

NMOCC COPY

SUBMIT IN TRIPlicate*
(Other instructions on
reverse side)Form approved
Budget Bureau No. 42 R1425UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

3. LEASE DESIGNATION AND SERIAL NO.

NM8417

4. INDIAN, ALIEN, OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Box Canyon

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Undesignated

11. SEC. T., E., M., OR BLE.
AND SURVEY OR AREA

Sec. 14-T21S-R21E

12. COUNTY OR PARISH

13. STATE
New Mexico

Eddy

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START

May 10, 1977

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SING.
ZONE MULTIPLE
ZONE

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South Fourth Street, Artesia, New Mexico 88210

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

At surface

1980' FSL and 1980' FEL, Sec. 14-T21S-R21E, Eddy County, New Mexico

At proposed prod. zone

Same

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

Approx. 50 miles south and west of Artesia, New Mexico.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

8350'

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

4593' GR

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. 300'	Circulate
12 1/2"	8-5/8"	24# K-55	Approx. 1200'	Circulate
7-7/8"	5 1/2" or 4 1/2"	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 900'-1100' and the San Andres is known to be fractured or creviced. 8-5/8" casing will be set below uppermost Yesso porosity. If commercial pay is encountered, will set 5 1/2" or 4 1/2" casing, perforate & stimulate as needed for production.

Mud Program: F.W. Gel & LCM to 1200', fresh water to 4000', KCL water to 6200'.
Flosal-Drispak-KCL mud to TD; MW 8.9-9.1, Vis 34-39, WL 12, 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

Eddin M. Inalip

TITLE

Engineer

DATE

May 5, 1977

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

JUN 1 - 1977

APPROVED BY

Joe D. Lara

TITLE

ACTING DISTRICT ENGINEER

DATE

JUN 1 - 1977

CONDITIONS OF APPROVAL, IF ANY:

Subject to attached stipulations!

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

*See Instructions On Reverse Side

EXPIRES

SEP 1 - 1977

DECLARED WATER BASIN
CEMENT BEHIND THE
CASING MUST BE
13 3/8"
48 5/8"

RECEIVED
MAY 06 1977
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plate, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.