STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-29302

Form C-101
Revised 10-1-78

REVISED LOCATION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. Type of Well
OIL WELL [ ] GAS WELL [X] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. Name of Operator
Yates Petroleum Corporation

3. Address of Operator
207 South Fourth Street - Artesia, NM 88210

4. Location of Well
UNIT LETTER D LOCATED 833 FEET FROM THE North LINE
AND 660 FEET FROM THE West LINE OF SEC. 34 TWP. 16S RGE. 34E NMPM

5A. Indicate Type of Lease
STATE [X] FEE [ ]

5. State Oil & Gas Lease No.
LG-3562

7. Unit Agreement Name

8. Farm or Lease Name
Vacuum North ADJ St. Com

9. Well No.
1

10. Field and Pool, or Wildcat
Undes. S. Kemnitz Atoka Morrow

12. County
Lea

19. Proposed Depth	19A. Formation	20. Rotary or C.T.
13300'	Morrow	Rotary

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
4008.5' GR	Blanket	Undesignated	ASAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48# H-40	Approx. 550'	300 sacks	Circulate
12-1/4"	8-5/8"	24, 28 & 32# K-55 & S-80	" 4600'	1600 sacks	Circulate
7-7/8"	5-1/2"	17# N-80 & S-95	TD	600 sacks	

We propose to drill and test the Morrow formation and intermediate zones. Approximately 426' of surface casing will be set with cement circulated to surface to shut off gravel and cavings. Intermediate casing will be set at approximately 4600' with cement circulated. If productive, 5-1/2" casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: Spud mud to 550', native mud and oil to 4600', fresh water to 9500' and brine polymer to 13300'.

BOP PROGRAM: BOP's to be installed on intermediate casing and tested daily.

GAS NOT DEDICATED

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 Clifton R. May Title Regulatory Agent Date Nov. 25, 1985

(This space for State Use)
APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON DISTRICT I SUPERVISOR TITLE DATE JAN 20 1986

CONDITIONS OF APPROVAL, IF ANY: