

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										5. Lease Serial No. NM-89819			
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____										6. If Indian, Allottee or Tribe Name			
2. Name of Operator Pogo Producing Company										7. Unit or CA Agreement Name and No.			
3. Address P.O. Box 10340, Midland, TX 79702					3a. Phone No. (include area code) 432-685-8100					8. Lease Name and Well No. Patton 18 Federal #7			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 430' FSL & 990' FWL, Section 18 At top prod. interval reported below same At total depth same										9. AFI Well No. 30-015-33731			
14. Date Spudded 03/24/05										15. Date T.D. Reached 04/11/05		10. Field and Pool, or Exploratory Poker Lake Delaware NW	
16. Date Completed 4/28/05 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.										11. Sec., T., R., M., on Block and Survey or Area 18/24S/31E			
18. Total Depth: MD TVD 8270										19. Plug Back T.D.: MD TVD 8215		12. County or Parish Eddy County	
20. Depth Bridge Plug Set: MD TVD										13. State NM			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) LDCN/GR, AIL										17. Elevations (DF, RKB, RT, GL)*			
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)													
23. Casing and Liner Record (Report all strings set in well)													
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled				
17-1/2	13-3/8	54.5		946		750 C		surface					
		& 48											
11	8-5/8	32		4185		1250 C		surface					
7-7/8	4-1/2	11.6		8270		1675 C		TOC 2600'					
24. Tubing Record													
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)					
2-3/8	7728												
25. Producing Intervals													
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status							
A) Delaware			7936-48,		12								
B)			8020-34		14								
C)													
D)													
26. Perforation Record													
27. Acid, Fracture, Treatment, Cement Squeeze, etc.													
Depth Interval				Amount and Type of Material									
7936-8034 (OA)				Acidz w/ 1500 gals 7-1/2% acid									
				Frac w/ 129,000# 20/40 sd									
28. Production - Interval A													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
4/28/05	5/2	24	→	89	109	205	41.0		Pumping				
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					
							1225:1	Producing					
28a. Production - Interval B													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method				
			→										
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status					

\*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

**Sold**

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers


Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Basal Anhydrite	4045				
Delaware Lime	4263				
Bell Canyon	4291				
Cherry Canyon	5168				
Manzanita	5345				
Brushy Canyon	6463				
Bone Spring	8130				

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geologic Report   
 ☐ DST Report   
 ☒ Directional Survey  
☒ Sundry Notice for plugging and cement verification   
 ☐ Core Analysis   
☒ Other: C-104, C-102

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cathy Wright      Title Sr. Eng Tech  
 Signature       Date 05/05/05

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.