

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY30-015-20967
5. LEASE DESIGNATION AND SERIAL NO.

NM 0440087

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

SEP 26 1973

3. ADDRESS OF OPERATOR

207 South 4th Street - Artesia, NM 88210

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

At surface

1980' FNL and 660' FEL of Sec. 7-18S-25E

At proposed prod. zone

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

7 miles west of Atoka

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*

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

19. PROPOSED DEPTH

Approx. 8500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3615 GR

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#	Approx 200'	Circulated
12 1/4"	9-5/8"	32.4#	Approx 1000'	Circulated
8-3/4"	7" or 5 1/2"	23# & 26# 15.5# & 17#	Approx 8500'	250 sx or as expedient

Propose to drill and test the Morrow sand and intermediate formations. Approx 200' 13-3/8" will be cemented for protection from surface gravel and 9-5/8" casing will be run and cemented 100' below the Artesian Zone.

Mud Program: - Fresh water gel to 1000', water to 6500', flosal and drispak to TD.

BOP Program: - BOP's will be installed on Intermediate. Hydril will be installed and tested prior to drilling the Wolfcamp; pipe rams will be tested daily, blind rams on trips.

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. Hurlbut

TITLE

Engineer

DATE

9-5-73

(This space for Federal or State office use.)

APPROVED

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

SEP 25 1973

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TITLE

SUBJECT TO ATTACHED DEEP WELL CONTROL

REQUIREMENTS DATED

JUN 22 1973

*See Instructions On Reverse Side

DECLARED WATER BASIN

CEMENT BEHIND THE CASING MUST BE CIRCULATED

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES DEC 25 1973

NOTIFY USGS IN SUFFICIENT TIME TO