

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYcopy to SF
30-115-22150

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 Fourth Street, Artesia, NM 88201

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

At surface

1980' FSL & 1980' FEL of Section 25-16S-24E

At proposed prod. zone

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

9 miles NW of Artesia, NM

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

Approx. 7100'

20. ROTARY OR CABLE TOOLS

Cable Tools & Rotary

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

3638'

22. APPROX. DATE WORK WILL START*

As soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15 1/2"	13-3/8"	48# J-55	Approx. 250'	Circulate
12 1/4"	8-5/8" New	24# J-55	Approx. 800'	600 sacks - circulate
7-7/8"	5 1/2" New or 4 1/2" New	15.5-17# or 10.5-11.6# K-55	TD	

We propose to drill & test the Atoka & intermediate horizons. Will drill & test the San Andres w/Cable Tools. If offset deep test is encouraging, will move in rotary and deepen well. Approximately 250' of surface casing will be run. Intermediate casing will be set 100' below the Artesian Water Zone.

MUD PROGRAM: F. W. Gel to 800', fresh water to 3600', KCL water to 6400' & Flosal-Drispak-KCL mud to TD; MW 8.8-9.0, Vis 34-39, WL 10-7.

BOP PROGRAM: Flow control head on 8-5/8" for cable tool hole. For deep test will install BOP's & hydril on 8-5/8" and test pipe rams daily, Yellow Jacket prior to drilling Wolfcamp.

Gas sales 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

Eddie L. Matys

TITLE

Engineer

DATE

4-18-77

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

MAY 1 1977

ACTING DISTRICT ENGINEER

THIS APPROVAL IS VALID FOR 3 MONTHS
IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS
EXPIRES AUG 1 1977

*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENTED AND THE
CASING MUST BE CIRCULATED

NOTIFY US IN SUFFICIENT TIME TO
WITHHELD CEMENTING THE CASING.