

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
ZONES ☒

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION

(505) 748-1470

APR 16 1991

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

O. C. D.

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

At surface

660' FSL & 2310' FWL, Sec. 21-17S-27E

At proposed prod. zone

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

Approximately 7 miles east 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

640

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

9430'

20. ROTARY OR CABLE TOOL

Pulling Unit/Reverse Unit

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

3422' 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"	48#	405'	350 sx (in place)
12 1/2"	8-5/8"	24#	1560'	750 sx (in place)
7-7/8"	4-1/2"	11.6 & 10.5#	9430'	775 sx (in place)

Well rapidly depleted in Morrow perforations 9083-97'. Propose to abandon Morrow perfs 9083-97' by setting CIBP at 9065' w/35' cement on top. Check for leaks and repair. Will perforate and test Abo perforations 5069-5185'. Acidize perfs w/5000 gals 20% NEFE HCL. acid. Swab/flow test well. If Abo zone is commercial, will file recompletion.

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

John L. Doughton

TITLE

Production Supervisor

DATE

4-5-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

John L. Doughton

TITLE

PETROLEUM ENGINEER

DATE

4/12/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED
APR 1 1984
O. C. D.
FEDERAL BUREAU OF INVESTIGATION