

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

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

AUG 27 1991

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

At surface

1980' FSL & 1980' FEL, Sec. 36-T18S-R26E

At proposed prod. zone

API #30-015-25172

O. C. D.  
ARTESIA, OFFICE

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

approx 10 miles SE of Artesia, 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

320

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*

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

19. PROPOSED DEPTH

9700'

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3274' GR

22. APPROX. DATE WORK WILL START\*

When approved

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#	545'	475 sx (in place)
12-1/4"	9-5/8"	36# & 40#	1304'	725 sx (in place)
8-3/4"	5-1/2"	17#	9700'	825 sx (in place)

Propose to abandon Strawn perforations 8586-8593' and test Wolfcamp for recompletion as follows: Spot 25 sx Class "H" Neat cement plug 8400-8600'. Tag plug. Check for casing leaks and repair if leaks are found. Perforate Wolfcamp 6602-6712' and acidize in three stages with total of 3500 gals 20% NEFE acid. Swab/flow test Wolfcamp perforations 6602-6712' and evaluate.

API NO. 30-015-25172

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

*Shannon J. Shaw*

TITLE Production Supervisor

DATE 8-19-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Original Signed by Shannon J. Shaw

PETROLEUM ENGINEER

APPROVED BY

TITLE

DATE 8/23/91

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side