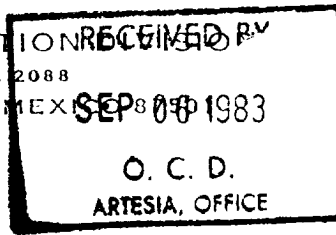


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LAND OFFICE	<input checked="" type="checkbox"/>
OPERATOR	<input checked="" type="checkbox"/>



5A. Indicate Type of Lease  
STATE ☒ FEE ☐  
5. State Oil & Gas Lease No.  
LG-4920

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 ☐  
3. Name of Operator  
Yates Petroleum Corporation  
4. Address of Operator  
207 S. 4th, Artesia, New Mexico 88210  
5. Location of Well  
UNIT LETTER A LOCATED 660 FEET FROM THE North LINE  
990 FEET FROM THE East LINE OF SEC. 23 TWP. 9S RGE. 26E NMPM  
6. Field and Pool, or Wildcat  
Unders. Poor Ranch  
Pre-Permian Gas  
7. Unit Agreement Name  
8. Farm or Lease Name  
Ibis "XU" State  
9. Well No.  
1  
10. Field and Pool, or Wildcat  
Unders. Poor Ranch  
Pre-Permian Gas  
11. County  
Chaves  
12. Proposed Depth  
6250'  
13. Formation  
Montoya  
14. History of C.T.  
Rotary  
15. Elevations (Show whether DF, RI, etc.)  
3794.8' GL  
16. Kind & Status Plug. Bond  
Blanket  
17. Drilling Contractor  
LaRue #1  
18. 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
17 1/2"	13 3/8"	48#	250'	250 sx	circulated
14 1/4"	10 3/4"	40.5#	1000'	800 sx	circulated
7 7/8"	5 1/2"	9.5#	TD	600 sx	

We propose to drill and test the Montoya and intermediate formations. Will set 250' of surface casing to shut off gravel and caving. Intermediate casing will be run to a depth of 1000' circulated and cemented. 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 1000', Brine to 3600', Drispak/starch to 4400', flosal/drispak to TD. MW 10-10.2, Vis 34-39, WL 20-10.

BOP PROGRAM: BOP's will be installed on surface casing and tested daily.

NSL APPLIED FOR 8/19/83.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3-29-84  
UNLESS DRILLING UNDERWAY

Post ID-1  
9-30-83  
New Lee & APE

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 PREVENTION PROGRAM, IF ANY.

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

Signed [Signature] Title Regulatory Agent Date 8/31/83

(This space for State Use)

PROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE SEP 29 1983

ADDITIONS OF APPROVAL, IF ANY:

NSL-1741 Appr. 9-19-83.

NEW 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.

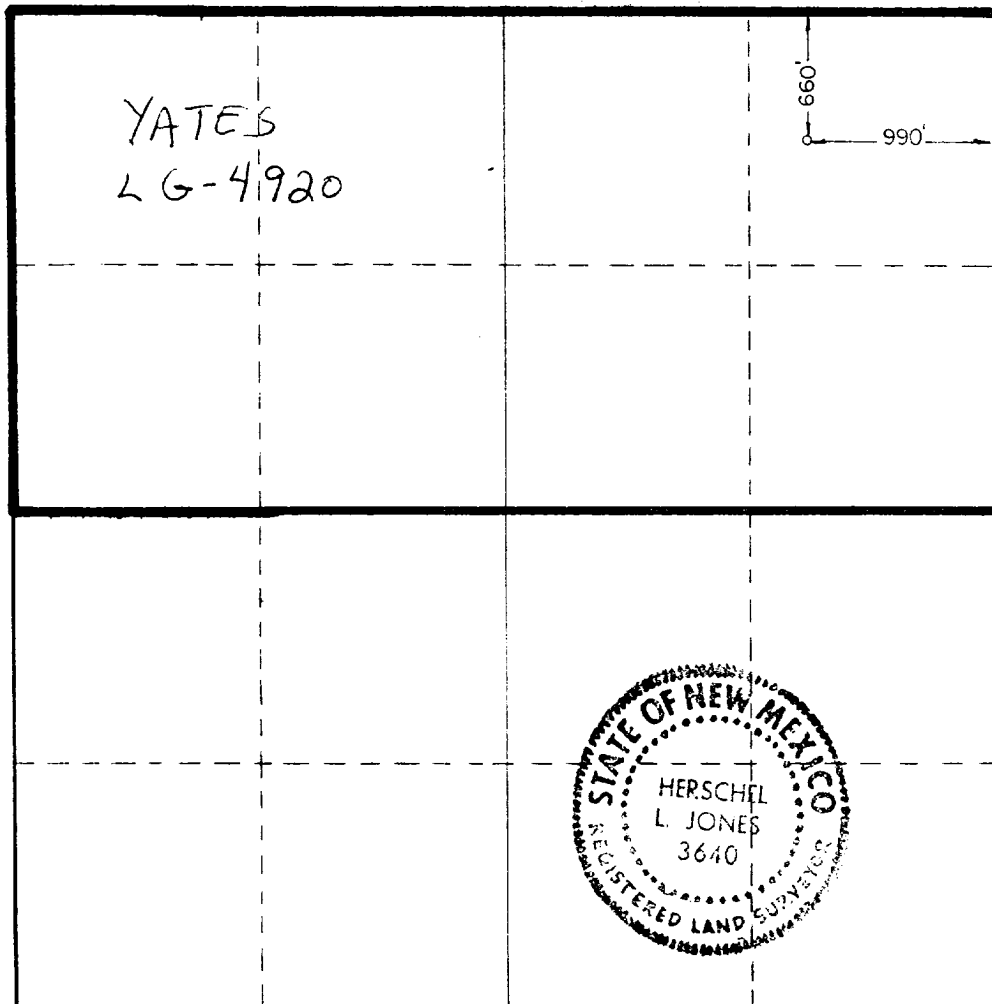
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>IBIS "XU" STATE</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>23</b>	Township <b>9 South</b>	Range <b>26 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>East</b> line					
Ground Level Elev. <b>3794.8</b>	Producing Formation <b>Montoya</b>		Pool <b>Under Four Ranch Pre-Permian Gas</b>		Dedicated Acreage <b>320</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?

☐ 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.

*Ken Beardemph*

Name

Ken Beardemph

Position

Regulatory Agent

Company

Yates Petroleum Corp.

Date

8/31/83

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

8/24/83

Registered Professional Engineer and/or Land Surveyor

*Herschel L. Jones*

Certificate No.

3640



# EXHIBIT B

## BDP DIAGRAM

RATED 3000<sup>#</sup>

