

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒RECEIVED
DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐

JUL 21 1977

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 S. 4th Street, Artesia, New Mexico 88210

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

At surface

660' FSL and 1270' FEL

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)

16. NO. OF ACRES

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

19. PROPOSED DEPTH

8175'

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

4549' 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" New	48# J-55	Approx. 40'	Ready Mix to Surface
12 1/4"	8 5/8" New	24# K-55	Approx 1200'	600 sx. - circulate
7 7/8"	5 1/2" New	15.5#-17# K-55	TD	250 sx. 1000' Cement Cover
	or			or
	4 1/2" New	10.5#-11.6# K-55	TD	300 sx. 1000' Cement Cover

Propose to drill and test the Morrow and intermediate horizons. Surface casing is of little advantage since there is no water for 900'-1000' and the San Andres is known to be fractured or creviced. 8 5/8" casing will be set below uppermost Yezo porosity. If commercial pay is encountered will set 5 1/2" or 4 1/2" casing, perforate and stimulate as needed for production.

Mud Program: F.W. Gel & LCM to 1200'. Fresh water to 5600' (add 1% KCl at 3100'). Flosal-Drispak - KCl mud to TD; MW 8.6-8.8, Vis 16-7, 2-4% Diesel as needed.

BOP Program: BOP's and Hydrils 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

E. L. Beckman

TITLE

Engineer

DATE

6/28/77

(This space for Federal or State office use)

APPROVAL DATE

DECLARED WATER BASIN

APPROVED

APPROVED BY

JUL 30 1977

R. L. BECKMAN

ACTING DISTRICT ENGINEER

TITLE

CEMENT - LEASE LINE
CASING MUST BE CIRCULATED

THIS APPROVAL IS RESCINDED IF OPERATIONS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

See Instructions On Reverse Side

JUL 24 1977

NOTIFY LESSEE OF SUFFICIENT TIME TO
WITNESS CEMENTING THE CASING.

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 plat, 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.