

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-025-26496

5. LEASE DESIGNATION AND SERIAL NO.

NM10472

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Antelope "LY" Fed.

8. FARM OR LEASE NAME

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

wildcat

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Sec. 6, T23S-R33E

12. COUNTY OR PARISH

Lea

13. STATE

NM

## 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, New Mexico, 88210

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

At surface

1980'FNL &amp; 1980'FEL

At proposed prod. zone

Same

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

49 Miles SE of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED\*

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

1980'

16. NO. OF ACRES IN LEASE

1200

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

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

19. PROPOSED DEPTH

5100'

20. ROTARY OR CABLE TOOLS

Cable first, then Rotary

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

3715.5 GL

22. APPROX. DATE WORK WILL START\*

ASAP Lease expires 10/1/79

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"	54.5#	1170'	650 sx circulate
8-5/8"	5-1/2"	14-15.5#	5100'	600 sx

We propose to drill and test the Delaware formation. Approximately 1170' of surface casing will be set, cement will be circulated to shut off gravel and cavings. If commercial will run 5½" casing and cement with 600' of cover. Will move cable tool on location immediately after approval. If decide to drill deep test, will submit amended APD.

Mud Program: Spud mud to 1170', Brine & LCM to 5100'.

BOP Program: BOP on 13-3/8" casing and tested, pipe rams tested daily

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HOBBS, NEW MEXICO

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

*Shirley Rodriguez*

TITLE Geographer

DATE 9/21/79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL

APPROVED  
AS AMENDED  
SEP 28 1979

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACTING DISTRICT ENGINEER