

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 & 1980' FWL, Sec. 11-T21S-R26E

At proposed prod. zone

API #30-015-24478

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 4 miles NW of Carlsbad, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 1980
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. n/a

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3184' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"		40'	Redi-Mix (in place)
17 1/2"	13-3/8"	48#	450'	600 sx (in place)
12 1/2"	9-5/8"	35#	2663'	1870 sx (in place)
7-7/8"	5 1/2"	20 & 17#	11300'	850 sx (in place)

Propose to abandon Morrow perms 10967-10974' by setting CIBP @ 10925' w/35' cement cap. Will test Morrow Lime 10690-10717'. Will treat perms 10690-10717' w/5500 gals 15% NEFE acid. If commercial, will file Sundry notice, if non-commercial, will set CIBP @ 10650' w/35' cement cap. Will perforate Atoka 10484-10491' and 10498-10502'; acidize perms 10484-10502' w/2000 gals 15% NEFE acid. If zone is wet or non-commercial, will set CIBP @ 10450' w/35' cement or squeeze under retainer, depending on Morrow test downhole. Propose to perforate Atoka @ 10310-10324' and 10336-10351' and acidize w/6000 gals 15% NEFE acid. If zone is wet or non-commercial, will set CIBP @ 10275' w/35' cement or squeeze under retainer. Will perforate Strawn 9784-9787', 9817-9824' and 9829-9834', and acidize w/3000 gals 15% NEFE acid. Recompletion efforts will stop as soon as commercial production is established.

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 1-7-91
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 1-12-91
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.