

UNITED STATES  
DEPARTMENT OF THE INTERIOR

NM OIL CONS. COMMISSION

Drawer DD

GEOLOGICAL SURVEY

Artesia, NM 88210

## 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

207 South 4th Street, Artesia, NM 88210

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

660' FSL &amp; 660' FWL

At proposed prod. zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

31 miles NNE of Roswell, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660

## 16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

4300'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4028.8 GL

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10 3/4"	40.5# J-55	Approx. 900'	800 sx. circulated
7 7/8" or 6 1/4"	4 1/2" or 5 1/2"	10.5# or 15.5#	TD	350 sx.

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and casing. If needed (lost circulation) 7 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM 1500', Brine to 3500'. Brine & KCL water to TD. MW 10-10.2

BOP PROGRAM: BOP's will be installed at approximately 1500' and tested daily.

GAS NOT DEDICATED.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Regulatory Manager

DATE

11-10-81

(This space for Federal or State office use)

APPROVED

PERMIT NO.

APPROVAL DATE

APPROVED BY

DEC 22 1981

TITLE

DATE

CONDITIONS OF AP

JAMES A. GILLHAM  
DISTRICT SUPERVISORRECEIVED  
NOV 12 1981OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, N.M.

## 5. LEASE DESIGNATION AND SERIAL NO.

NM 19416

RECEIVED

## 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## 7. UNIT AGREEMENT NAME

## 8. FARM OR LEASE NAME

Langley "R" Fed.

## 9. WELL NO.

2

## 10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA44-M  
Sec. 9-6S-25E

## 12. COUNTY OR PARISH

Chaves

## 13. STATE

NM

Posted ID-1  
API + NL Book  
12-31-81

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-120  
Effective 1-1-65

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

Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Langley RJ Federal</b>		Well No. <b>2</b>
Unit Letter <b>M</b>	Section <b>9</b>	Township <b>6 South</b>	Range <b>25 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>660</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4028.8'</b>	Producing Formation <b>ABO</b>		Pool <b>UNOES ARO</b>	Dedicated Acreage: <b>160 3/4</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.

*Gliserio Rodriguez*  
Name  
**Gliserio Rodriguez**  
Position  
**Reg. MGR**  
Company  
**Yates Petroleum Corp**  
Date  
**11/7/81**

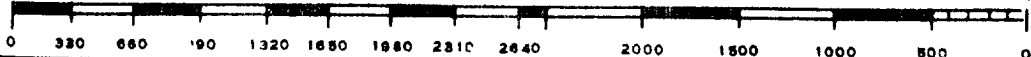
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**October 29, 1981**

Registered Professional Engineer  
and/or Land Surveyor

*Herschel Lopez*  
Certificate No.

**3640**



Yates Petroleum Corporation  
Langley "RJ" Federal #2  
660' FSL & 660' FWL  
Section 9-6s-25e  
Chaves County, New Mexico

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements:

1. The geologic surface formation is sandy alluvium.
2. The estimate tops of geologic markers are as follows:

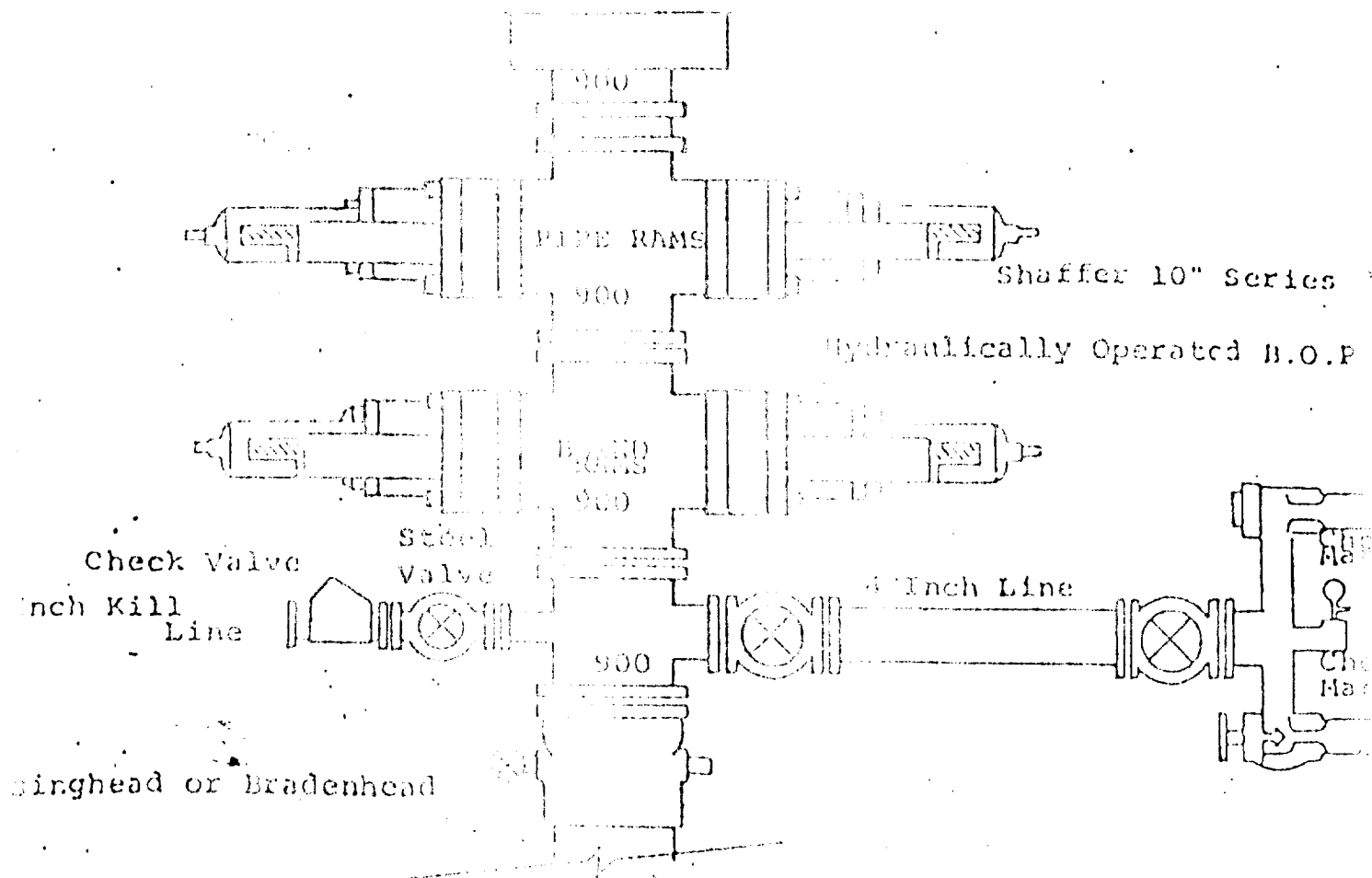
San Andres	591'
Glorieta	1619'
Fullerton	3054'
Abo	3684'
TD	4300'

3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water: Approximately 250' - 350'

Oil or Gas: Abo 3720' - 4250'

4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C, and Exhibit B.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock, pit level indicators and flow sensor equipment; sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:  
  
Samples: Surface casing to TD  
DST's: As warranted  
Logging: Surface casing to TD  
Coring: CNL-FDC TD to casing with GR-CNL on to surface and DLL from TD to casing.
9. No abnormal pressures are temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.



#### FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual control installed prior to pulling out from under casing.
- Choke outlet to be a minimum of 4" diameter.
- Kill line to be of all steel construction of 2" minimum diameter.
- All connections from manifold to preventers to be all steel hole or pipe; minimum 1/2 inch in diameter.
- The available closing force shall be at least 15% in excess of the required well surface pressure to operate the B.O.P.'s.
- All connections to and from preventer to have a pressure rating equal to that of the B.O.P.
- Inside blowout preventer to be available on rig floor.
- Operating controls to be at safe distance from the rig floor.
- Hole must be kept full of mud/slips below intermediate casing. Operator not responsible for blowout resulting from not keeping hole full.
- D. P. float must be installed and used below zone of first gas intrusion.