

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-20059

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 RE-ENTRY SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
207 South 4th Street - Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1650' FNL & 630' FEL of Sec. 14-21S-22E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
26 miles West of Carlsbad, New Mexico

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

16. NO. OF ACRES IN LEASE
1720

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. 9150'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4139' GR

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

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" | 42# | 335' | 300 sacks |
| 12 1/2" | 9-5/8" | 32# | 1126' | 500 sacks |
| 7-7/8" | 5 1/2" | 15.5-17# | 9150' | 250 sacks |

This well was originally drilled as Texas Pacific "BF" Federal #1 and Yates would like to change the name to Hilliard "BF" Federal #1. We propose to re-enter this well, drill plugs, and drill to approx. 9150' to test the Morrow formation. If commercial will run casing w/DV tool at 5900'. If not commercial plug back to 5500', run casing and cement to 3800', perforate and evaluate the Wolfcamp, Middle Abo and/or Basal Yeso, frac and complete for production.

Acres not Dedicated

RECEIVED
APR 28 1976

RECEIVED
APR 15 1976
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Christie Johnson TITLE Geol. Secty DATE 4-16-76

(This space for Federal or State office use)

PERMIT NO. 30-015-20059 APPROVAL DATE _____
APPROVED BY [Signature] CONDITIONS OF APPROVAL, IF ANY: _____
THIS APPROVAL IS REVOKED IF OPERATIONS ARE NOT COMMENCED WITHIN _____ MONTHS.

SUBJECT TO ATTACHED DEEP WELL CONTROL REQUIREMENTS DATED JUN 22 1973 DATE _____

JUL 26 1976

*See Instructions On Reverse Side