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

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

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MAY 05 1983

5A. Indicate Type of Lease
STATE <input type="checkbox"/> REC <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name
Grooms "XB" Com
9. Well No.
1
10. Field and Pool, or Wildcat
Undes. Pecos Slope
17. County
Chaves

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of Work **ARTESIA, OFFICE**

b. Type of Well **DRILL ☒** **DEEPEN ☐** **PLUG BACK ☐**

c. Name of Operator **Wates Petroleum Corporation**

d. Address of Operator **207 S. 4th, Artesia, New Mexico 88210**

e. Location of Well **UNIT LETTER M LOCATED 660 FEET FROM THE South LINE**

**330 FEET FROM THE West LINE OF SEC. 8 TWP. 7S RGE. 26E**

19. Proposed Depth	19A. Formation	19B. Rotary or C.T.
4300'	Abo	Rotary
20. Elevations (show whether DF, KI, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor
381.2' GL	Blanket	undesignated
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	850'	600 sx	circulated
7 7/8"	4 1/2"	9.5# J-55	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 850' 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 850', 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 1-25-84  
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.

Signed Cy Cowan Title Regulatory Agent Date 5/2/83

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE JUL 25 1983

CONDITIONS OF APPROVAL, IF ANY:

Notify H&M C.C. in sufficient time to allow cementing the 10 3/4" casing

Noted a log  
FD-16 top back  
7-29-83

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

MAY 06 1983

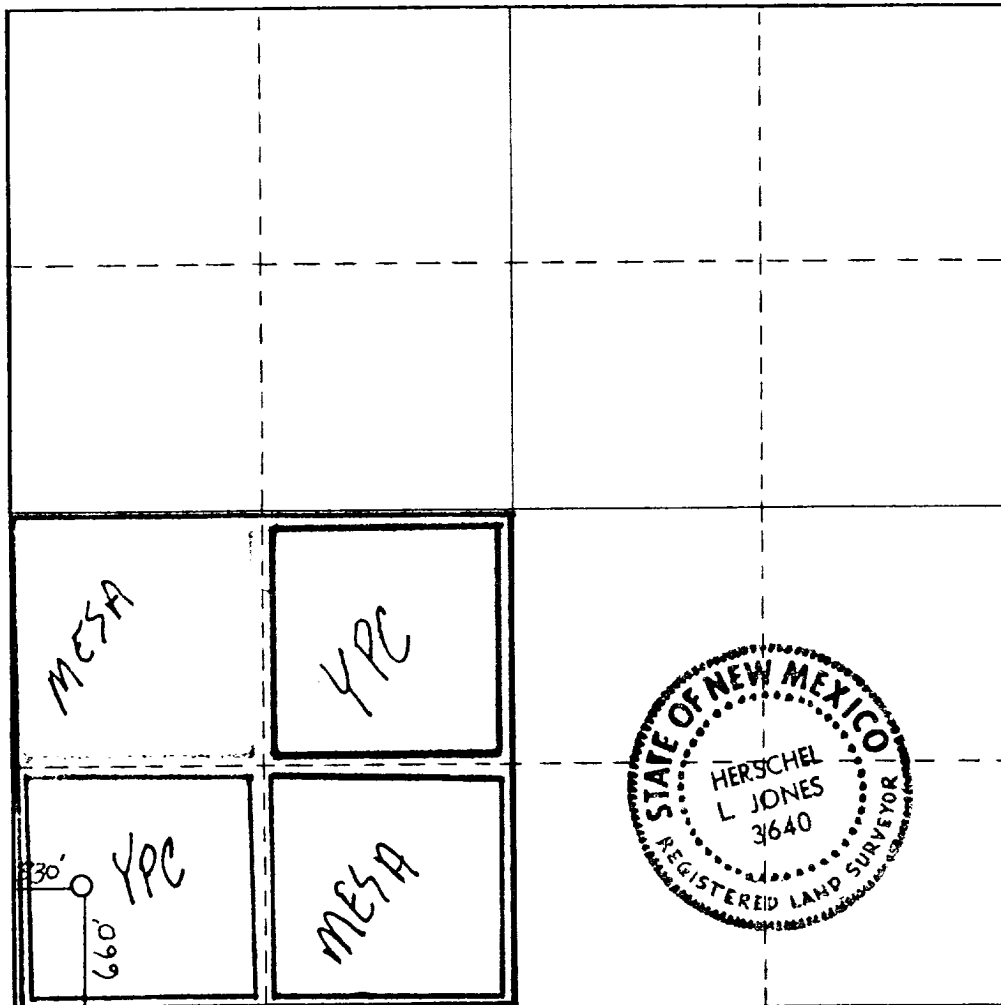
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Grooms "XB" Com</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>8</b>	Township <b>7 South</b>	Range <b>26 East</b>	County <b>ARTESIA, OFFICE</b> <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>330</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3581.2'</b>	Producing Formation <b>ABO -</b>	Pool <b>PECOS Slope ABO</b>	Dedicated Acreage: <b>160</b> Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 **TO BE COMMUNITIZED**

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

**5/2/83**

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

**April 21, 1983**

Registered Professional Engineer and/or Land Surveyor

Certificate No.

**3640**

# EXHIBIT B

## BDP DIAGRAM

