

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

Name of Operator

Mid-America Petroleum, Inc.

Address of Operator

P. O. Box 2515, Midland, TX 79702

Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE

1650 FEET FROM THE East LINE OF SEC. 2 TWP. 19S RGE. 34E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

New Mexico State

9. Well No.

3

10. Field and Pool, or Wildcat

East La Rica Morrow

12. County

Lea

19. Proposed Depth

13,700

19A. Formation

Morrow

20. Rotary or C.T.

Rotary

Elevations (show whether D.P., K.I., etc.)

3973 GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

Mid-America Drilg. & Expl.

22. Approx. Date Work will start

5-19-82

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#	500'	550	Surface
12-1/4"	8-5/8"	32# & 24#	4400'	750	Surface
7-7/8"	5-1/2"	17#	13,700'	1000	9000'

Drill a 17-1/2" hole with fresh water to 500', run and set 13-3/8" casing, circulate cement to surface. WOC 18 hrs. NUBOP. Test casing and BOP to 600 psi. Drill out and drill ahead in 12-1/4" hole with cut brine to 4400'. Run and set 8-5/8" casing at 4400'. Cement with 750 sx., circulate cement. WOC 18 hrs. NUBOP. Test casing and BOP's to 2500 psi. Drill ahead w/cut brine in 7-7/8" hole. Mud up at 11,000' + to a 36 to 40 viscosity, 9.8# to 10.6# mud weight. Drill ahead to 13,700', drill stem testing significant shows as indicated from drilling time, samples, and mud log "kicks". Run open hole logs. Run 5-1/2" 17# casing to TD and cement w/1000 sx. MORT.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-18-82
UNLESS DRILLING UNDERWAY

* BOP 13 3/8" 5000#
8 5/8" 10000#

NOTE: SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION. 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.

Signature: Charles J. Lane Title: Production Manager Date: May 14, 1982

(This space for State Use)

ORIGINAL SIGNATURE

APPROVED BY: JEFFREY TITLE: DATE: MAY 18 1982

CONDITIONS OF APPROVAL, IF ANY:

*see above