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OPERATOR	<input checked="" type="checkbox"/>

JUL 27 1983

O. C. D.

ARTESIA, OFFICE

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. Type of Well

OIL WELL ☐GAS WELL ☒OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

3. Name of Operator

Yates Petroleum Corporation

4. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

5. Location of Well

UNIT LETTER M

LOCATED 860

FEET FROM THE South

LINE

ND 660

FEET FROM THE West

LINE OF SEC. 16

TWP. 7S

RGE. 23E

NADIM

5A. Indicate Type of Lease

STATE ☒FEE ☐

6. State Oil &amp; Gas Lease No.

LG-6678

7. Unit Agreement Name

8. Farm or Lease Name

Blazer "XN" State

9. Well No.

2

10. Field and Pool, or Wildcat

Under Pecos Slope

Abo

12. County

Chaves

19. Proposed Depth

3300'

19A. Formation

Abo

20. Rotary or C.T.

Rotary

21. Elevations (Show whether DT, RT, etc.)

3965.1' GL

21A. Kind &amp; Status Plug. Bond

Blanket

21B. Drilling Contractor

AFT #2

22. Approx. Date Work will start

ASAP

## 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# J-55	1100'	800 SX	circ
7 7/8"	4 1/2"	9.5#	TD	350 SX	

We propose to drill and test the Abo and intermediate formations. Approximately 1100' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated, and stimulated as needed for production.

MUD PROGRAM: FW gel/LCM to 1100', Brine to 3200', Brine/KCL water to TD.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 1-28-84  
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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.

by Cy Cowan Title Regulatory Agent Date 7/27/83

(This space for State Use)

PROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR

DATE JUL 28 1983

CONDITIONS OF APPROVAL, IF ANY:

Verify NAD O/LC. in re Form  
then to witness cementing  
the 10 3/4" casing

Perforated  
10-1-83  
11-29-83

**NEW MEXICO OIL CONSERVATION COMMISSION  
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.

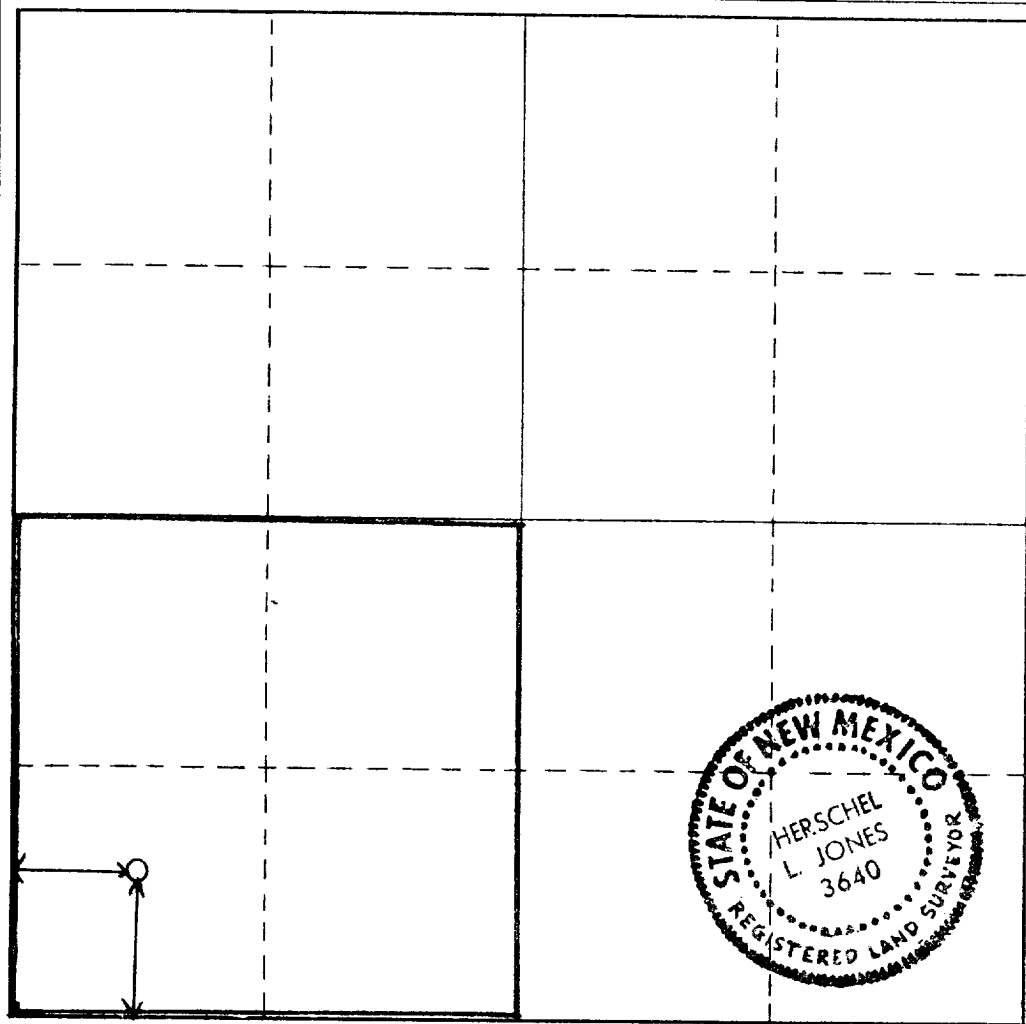
Operator <b>Yates Petroleum Corporation</b>			Lease <b>Blazer "XN" State</b>		Well No. <b>2</b>
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>7S</b>	Range <b>23E</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>860</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3965.1' GL</b>	Producing Formation <b>ABO</b>		Pool <b>West Pecos Slope ABO</b>	Dedicated Acreage: <b>160</b> 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 interests 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 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.

*Cy Cowan*  
 Name  
**Cy Cowan**  
 Position  
**Regulatory Agent**  
 Company  
**Yates Petroleum Corp.**  
 Date  
**7/27/83**

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  
**July 26, 1983**  
 Registered Professional Engineer and/or Land Surveyor  
*Herschel Jones*  
 Certificate No.  
**3640**

# EXHIBIT B

## BOP DIAGRAM

RATED 3000<sup>#</sup>

