

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

2. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

3. NAME OF OPERATOR

Yates Petroleum Corporation

4. ADDRESS OF OPERATOR

207 South 4th Street, Artesia, NM 88210

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

At surface

660' FNL and 1980' FSL

At proposed prod. zone

same

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

Approximately 5 miles NE of Lakewood NM

7. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660' N

8. DISTANCE FROM PROPOSED LOCATION*

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

9. NO. OF ACRES IN LEASE

40

10. PROPOSED DEPTH

10250'

11. NO. OF ACRES ASSIGNED
TO THIS WELL

320

12. ROTARY OR CABLE TOOLS

Rotary

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

GL 3350'

14. APPROX. DATE WORK WILL START*

As soon as approved

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# J-55	approx. 350'	300 sx. circulate
12 1/4"	8 5/8"	24# J-55	approx. 2000'	700 sx. circulate
7 7/8"	4 1/2 or 5 1/2"	15.5-17# J-55	TD 10150'	300 sx.
		10.5-11.6# J-55		

We propose to drill and test the Morrow and intermediate formations. Approx. 350' of surface casing will be set to shut off gravel and cavings, and intermediate casing will be set 100' below the Artesian Water Zone. If commercial will run 4 1/2" or 5 1/2" with 600' cement cover, will perforate and stimulate as needed for production.

MUD PROGRAM: FW Gel and LCM to 2000', FW Gel to 6900', 6% KCL water to 7900', starch drispak-KCL and salt Gel to TD.

BOP PROGRAM: BOP's and hydril will be installed on 8 5/8" casing and tested.

GAS NOT DEDICATED.

FEB 27 1981

IF 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 prevention program, if any.

ARTESIA, OFFICE

SIGNED

Edy A. Lopez

TITLE

REGULATORY COORDINATOR

DATE

1/15/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

(Orig. 534) GEORGE H. STEWART

TITLE

ACTING DISTRICT ENGINEER

DATE

FEB 27 1981

CONDITIONS OF APPROVAL, IF ANY: