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LAND OFFICE 1

OPERATOR 1

NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 12 1975

30-015-21606

Form C-101
Revised 11-65

5A. Indicate Type of Lease
STATE ☐ LEASE ☐

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Firm or Lease Name
Patterson "EL"

9. Well No.
1

10. Field and Pool, or Wildcat
Und Morrow

12. County
Eddy

19. Proposed Depth
Approx 8625'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DE, RT, etc.)
3442' GR

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Ard Drilling Co.

22. Approx. Date Work will start
August 14, 1975

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 South 4th Street - Artesia, NM 88210

4. Location of Well
UNIT LETTER M LOCATED 880 FEET FROM THE South LINE
AND 660 FEET FROM THE West LINE OF SEC. 31 TWP. 17S RGE. 26E NMPM

19. Proposed Depth
Approx 8625'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DE, RT, etc.)
3442' GR

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Ard Drilling Co.

22. Approx. Date Work will start
August 14, 1975

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"	12-3/4 or 13-3/8	34 or 48#	Approx 300	200 sx - Circulate	
12 1/4"	8-5/8"	24#	" 1300	Circulate	
7-7/8"	4 1/2 or 5 1/2"	10.5-11.6 or 15.5 or 17#	" 8600	250 sacks	

Non-Standard location approved by OCC Order No. 5061, Case No. 5520. Propose to drill and test the Morrow formation and intermediate zones. Approx. 360' of surface casing will be set, cement circulated, to shut off gravel and cavings. Intermediate casing will be set 100' below the Artesian zone, cement circulated. If a producer, either 4 1/2" or 5 1/2" casing will be run and cemented.

Mud Program: - F.W. Gel & LCM to 1300', Fresh Water to 5300', KCL water to 7900'. Lo fluid loss mud to TD.

BOP Program: - BOP's to be installed on Intermediate Casing and tested, Pipe rams daily, blind rams on trips.

See attached

APPROVAL VALID FOR 90 DAYS UNLESS DRILLING COMMENCED,

11-13-75

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE FLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Eddie M. Washburn Title Engineer Date 8-12-75

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE AUG 13 1975

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing the 8 7/8" casing