

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

2040 Pacheco St.
Santa Fe, NM 87505

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.

7. Lease Name or Unit Agreement Name

Harroun 15

8. Well No.
4

9. Pool name or Wildcat
Pierce Crossing Bone Spring, E.

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 01/29/97 11. Date T.D. Reached 02/11/97 12. Date Compl. (Ready to Prod.) 02/22/97 13. Elevations (DF & RKB, RT, GR, etc.) 2930' 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 0-8022 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name
Bone Spring 7838-62 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 sks-circ 25 sks	
7-5/8	26.9	2900	9-7/8	900 sks-circ 115 sks	
4-1/2	11.6	8022	6-3/4	1524 sks-TOC @ 2160	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7691	

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	Acdz w/ 1000 gals 15% HCL Frac w/ 120,000# 16/30 sand

PRODUCTION

Date First Production 02/23/97		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 03/08/97	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	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
C104, 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 Cathy Wright Printed Name Cathy Wright Title Sr. Oper. Tech Date 09/24/03

INCLINATION REPORT

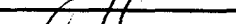
1. FIELD NAME	2. LEASE NAME
	Harroun 15- #4
3. OPERATOR	
Pogo Producing Company	
4. ADDRESS	
P.O. Box 10340, Midland, tx. 79702	
5. LOCATION (Section, Block, and Survey)	
Sec. 15, T-24-S, R-29-E, Eddy N.M.	

RECORD OF INCLINATION

[illegible]

Accumulative total displacement of well bore at total depth of 8022' feet = 118.18 feet.

Inclination measurements were made in : ☐ Tubing ☐ Casing ☐ Open Hole ☒ Drill Pipe

 Signature of Authorized Representative L.V. Bohannon, Drilling Superintendent Name of Person and Title (type or print) Lakota Drilling Company Name of Company Telephone 915-570-5560 Area Code	 Signature of Authorized Representative Name of Person and Title (type or print) Name of Company Telephone Area Code
---	---

Certified By

Jean Ellis Osira

Date _____

DISTRICT I
P.O. Box 1930, Hobbs, NM 88241-1930

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

DISTRICT IV
P.O. Box 2088, Santa Fe, NM 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29309	Pool Code 96473	Pool Name Pierce Crossing Bone Spring, East
Property Code 17565	Property Name HARROUN 15	Well Number 4 I
GRID No. 017891	Operator Name POGO PRODUCING COMPANY	Elevation 2938'

Surface Location

UL or lot No. 1	Section 15	Township 24 S	Range 29 E	Lot Idn	Feet from the 2260	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. Signature Cathy Wright Printed Name Sr. Operation Tech Title 09/24/03 Date	
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. DECEMBER 5, 1996 Date Surveyed JLP Signature & Seal Professional Surveyor NEW MEXICO Surveyor License No. 2696 P.O. Num. 96-171600 Certificate No. JOHN B. WEST, 676 RONALD EIDSON, 3239 GARY S. EIDSON, 12841	