

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
NM 0554756

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal "GI"

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23-17S-23E
Unit B NMFN

12. COUNTY OR PARISH
Eddy

13. STATE
NM

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 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 660' FNL & 1980' PEL of Sec. 23-17S-23E
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
5 miles east of Hope, 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.
approx. 6000'

19. PROPOSED DEPTH
approx. 6000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3921' GR

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

RECEIVED
JUL 9 1976

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"	24#	Approx. 1200'	Circulate
7-7/8"	5 1/2" or 4 1/2"	15.5-17# or 10.5-11.6#	6000'	200 sacks

Propose to drill a 6000' well to test the Pennsylvanian formation and intermediate horizons. Casing will be set thru the San Andres porosity, cement circulated. If commercial pay is encountered will run 5 1/2" or 4 1/2" casing.

Mud Program: - F.W. Gel & LCM to casing point; KCL water and Flosal Drispak mud to total depth.

BOP Program: - BOP's will be installed on 8-5/8" casing and tested, pipe rams and hydril daily, blind rams on trips.

Gas acreage not dedicated

RECEIVED
JUN 21 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 Eddy M. [Signature] TITLE Engineer DATE 6-21-76

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ADD
Verbal
JUL 1976

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

Subject to C.A.

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 21 1976

*See Instructions On Reverse Side

DECLARED WATER BASIN

NOTIFY US IN SUFFICIENT TIME TO PERMIT US TO CONDUCT THE NECESSARY SURVEYS AND TESTS.
8/2/76

MUST BE CIRCULATED