

N. M. O. &amp; C. COPY

SUBMIT IN TYPEWRITTEN  
(Other instructions on  
reverse side)Form approved,  
Budget Bureau No. 42 R1425.UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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 S. 4th Street, Artesia, New Mexico 88210

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

At surface

660' FSL and 1980' FEL

At proposed prod. zone

Same

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

Approximately 16.9 miles (driving distance) north & east of  
Artesia, N.M. or 5.5 miles south & east of Lake Arthur, N.M.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

NONE

## 16. NO. OF ACRES IN LEASE

320

## 19. PROPOSED DEPTH

9100'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3422' Ground Level

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

As soon as Possible

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48 lbs. K55	approx. 300'	200 sx circulate
12 1/2"	8 5/8"	24 lbs. K55	approx. 1400"	sufficient to circulate
7 7/8"	(a) 5 1/2" or (b) 4 1/2"	(a) 15 1/2 lbs. and 17 lbs. K55 or (b) 10 1/2 lbs. and 11.6 lbs. K55	9100'	(a) 250 sx (b) 300 sx

Mud Program: Surface to 1400' Fresh Water gel LCM  
1400' to 4000' Fresh Water  
4000' to 7000' KCL Water  
7000' to TD Flosal-Drispak-KCL, Mud  
Weight 8.9 to 9.1 lbs per gallon,  
Viscosity water 34 to 50, water loss 12 to 7

EOP Program: On the 8 5/8" casing, BOP'S and Hydril tested pipe rams daily

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

Eddie L. Hulbert

TITLE

Engineer

DATE

3-21-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

13 3/8"

APPROVED BY  
APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

MAR 20 1977

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS  
ARE NOT COMMENCED WITHIN 3 MONTHS.  
EXPIRES JUN 28 1977  
See Instructions On Reverse SideCEMENT BEHIND THE 8 5/8"  
CASING MUST BE CIRCULATEDNOTIFY USGS IN SUFFICIENT TIME TO  
WITNESS CEMENTING 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>Riverbend HR Federal</b>		Well No. <b>1</b>
Unit Letter <b>"O"</b>	Section <b>33</b>	Township <b>15 South</b>	Range <b>26 East</b>	County <b>Chaves</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>East</b> line				
Ground Level Elev. <b>3422</b>	Producing Formation <b>Devonian</b>	Pool <b>Wildcat</b>	Dedicated Acreage: <b>2.0</b> Acres	

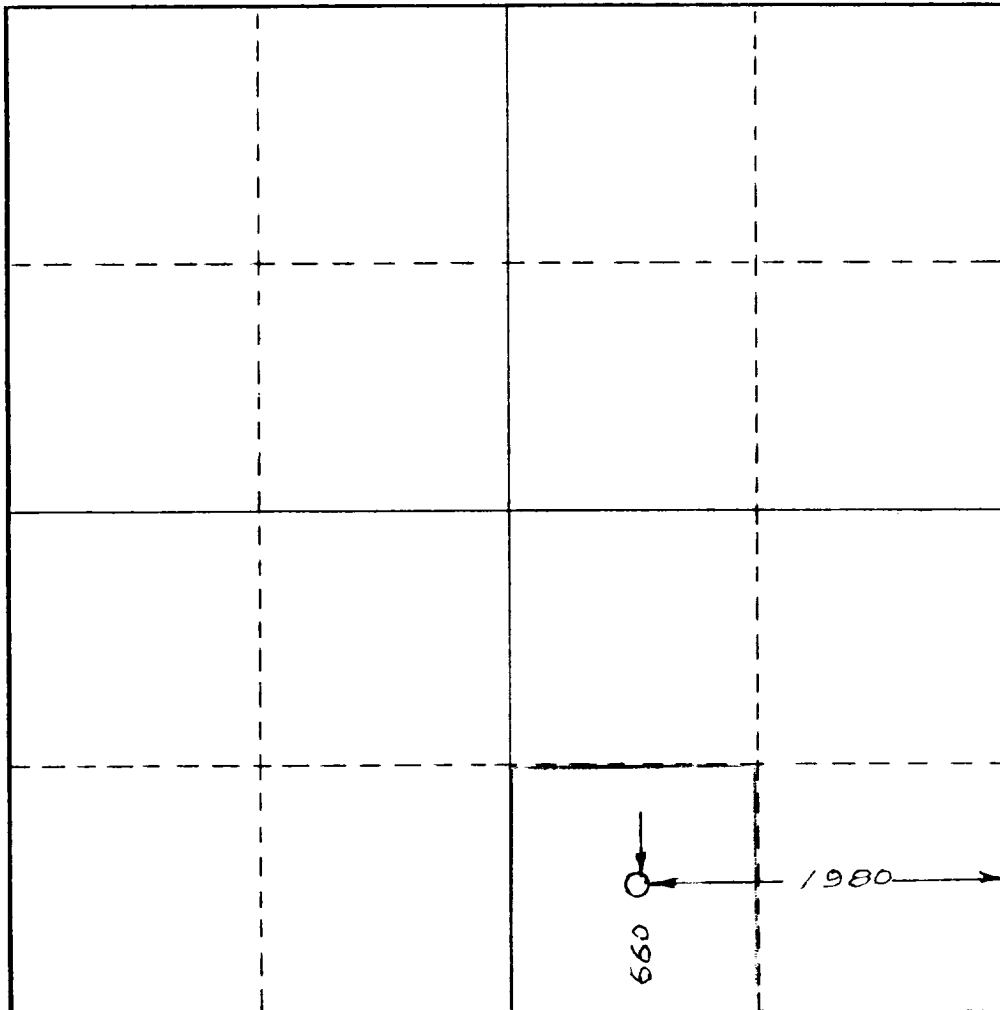
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the owner thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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.

**RECEIVED**  
**MAR 21 1977**  
**U.S. GEOLOGICAL SURVEY**  
**ARTESIA, NEW MEXICO**



CERTIFICATION

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

*Eddie L. Hartsford*  
Name

Position  
**ENGINEER**

Company  
**YATES PETROLEUM CORP.**

Date  
**3-8-77**

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 Survey  
**Mar 3, 1977**

Registered Professional Engineer and/or Surveyor  
**3640**

Certificate No. **3640**

