

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY AMENDED REPORT

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 ☐

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 South 4th Street - Artesia, NM

4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations)
At surface
1980' FSL & 660' FWL of Section 31-5S-25E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
31 miles north and 14 miles east of Roswell, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
5100'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3855.9' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	32#	Approx 350'	350 sx circulate
9 1/2"	7"	20#	" 1500'	800 sx circulate
6 1/4"	4 1/2"	9.5#	" TD	250 sx

We propose to drill and test the Penn. and intermediate formations. Approx 350' of surface casing will be set and cement circulated to shut off gravel and caving. Casing will be set and cement circulated to shut off gravel and caving. Casing will be set 100' below the water zone. If commercial will run production casing and cement with adequate cover, perforate and stimulate as needed for production.

Mud Program: - FW gel and LCM to 1500' - Brine KCL to 3200' - KCL drispak and starch to 4350' flosal drispak KCL to TD. MW 10-10.2, Vis 34-39, WL 14-7.

BOP Program: - BOP's will be installed in 8-5/8" casing and tested daily.

Gas not dedicated:

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 Christian Tomlinson TITLE Geol. Secty. DATE 1-14-80

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY GEORGE H. STEWART TITLE REGIONAL ENGINEER DATE JAN 15 1980

CONDITIONS OF APPROVAL, IF ANY: