

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐RECEIVED 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 S. 4th, Artesia, New Mexico 88210

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

At surface

660' FNL and 990' FEL

At proposed prod. zone

same

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

Approximately 9 miles east of Hagerman, New Mexico

15. DISTANCE FROM PROPOSED

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

660'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

Approx. 8500'

20. ROTARY OR CABLE TOOLS

Rotary

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

3437.8' GL

22. APPROX. DATE WORK WILL START*

ASAP

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# J-55	appr. 300'	250 sx circulated
12 1/4"	8 5/8"	24# J-55	appr. 1550'	450 sx circulated
7 7/8"	5 1/2" or 4 1/2"	15.5-17# K-55 TD or 10.5-11.6#		

Propose to drill and test the Mississippian and intermediate horizons. Approximately 300' of surface casing will be run and cement circulated to shut off gravel and caving. Intermediate casing will be set 100' below the Artesian Water Zone and cemented to the surface. If commercial pay is encountered, we will run 5 1/2" or 4 1/2" casing and cement with 600' of cover, perforate and stimulate as needed.

MUD PROGRAM: FW gel & LCM to 1550', fresh water to 4500', KCL water to 6600', starch-driskak KCL to 7350', flosal-driskak-KCL mud to TD, MW 8.9-9.0, Vis 34-39, WL 10-7

BOP PROGRAM: BOP's and hydril on the 8 5/8" casing and tested, pipe rams daily, blind rams on trips, Yellow Jacket prior to drilling WC.

HAS 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

TITLE Regulatory Manager

DATE 4/16/82

(This space for Federal or State office use)

PERMIT NO.

(Orig. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

JUL 9 1981

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. CULHAM
DISTRICT SUPERVISOR

APPROVAL NOW STD LOC

Posted ID-1
7-16-82
New JRC API