

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-24867

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

2. TYPE OF WELL  
 OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

3. NAME OF OPERATOR  
 Yates Petroleum Corporation

4. ADDRESS OF OPERATOR  
 207 S. 4th, Artesia, New Mexico 88210

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At surface  
 330' FNL and 1650' FEL  
 At proposed prod. zone  
 same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 3 miles SW of Artesia, New Mexico.

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

16. NO. OF ACRES IN LEASE  
 200

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

8. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
 1500'

19. PROPOSED DEPTH  
 1500'

20. ROTARY OR CABLE TOOLS  
 Rotary

9. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 3519' GL

22. APPROX. DATE WORK WILL START\*  
 ASAP

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 1/2"	10 3/4"	30#	appr. 320'	200 sx circulated
9 1/2"	7"	23#	appr. 1150'	400 sx circulated
6 1/4"	4 1/2"	9.5#	TD	125 sx circulated

Proposed to drill a San Andres test with approximately 320' of surface casing to shut off gravel and caving. 7" intermediate casing will be run and set 100' below the Artesian Zone and if commercial production is encountered, a string will be run, perforated and stimulated for production.

MUD PROGRAM: FW gel and LCM to 1150' (or dry drill), water to TD.

BOP PROGRAM: BOP's will be installed on 7" casing and tested daily.

18. ABOVE SPACE DESCRIBES 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.

SIGNED Kew Beardmore TITLE Regulatory Coordinator DATE 12/16/82

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY David H. Glass DATE \_\_\_\_\_

APPROVED  
 David H. Glass  
 DEC 21 1982  
 For JAMES A. GILLHAM  
 DISTRICT SUPERVISOR

RECEIVED  
 DEC 16 1982

OIL & GAS  
 MINERALS MGMT. SERVICE  
 BOSWELL, NEW MEXICO