

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-23150

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPE~~N~~^{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 South 4th Street, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 1980' FSL & 1100' FEL
 At proposed prod. zone Same

5. LEASE DESIGNATION AND SERIAL NO.
 025606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Rio Pecos MH Fed. Co.

9. WELL NO.
 1

10. FIELD AND POOL, OR WILDCAT
 Undes. Morrow

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 29-T18S-R27E
 Unit Letter I

12. COUNTY OR PARISH
 Eddy

13. STATE
 NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST
 12 miles SE of Artesia, NM

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest dirg. unit line, if any)
 1100'

16. NO. OF ACRES IN LEASE
 360

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.
 Approx. 9835'

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3362.2 GR

22. APPROX. DATE WORK WILL START*
 As soon as approved

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	350'	275 sx circulate
12 1/4"	9 5/8"	24# J-55	1700'	650 sx circulate
7 7/8"	5 1/2" or 4 1/2"	17# 15.5# K & N or 11.6# 10.5# K & N	TD	200 - 250 sx

We propose to drill and test the Morrow and intermediate formations. Approximately 350' of surface casing will be set to shut off gravel and cavings, cement circulated. Intermediate casing will be set at approximately 2000' and cemented to the surface. If commercial pay is encountered, will run 5 1/2" or 4 1/2" casing, cemented with a minimum of 600' cover, perforate and stimulate as needed for production.

MUD PROGRAM: F. W. Gel and LCM 1625' water to 6600' (2% KCL at 3800'); starch-driskpak KCL to 8500'; flosal driskpak, KCL to TD.

BOP PROGRAM: BOP's & hydril on 8 5/8" casing tested, pipe rams daily, blinds on trips, will Yellowjacket prior to drilling the Wolfcamp formation.

N 34
R-6209

(3 AD SALS 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 Glenn Rodriguez TITLE Geographer DATE 11/28/79
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 1-21-80

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: