

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-105
Revised 1-1-89

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

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

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

WELL API NO. 30-015-28637 29763
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 M : 330 Feet From The South Line and 330 Feet From The West Line
Section 15 Township 24S Range 29E NMPM Eddy County

CONFIDENTIAL

7. Lease Name or Unit Agreement Name Harroun 15
8. Well No. 2
9. Pool name or Wildcat Cedar Canyon Delaware

10. Date Spudded 9/20/97 11. Date T.D. Reached 9/27/97 12. Date Compl. (Ready to Prod.) 10/4/97 13. Elevations (DF& RKB, RT, GR, etc.) 2926' GR 14. Elev. Casinghead 2925'
15. Total Depth 5480' 16. Plug Back T.D. 5414' 17. If Multiple Compl. How Many Zones? --- 18. Intervals Drilled By Rotary Tools 0'-5480' Cable Tools ---
19. Producing Interval(s), of this completion - Top, Bottom, Name 5254'-68' Delaware (MD & TVD) 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#	571'	14-3/4	600 sxs-circ 43sxs	
5-1/2	15.5#	5480'	7-7/8	475 sxs-TOC @ 3000'	

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5173'	

26. Perforation record (interval, size, and number) 5254'-68' (28-- .50" dia holes)
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
5254'-68' Acdz w/ 1000 gals 7-1/2% HCL
Frac w/ 47,000# 16/30 sand

PRODUCTION

Date First Production 10/13/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Well Status (Prod. or Shut-in) Producing
Date of Test 10/16/97 Hours Tested 24 hrs Choke Size --- Prod'n For Test Period Oil - Bbl. 45 Gas - MCF 54 Water - Bbl. 141 Gas - Oil Ratio 1200:1
Flow Tubing Press. --- Casing Pressure --- Calculated 24-Hour Rate Oil - Bbl. 45 Gas - MCF 54 Water - Bbl. 141 Oil Gravity - API - (Corr.) 38.9

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold Test Witnessed By Terry Coor

30. List Attachments Logs, C-104, 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 [Signature] Printed Name Barrett L. Smith Title Sr. Oper. Eng Date 10/22/97

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 3, from.....to.....
 No. 2, 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	From	To	Thickness in Feet	Lithology
			Basal Anhydrite				
			Delaware Lime				
			Bell Canyon				
			Cherry Canyon				
			Brushy Canyon				
			2738				
			2950				
			2994				
			3816				
			5045				