

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

2. NAME OF OPERATOR
 Yates Petroleum Corporation

3. ADDRESS OF OPERATOR
 207 S. Fourth Street, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface:
 330' FSL and 2310' FWL
 At proposed prod. zone:
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 46.75 miles east and north of Roswell, N.M. (intersection of Highways 380 & 285)

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 330'

16. NO. OF ACRES IN LEASE 240

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3600'

19. PROPOSED DEPTH 3600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4114.2' GR

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

1. LEASE DESIGNATION AND SERIAL NO. NM28004

6. IF INDIAN, ALLIANCE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME Alexander "IC"

9. WELL NO. 2

10. FIELD AND FOOT, OR WILDCAT Cato "S.A."

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 32-T8S-R30E

12. COUNTY OR PARISH Chaves

13. STATE New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	20# X42 (new)	300'	Circulate
7 7/8"	5 1/2"	15.5# K55 (new)	TD	Circulate

Mud Program: Brine Gel with LCM to TD.

BOP Program: 10" Series 900 on 8 5/8" casing and tested daily. See Exhibit D.

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MAY 18 1977

U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

18. 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 Eldon M. Hays TITLE Engineer DATE 5/17/77

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUN 16 1977

APPROVED BY Joe J. Lora TITLE ACTING DISTRICT ENGINEER DATE JUN 16 1977

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 16 1977

*See Instructions On Reverse Side

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JUL 27 1977

U.S. CONSUMER COMPL.
BUREAU