

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

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-105
Revised 1-1-89

WELL API NO.

30-015-29309

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF RESVR ☐

OTHER ☐

2. Name of Operator

Pogo Producing Company

3. Address of Operator

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

4. Well Location

Unit Letter I : 2260 Feet From The South Line and 330 Feet From The East Line

Section 15 Township 24S Range 29E NMPM Eddy County

10. Date Spudded

1/29/97

11. Date T.D. Reached

2/11/97

12. Date Compl. (Ready to Prod.)

2/22/97

13. Elevations (DF & RKB, RT, GR, etc.)

2930' GR

14. Elev. Casinghead

2929'

15. Total Depth

8022'

16. Plug Back T.D.

7977'

17. If Multiple Compl. How Many Zones? ---

18. Intervals Drilled By

Rotary Tools

Cable Tools

0'-8022'

19. Producing Interval(s), of this completion - Top, Bottom, Name

7838'-62' Bone Spring

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DIL-CNL-CBL

22. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4	40.5#	560'	14-3/4	600 sxs-circ 25 sxs	
7-5/8	26.9#	2900'	9-7/8	900 sxs-circ 115 sxs	
4-1/2	11.6#	8022'	6-3/4	1524 sxs-TOC @ 2160'	

24. LINER RECORD

25. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7691	7697

26. Perforation record (interval, size, and number)

7838'-62' (48 - .38" dia holes)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7838'-62'	Acidz w/ 1000 gals 15% HCL
	Frac w/ 120,000# 16/30 sand

28. PRODUCTION

Date First Production 2/23/97	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing					Well Status (Prod. or Shut-in) Producing	
Date of Test 3/8/97	Hours Tested 24	Choke Size 14/64"	Prod'n For Test Period	Oil - Bbl. 129	Gas - MCF 675	Water - Bbl. 80	Gas - Oil Ratio 5232:1
Flow Tubing Press. 1140 psi	Casing Pressure 0	Calculated 24-Hour Rate	Oil - Bbl. 129	Gas - MCF 675	Water - Bbl. 80	Oil Gravity - API - (Corr.) 42.8	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Terry Coor

30. List Attachments

C-104, Logs, Sundry, Deviation Survey

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Barrett L. Smith

Printed Name

Barrett L. Smith

Title

Sr. Oper. Eng

Date

3/18/97

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinebry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____
T. Drinkard _____	T. Bone Springs _____
T. Abo _____	T. _____
T. Wolfcamp _____	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology
			Basal Anhydrite 2798
			Delaware Lime 3008
			Bell Canyon 3027
			Cherry Canyon 3864
			Brushy Canyon 5128
			Bone Spring 6730

INCLINATION REPORT	
1. FIELD NAME	2. LEASE NAME Harroun 15- #4
3. OPERATOR Pogo Producing Company	
4. ADDRESS P.O. Box 10340, Midland, tx. 79702	
5. LOCATION (Section, Block, and Survey) Sec. 15, T-24-S, R-29-E, Eddy N.M.	

CONFIDENTIAL

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Accumulative total displacement of well bore at total depth of Inclinometer measurements were made in : ☐ Tubing ☐ Casing ☐ Open Hole ☒ Drill Pipe 8022' feet = 118.18 feet.

Certified By Jean Ellis Davis Date _____