

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	✓
FILE	✓
U.S.G.S.	2
LAND OFFICE	✓
OPERATOR	✓

RECEIVED BY O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
DEC 04 1984  
O. C. DAMENED  
ARTESIA, OFFICE

5A. Indicate Type of Lease  
STATE ☒ FEDERAL ☐  
5. State Oil & Gas Lease No.  
LG-6459

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

Type of Work  
Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐  
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐  
Name of Operator YATES PETROLEUM CORPORATION ✓  
Address of Operator 207 South 4th Street, Artesia, New Mexico 88210  
Location of Well UNIT LETTER 8A LOCATED 660 FEET FROM THE North LINE  
660 FEET FROM THE East LINE OF SEC. 32 TWP. 19S RGE. 24E NADP  
19. Proposed Depth 9200' 19A. Formation Morrow 20. Rotary or C.T. Rotary  
Elevations (show whether DT, RT, etc.) 3755' GL 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor 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
17 1/2"	13 3/8"	48# H-40	appr. 400'	400 sx	circ.
12 1/4"	8 5/8"	24# K-55	appr. 960'	450 sx	circ.
7 7/8"	5 1/2" or 4 1/2"	17#K-55 & N-80	TD	400 sx	

We propose to drill and test the Mississippian lime and intermediate horizons. Will set approximately 400' of surface casing to shut off gravel and caving and will set intermediate casing through the Glorieta Sand, both strings to be circulated. If commercial, will run 5 1/2" or 4 1/2" and cement with at least 600' of cover.

MUD PROGRAM: FW gel/LCM to 960' water to 5700', starch/driskpak to 7900', SW gel/starch/driskpak to TD.

BOP PROGRAM: BOP's/hydril on 8 5/8" csg and tested, pipe rams tested daily, blind rams on trips; yellow jacket, pit level control and flow sensor on at 5200'.

GAS NOT DEDICATED.

180 DAYS

7-3-85

UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-  
TION 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 12/4/84  
(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN - 3 1985

CONDITIONS OF APPROVAL, IF ANY:

Notary Public C.C. in sufficient  
this to the State containing  
the 8 5/8" casing

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>Agave AAJ State</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>32</b>	Township <b>19 South</b>	Range <b>24 East</b>	County <b>Eddy</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3755.</b>	Producing Formation <b>Morroco</b>	Pool <b>UNDES MORROCO</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.

**Mitchell ENERGY**  
**LG 6459**

CERTIFICATION

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

*Gliserio Rodriguez*  
Name  
**Gliserio Rodriguez**

Position  
**Regulatory Agent**

Company  
**Yates Petroleum Corporation**

Date  
**12/4/84**

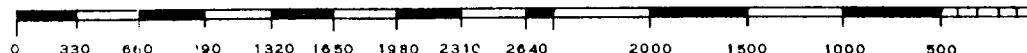
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**September 10, 1984**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*

Certificate No.  
**NM PE&LS #5412**



# EXHIBIT B

## BDP DIAGRAM

RATED 3000<sup>±</sup>

