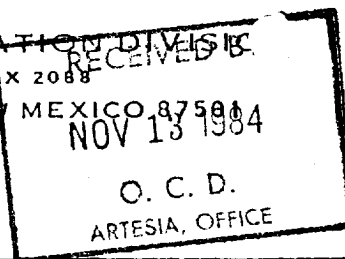


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

U.S. CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501



Form C-101
Revised 10-1-78
30-015-25098

5A. Indicate Type of Lease
STATE ☐ FEDERAL ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		8. Farm or Lease Name Lightfoot "Com"
2. Name of Operator Pogo Producing Company		9. Well No. 2
3. Address of Operator P. O. Box 10340 Midland, Texas 79702		10. Field and Pool, or Wildcat Malaga Morrow
4. Location of Well UNIT LETTER P LOCATED 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE OF SEC. 14 TWP. 24-S RGE. 28-E NMDM		12. County Eddy
15. Proposed Depth 13,000'		19A. Formation Morrow
20. Rotary or C.T. Rotary		22. Approx. Date Work will start November 15, 1984
1. Elevations (show whether DT, KI, etc.) GR 2978.5'		21A. Kind & Status Plug. Bond Blanket on file
21B. Drilling Contractor NA		

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	600	600	Circulate
12 1/4	10 3/4	40.50	2650	650	Circulate
9 1/2	7 5/8	26.40 & 29.70	9800	950	5100'
6 1/2	5	18	13000	310	9400' Circulate

Proposal is to drill to the Barnett and test the Morrow. Cement will be circulated to the surface on the 13 3/8" and 10 3/4" casing strings.

Possible zones for DST are the Delaware, Bone Springs, Wolfcamp, Strawn, Atoka and Morrow. Adequate logs will be run to evaluate all zones from the Delaware to total depth.

Mud Program: Spud mud to 600'. Brine to 2650'. Cut brine to 9800'. Brine and KCL Polymer to total depth.

BOP Program: 600' to 9800', 3000# WP. 9800' to total depth, 10,000# WP.

Gas on the lease is dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 6-18-85
UNLESS DRILLING UNDERWAY

4. 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.

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

Signed Mike Williams Title Division Operations Manager Date 11-2-84

(This space for State Use) Original Signed By
Mike Williams
Oil & Gas Inspector

APPROVED BY _____ DATE NOV 16 1984

CONDITIONS OF APPROVAL, IF ANY:

NSL R-7716
Rev. 11-7-84