

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-103
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.	
L-4780	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☒ GAS WELL ☐ OTHER-		7. Unit Agreement Name
2. Name of Operator Pogo Producing Company		8. Farm or Lease Name NBR
3. Address of Operator P.O. Box 10340, Midland, Texas 79702		9. Well No. 2
4. Location of well UNIT LETTER <u>F</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1864</u> FEET FROM THE <u>West</u> LINE, SECTION <u>18</u> TOWNSHIP <u>22-S</u> RANGE <u>33-E</u> NMPM.		10. Field and Pool, or Wildcat Bootleg Ridge Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3630.8' GR		12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

5/6/82 TD 4851. Reached 12 1/4" hole TD. Circ & Prep to run 10 3/4" Csgs

5/7/82 TD 4851. Ran 116jt 10 3/4" Csg (4886.27'), float shoe - 1.0', float collar - 1.5', Total 4888.77 (1529.19' 51# K-55 STC, 1009.24' 45.5# K-55 STC, and 2347.84' 40.5# K-55). Float shoe landed at 4851'. Float collar at 4804'. Circ 1 hr and cmt w/1350sx Halliburton Lite w/1/4# Flocele/sx + 5# gilsnite/sx + 15# salt/sx followed by 300sx class "C" w/3# salt/sx. Bumped plug w/1800psi at 2 AM MDT 5/7/82. Circ 350sx cmt. WOC 3 hr.

5/8/82 TD 4851. ND BOE. NU BOE.

5/9/82 TD 5030. Test BOE to 5000psi. Test Hydril to 3000psi. OK. RIH. Test Csg to 1000psi-OK. Drl cmt plug & float collar. Test to 1000psi OK. Drl casing shoe. Drl new formation. Total WOC time 27 1/4 hr.

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

SIGNED James R. Henry TITLE Division Engineer DATE _____

APPROVED BY JERRY SEATON TITLE _____ DATE MAY 17 1982

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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OPERATOR	

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. L-4780

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL ☐ GAS ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Pogo Producing Company	8. Farm or Lease Name NBR
3. Address of Operator P.O. Box 10340 Midland, Texas 79702	9. Well No. 2
4. Location of Well UNIT LETTER <u>F</u> <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1864</u> FEET FROM THE <u>West</u> LINE, SECTION <u>18</u> TOWNSHIP <u>22-S</u> RANGE <u>33-E</u> NMPM.	10. Field and Pool, or Wildcat Bootlea Ridge Morrow
15. Elevation (Show whether DF, RT, GR, etc.) 3630.8' GR	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☒	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

4/25/82 TD 770'. Reached 13 3/8" csg point at 770'. POH. Ran 18 jts (765.68') 13 3/8" 54.5# K-55 ST&C csg, Guide shoe 1' & FC 1.50' (total 768.18') centralizers on 1, 3, and 5 jts. Float shoe at 768'. Float collar at 724'. Halliburton cmt w/800 sx Class "C" w/2% CaCl₂ plus 1/4#/sx Flocele. Circ 350 sx cmt. Bumped plug at 1:15 pm. MST 4/24/82. WOC 14 3/4 hr & NU.

4/26/82 TD 1310' WOC 5 hrs. Finish NU BOE. RIH. Test BOE and csg to 1000 psi 30 minutes - ok. Drill plug and cmt. Drill new formation.

MAY 13 1982
OIL CONSERVATION DIVISION
SANTA FE
WCC-18415

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

SIGNED <u>Jim Henry</u>	TITLE <u>Division Engineer</u>	DATE <u>4/27/82</u>
ORIGINAL SIGNED BY JERRY SEXTON		
APPROVED BY <u>DISTRICT 1 SUPR</u>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

30-025-27780

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-101
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEEL ☐

5. State Oil & Gas Lease No.
L-4780

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

7. Unit Agreement Name

8. Farm or Lease Name
NBR

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
Bootleg Ridge Morrow

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE
AND 1864 FEET FROM THE West LINE OF SEC. 18 TWP. 22-S RGE. 33-E NMPM

UNDESIGNATED

12. County
Lea

19. Proposed Depth 15,300'	19A. Formation Morrow	20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RL, etc.) 3630.8' GR	21A. Kind & Status Plug. Bond Blanket on file	21B. Drilling Contractor Warton Drilg. Co.
		22. Approx. Date Work will start March 29, 1982

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	760	750	Circulate
12 1/4"	10 3/4"	40.5 & 45.5	5000	1400	Circulate
9 1/2"	7 5/8"	26.40 & 29.70	12,060	800	8000
6 1/2"	5	18	15,300	540	11,600

We propose to drill to the Barnett and test the Morrow formation. Cement will be circulated to the surface on both the surface and intermediate strings. The 7 5/8" casing will be set in the Wolfcamp and cement will be brought above any pay zone in the Bone Springs.

Mud Program:

Spud mud to 760', brine to 5000', drill out under 10 3/4" with fresh water and cut brine through Bone Springs. KCL-Polymer/brine to total depth.

BOP Program:

From 760' to 5000' - 12" Shaffer 900 Series.
From 5000' to 15300' - 10" Cameron ORC 1500 Series.
(See attached sketch)

Gas on this lease is dedicated to Llano, Inc.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/22/82
UNLESS DRILLING UNDERWAY

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.

Signed B. Williams Title Division Operations Manager Date March 19, 1982

(This space for State Use)

ORIGINAL SIGNED BY

APPROVED BY JERRY SEXTON TITLE DISTRICT SUPERVISOR DATE MAR 22 1982

CONDITIONS OF APPROVAL