

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-22375

5. LEASE DESIGNATION AND SERIAL NO.

NM 9187

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Box Canyon "4A"

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREAUnit B
Sec 23-21S-21E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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 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 Sec. 23-21S-21E, Eddy Co.,

At proposed prod. zone

NM

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

Approx. 50 miles south and west of Artesia, 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, COMPLETION
OR APPLIED FOR, ON THIS LEASE, FT.

DEC 8 1977

19. PROPOSED DEPTH

8450'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

4592' GR

D. C. C.

ARTESIA, OFFICE

22. APPROX. DATE WORK WILL START*

July 10, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17½"	13-3/8"	48# H-40	Approx. 30'	Circulate
12¼"	8-5/8"	24# K-55	" 1200'	Circulate
7-7/8"	5½ or 4½"	15.5-17# or 10.5-11.6#	TD	200-300 sacks.

Propose to drill & test the Morrow and intermediate horizons. Surface casing is of little advantage since there is no water for 1000-1100' and the San Andres is known to be fractured or creviced. 8-5/8" casing will be set below San Andres porosity. If commercial pay is encountered, will set 5½ or 4½" casing, perforate and stimulate as needed for production.

Mud Program: FW Gel & LCM to 1200', fresh water to 4000', FW water to 8000', Flosal-Drispak-KCL mud to TD; MW 8.6-8.9, Visc 34-39 cP, 2-7, FC 1/32.

BOP Program: BOP's on 8-5/8" casing tested daily. Will Yellow Jacket prior to drilling Wolfcamp.

Gas Not Committed.

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

Eddy M. Halyard

TITLE

Engineer

DATE

6-23-77

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

DEC 7 - 1977

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACTING DISTRICT ENGINEER

DATE

DEC 7 - 1977

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES MAR 7 - 1978

*See Instructions On Reverse Side

DECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE CIRCULATED.