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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE  FEE

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Name of Lease Name  
Sacra "SA"

9. Well No.  
9

10. Field and Pool, or Unit  
Unders. Pecos Slope Abo

12. County  
Chaves

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
AMENDED

b. Type of Well  
DRILL  DEEPEN  PLUG BACK   
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

2. Name of Operator  
Yates Petroleum Corporation ✓

3. Address of Operator  
207 S. 4th, Artesia, New Mexico 88210

4. Location of Well  
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE  
660 FEET FROM THE West LINE OF SEC. 19 TWP. 6S RGE. 26E NMPM

11. Proposed Depth  
4200'

13A. Formation  
Abo

12. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RL, etc.)  
3742.1' GL

21A. Kind & Status Plug. Bond  
Blanket

21B. Drilling Contractor  
not determined

22. Approx. Date Work will start  
ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5# J-55	900'	850 sx	circulated
7 7/8"	4 1/2"	9.5# J-55	TD	350 sx	

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel & LCM to 900', Brine to 3200', Brine & KCL water to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID FOR 170 DAYS  
PERMIT DATES 7-15-83  
UNLESS DRILLING UNDERWAY

*Permitted by  
2/18/83*

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed [Signature] Title Regulatory Agent Date 2/4/83

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE FEB 15 1983

CONDITIONS OF APPROVAL, IF ANY: