

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.)

At surface

1980' FNL, 660' FEL, Sec. 28-20S-29E

At proposed prod. zone

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

Approx. 16 miles northwest of Carlsbad, 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

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

12135'

20. ROTARY OR CABLE TOOLS

Workover Unit

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

3269' 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
36"	30"		40'	2-1/2 yds redi-mix (in place)
17 1/2"	13-3/8"	54.5#	1425'	1040 sx (in place)
12 1/2"	8-5/8"	32#	3119'	1275 sx (in place)
7-7/8"	5-1/2"	20#; 17#	12135'	1910 sx (in place)

Well completed in Atoka perforations 11081-11090'. Propose to recomplate to Strawn as follows: Install standing valve in Otis "N" nipple in on/off tool above Permalatch packer at approx. 11005'. Load tubing with 9 ppg BW and WP hydraulic double ram BOP. Get off of on/off tool, circulate the casing full of 9 ppg BW and TOOH with tubing. Perforate Strawn 10582-10611' w/14 shots. Acidize perforations 10582-10611' with 2000 gals 15% NEFE HCL acid. Swab/flow test Strawn.

Application is being made to commingle the depleted Atoka with the Strawn.

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

TITLE Production Supervisor

DATE 9-18-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE 9/23/91

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.