

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

105 South Fourth Street - Artesia, NM 88210

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

330' FSL & 1650' FWL of Section 12-T20S-R29E (NM-58632)

At proposed prod. zone

660' FNL and 660' FWL of Section 13-T20S-R29E (NM-55125)

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

Approximately 16 miles northeast of Carlsbad, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

12300'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

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

3321.1' GR

22. APPROX. DATE WORK WILL START*

ASAP

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# J-55	Approx. 300'	300 sacks - circulate
12-1/4"	9-5/8"	36# J-55	" 2800'	1100 sacks - circulate
8-3/4"	4 1/2 or 5 1/2"	9.5# or 17 & 20#	TD	500 sacks

We propose to drill and test the Morrow and intermediate formations. Approximately 300' of surface casing will be set and cement circulated to shut off gravel and cavings. If commercial, production casing will be run and cemented. Will perforate and stimulate as needed for production.

MUD PROGRAM: Fresh water gel/LCM to 300', ~~fresh~~ ^{brine} water to 9700', brine to 10500'; salt water gel and starch to TD

BOP PROGRAM: BOP's will be installed at the offset and tested daily

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

Clifton E. May

TITLE

Permit Agent

DATE June 13, 1988

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

941 N
327 W
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985
30-015-25928
5. LEASE DESIGNATION AND SERIAL NO.
NM-55125
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Eland AFC Federal Com
9. WELL NO.
1
10. FIELD AND POOL OR WILDCAT
Undes. Morrow
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
Section 12-T20S-R29E
12. COUNTY OR PARISH
Eddy
13. STATE
NM
17. NO. OF ACRES ASSIGNED
TO THIS WELL
320
20. ROTARY OR CABLE TOOLS
Rotary
22. APPROX. DATE WORK WILL START*
ASAP
RECEIVED
JUN 13 1988
POST 10 #1
NL & APF
9-9-88