

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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 RECOMPLETION

SINGLE  
ZONE ☐

MULTIPLE  
ZONE ☐

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION

(505) 748-1471

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

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

At surface

Unit C, 600' FNL & 1750' FWL, Sec. 18-T21S-R22E

At proposed prod. zone

API #30-015-24002

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

15. DISTANCE FROM PROPOSED\*

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

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

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

19. PROPOSED DEPTH

8500'

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

4420' GR

22. APPROX. DATE WORK WILL START\*

23.

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"	54.5#	359'	625 sx (in place)
12 1/4"	9-5/8"	36#	1800'	950 sx (in place)
7-7/8"	5-1/2"	15.5#/17#	8500'	1435 sx (in place)

Perforations @ 8129-34' with RBP set 8070'. Well producing through perforations 7994-8003'. Propose to recomplate well in Canyon perforations 5872-5882', 5996-6006' and 6024-6030' as follows:

1. RU. NU BOP. POOH w/packer. TIH and retrieve RBP @ 8070'.
2. Set CIBP @ 8070' and cap w/35' cement.
3. Set CIBP @ 7935' and cap w/35' cement.
4. Perforate 5872-5882', 5996-6006' 6024-6030' (2 SPF).
5. RIH w/packer and RBP. Set RBP @  $\pm$  6090' and test. Set packer @  $\pm$  5950'.
6. Acidize zone w/4000 gals 15% NEFE w/balls.
7. Move RBP to  $\pm$  5950' and test. Set packer @  $\pm$  5820'.
8. Acidize zone w/3000 gals 15% NEFE.
9. Move RBP back to  $\pm$  6100' and set packer at  $\pm$  5820'.
10. Swab both zones in.
11. Return well to production.

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.  TITLE Production Supervisor DATE 3-17-92

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE 3/23/92

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side