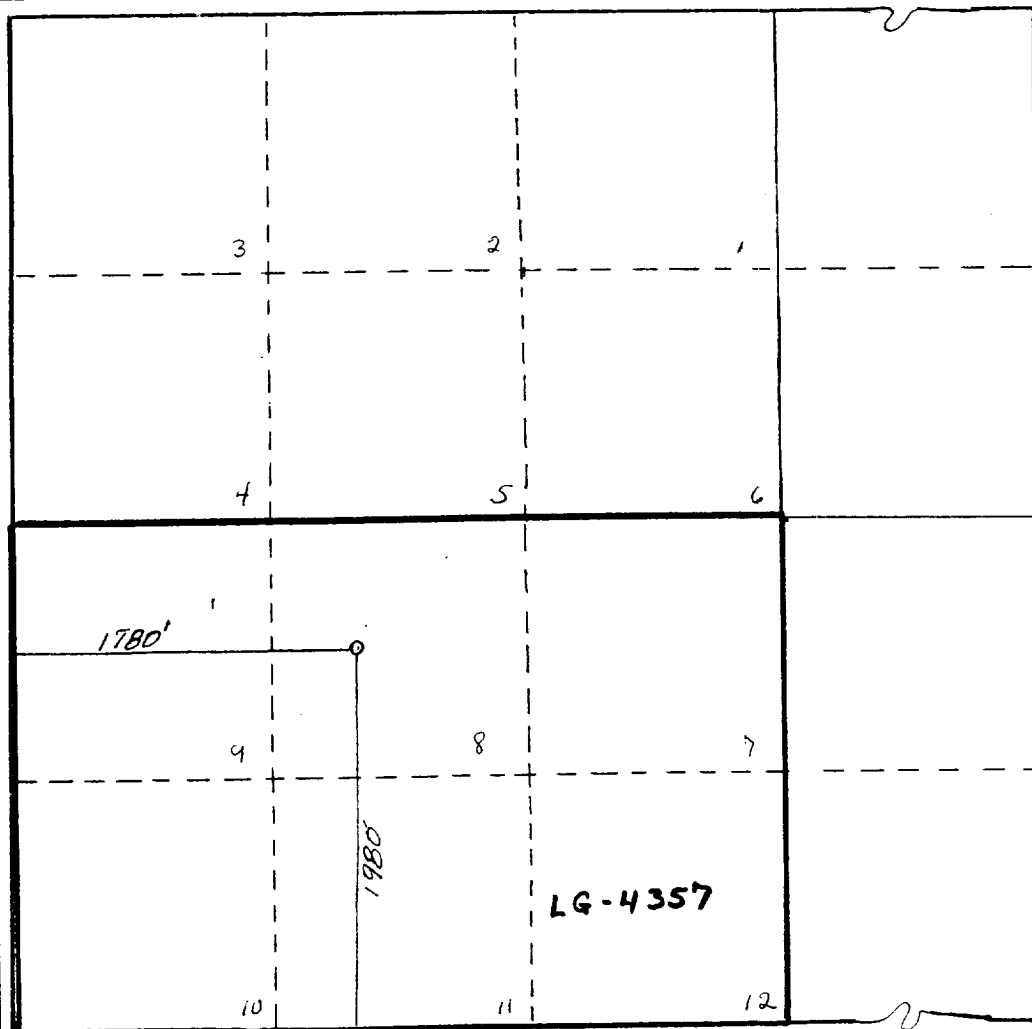
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

RECEIVED BY  
**JUN 15 1987**  
 O & C H D  
 ARTESIA, OFFICE

☐ Yes    ☐ No    If answer is "yes," type of consolidation **UNITIZATION**

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 interests, has been approved by the Commission.



**CERTIFICATION**

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

*Clifton R. May*

Name

**Clifton R. May**

Position

**Regulatory Agent**

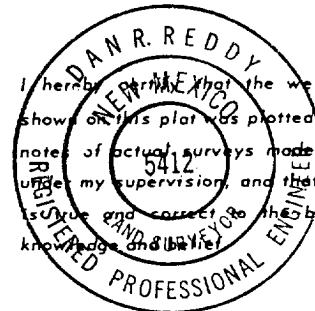
Company

**Yates Petroleum Corporation**

Date

**June 12, 1987**

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

**June 11, 1987**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*

Certificate No.

**NM PE&LS NO. 5412**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

# EXHIBIT B

## BOP DIAGRAM

RATED 3000<sup>#</sup>

