

O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 10-1-78

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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L-6779

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well
OIL WELL ☐ GAS WELL ☒ OTHER ☐
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 S. 4th, Artesia, New Mexico 88210

Location of Well

UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE

660 FEET FROM THE West LINE OF SEC. 14 TWP. 14S RGE. 27E

7. Unit Agreement Name

8. Farm or Lease Name

Long Arroyo "OD" St

9. Well No.

12

10. Field and Pool, or Wildcat

Morrow

12. County

Chaves

19. Proposed Depth 8100'	19A. Formation Morrow	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Landis #4	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
17 1/2"	13 3/8"	48# J-55	appr. 300'	250 sx	circulated
12 1/4"	8 5/8"	24# J-55	Appr. 1600'	1000 sx	circulated
7 7/8"	5 1/2" or 4 1/2"	17# K&N 11.6 K&N	TD	800 sx	

We propose to drill and test the Morrow and intermediate formations. Approximately 300' of surface casing will be set and cement circulated to shut off gravel and caving. Intermediate casing will be run to 1600' 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, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 1600', FW to 4000', KCL water to 6600', starch-driskpak-KCL to 7400', flosal-driskpak-KCL mud to TD, MW 8.9-9.0, Vis 34-39, WL 10-7.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 1-30-83

UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION 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.

By [Signature] Title Regulatory Coordinator Date 7/28/82

(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JUL 29 1982

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient
time to witness cementing

the 3 5/8 casing