

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

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, 1980' FEL, Sec. 6-T23S-R33E

At proposed prod. zone

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

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drig. 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

10160'

20. ROTARY OR CABLE TOOLS

Pulling Unit

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

3735' KB - 3715.5' GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20"		121'	4 yds Redimix (in place)
17 1/2"	13-3/8"	54.5#	736'	750 sx (in place)
12 1/2"	10-3/4"	51, 45.5, 40.5#	5026'	1400 sx (in place)
9-1/2"	7-5/8"	29.7, 33.7#	12174'	815 sx (in place)

Propose to abandon Strawn and Bone Springs perms and recomplete in Delaware as follows:

1. MIRU WSU. Blow well down or kill well. Install BOP. Unseat packer @ 9867', catch RBP @ 10100' and TOOH w/RBP and packer. RIH w/retrieving head and catch RBP @ 11000'. TOOH w/RBP.
2. Set CIBP inside 5" liner @ 12600' and cap w/35' Class H cement. Set CIBP + 35' cement inside 7-5/8" at 11650'. Set CIBP + 35' cement @ 9875'. This step discussed with Jerry Sexton, NMOCD, Hobbs, NM, by Brian Collins, YPC.
3. Perforate the Delaware Sand as follows: 8746-57' (10 shots), 8673-78' (8 shots), 8157-59' (6 shots).

Each zone will be acidized separately and frac'd if necessary to obtain 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.

SIGNATURE

Ignacio S. Sandoval

TITLE

Production Supervisor

DATE

10-24-91

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

11/7/91

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side