

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

RECEIVED
JUN 13 '90

API NO. (assigned by OCD on New Wells)
30-015-25098

5. Indicate Type of Lease
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:

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

2. Name of Operator

Pogo Producing Company

7. Lease Name or Unit Agreement Name

Lightfoot "Com"

3. Address of Operator

P. O. Box 10340, Midland, Texas 79702-7340

8. Well No.

2

9. Pool name or Wildcat

Malaga Morrow

4. Well Location

Unit Letter P : 660 Feet From The South Line and 660 Feet From The East Line

Section 14 Township 24-S Range 28-E NMPM Eddy County

10. Proposed Depth
N/A

11. Formation
Atoka - Plug back

12. Rotary or C.T.
0-12,820

13. Elevations (Show whether DF, RT, GR, etc.)
2978.5' GR

14. Kind & Status Plug. Bond

15. Drilling Contractor

16. Approx. Date Work will start
7/15/90

17. 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"	61 K-55	600'	800	Surface
12-1/4"	10-3/4"	40.5 K-55	2660'	1850	Circ. 540 sxs
9-1/2"	7-5/8"	29.70 - 26.40	9820'	1200-DV tool @	5802 4430
6-1/2"	5" liner	18	9424 Top 12820 Bot	510	

Proposal: Due to low current production (80-85 MCFPD, 20-25 days/month), in the existing Morrow zone (12,709-12,766'), Pogo has elected to leave same and test the following Atoka zone: 11,972-11,978'.

Procedure: Load hole with 10#/gal brine, ND tree, NU BOP, retrieve packer @ 12,638', set CIBP @ 12,675'. Dump 50' cement on same to 12,625'. GIH testing tubing to 8500 psi. Spot acid, set packer @ 11,900'. Perf thru tubing 11,972-78' (4 spf). Treat carbonate with acid. Flow test for state potential.

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.

SIGNATURE Richard L. Wright TITLE Dist. Drlg. & Prod. Supt. DATE 6/11/90

TYPE OR PRINT NAME Richard L. Wright TELEPHONE NO. 915/682-682

(This space for State Use)

ORIGINAL SIGNED BY
MIKE WILLIAMS
SUPERVISOR, DISTRICT II

APPROVED BY _____ TITLE _____ DATE JUN 12 1990

CONDITIONS OF APPROVAL, IF ANY: