

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

990' FNL, 990' FWL, Sec. 7-20S-29E

At proposed prod. zone

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)

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

11500'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

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"	48#	572' (in place)	600 sx
12 1/4"	8-5/8"	32#	3036' (in place)	1575 sx
7-7/8"	5-1/2"	20 & 17#	11536' (in place)	800 sx

Application has been filed for downhole commingling the Morrow and Atoka. Well has retainer at 11363'. Morrow perforated at 11265-68' and 11270-81'. RBP at 11230' (records show RBP is in place). Morrow perforations 11188-11193' are open. Propose to perforate additional Morrow perforations at 11161-67' and 10991-11000' (2 SPF). Run RBP and packer, straddle perfs 11161-67' (old perfs at 11188-93). Test RBP. Acidize perfs 11161-67' w/2000g. Morrow acid. Flow back and move tools to isolate perfs 10991-11000'. Test RBP. Acidize w/2500g. Morrow acid. Flow back and straddle both sets of perfs at 11161-67' and 10991-11000' (old perfs at 11188-93). Swab/test. POH w/packer and RBP. Run packer w/on/off tool and profile nipple to \pm 10940'. Swab Morrow clean. Place standing valve in tool, release on/off tool and POH. Propose to recomplate in Atoka zone 10764-70' and 10778-84'. Flow/test. Acidize Atoka perfs w/3500g. Morrow acid. Flow back, pull RBP (if possible). Run packer to \pm 10700' and set. Swab/flow test. 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.

SIGNATURE

TITLE Production Supervisor

DATE 7-2-92

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side