

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒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 South Fourth Street, Artesia, NM 88210

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

At surface

660' FSL & 1980' FEL of Section 5-18S-25E

At proposed prod. zone

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

7 miles West of Atoka, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

8550

17. NO. OF ACRES ASSIGNED TO THIS WELL

320

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

3590 GR

22. APPROX. DATE WORK WILL START*

As soon as possible

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8" New	48# J-55	Approx. 360'	200 sacks - circulate
12½"-11"	8-5/8" New	24# K-55	Approx. 1120'	550 sacks - circulate
7-7/8"	5½" New or	15.5# K-55 or	Approx. 8500'	250 sacks
	4½" New	10.5# K-55		300 sacks

Propose to drill and test the Morrow and intermediate horizons. Approximate 360' of surface casing will be run and cement circulated to shut off gravel & caving. Intermediate casing will be set 100' below the Artesian Water Zone & cemented to the surface. If commercial pay is encountered, will run 5½" or 4½" casing and cement with 600' of cover, perforate & stimulate as needed for production.

MUD PROGRAM: F. W. Gel & LCM to 1120', Fresh Water to 4000', KCL water to 6300' & Flosal-Drispak-KCL mud to TD; MW 8.8-9.0, Vis 34-39, WL 10-7.

BOP PROGRAM: BOP's & hydril on the 8-5/8" casing & tested, pipe rams daily, blind rams on trips, Yellow Jacket prior to drilling Wolfcamp.

GAS ACREAGE 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 M. Bradley

TITLE

Engineer

DATE

3-16-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DECLARED WATER BASIN

APPROVED BY

TITLE

CEMENT BEHIND THE CASING MUST BE CIRCULATED

CONDITIONS OF APPROVAL, IF ANY:

NOTIFY DECS IN SUFFICIENT TIME TO

WITNESS CEMENTING THE

CASING

THIS APPROVAL IS REVOKED IF OPERATIONS ARE NOT COMPLETED WITHIN 3 MONTHS.

*See Instructions On Reverse Side

EXPIRES