

30-015-23646

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 S. 4th Street, Artesia, NM 88210

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

At surface

1980' FNL & 660' FW.

At proposed prod. zone

same

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

Approx. 8.5 miles SW of Artesia

15. DISTANCE FROM PROPOSED*

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

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

16. NO. OF ACRES IN LEASE

1200

19. PROPOSED DEPTH

8650'

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3573 GL

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
17 1/2"	13 3/8"	48# H-40	approx. 360'	320 sx circulate
12 1/4"	8 5/8"	24# J or K-55	approx. 1160'	650 sx circulate
7 7/8"	4 1/2 or 5 1/2"	15.5-17# K-55	approx. 8650'	400 sx.
		10.5-11.6# K-55		

We propose to drill and test the Morrow and intermediate formations. Approx. 360' 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: F.W. Gel and LCM to 1160, fresh water to 4000', 2% KCL water to 6300', starch-driskpak-KCL to 7800', Flosal-Driskpak-KCL to TD.

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

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

TITLE Regulatory Coordinator

DATE 12-29-80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 5 1981

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED

FEB 03 1981

8. FARM OR LEASE NAME

Federal AB Conoco

9. WELL NO.

7

ARTESIA, NM

10. FIELD AND POOL, OR WILDCAT

Richard Knob - Atoka Mor

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 9-T18S-R25E

12. COUNTY OR PARISH 13. STATE

Eddy

NM