

N.M. Oil Cons. DIV-Dist. 2  
1301 W. Grand Avenue  
Alamosa, NM 88210

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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.  
Other \_\_\_\_\_

2. Name of Operator

Pogo Producing Company

3. Address

P.O. Box 10340, Midland, TX

3a. Phone No. (include area code)

432-685-8100

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 660' FNL & 1980' FEL

At top prod. interval reported below same

At total depth same

14. Date Spudded

09/08/04

15. Date T.D. Reached

09/27/04

16. Date Completed 10/18/04

☐ D & A ☒ Ready to Prod.

18. Total Depth: MD

TVD 8270

19. Plug Back T.D.: MD

TVD 8146

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☐ No ☒ 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		900		1100		surface	
11	8-5/8	32		4170		1450		surface	
7-7/8	5-1/2	15.5 & 17		8270		1570		surface	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8	7842							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7950	8047	1 spf			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7950-8047 (OA)	Acidz w/ 1500 gals 7-1/2% acid
	Frac w/ 98,0-0# 20/40 TLC + 40,820# SLC

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
10/18/04	10/20	24	→	190	182	150	43.0		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				958:1	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)

ACCEPTED FOR RECORD

NOV - 4 2004

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 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	4061				
Delaware Lime	4280				
Bell Canyon	4309				
Cherry Canyon	5190				
Brushy Canyon	6512				
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

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 TechSignature *Cathy Wright* Date 10/26/04

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.

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT

 FORM APPROVED  
 OM B No. 1004-0137  
 Expires: March 31, 2007

## SUNDRY NOTICES AND REPORTS ON WELLS

 Do not use this form for proposals to drill or to re-enter an  
 abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side

 1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator Pogo Producing Company

3a. Address P.O. Box 10340, Midland, TX

 3b. Phone No. (include area code)  
 432-685-8100

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FNL &amp; 1980' FEL, Section 18, T24S, R31E

 5. Lease Serial No.  
 NM-89819

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

 8. Well Name and No.  
 Patton 18 Federal #3

 9. API Well No.  
 30-015--3451

 10. Field and Pool, or Exploratory Area  
 Poker Lake Delaware, W.

11. County or Parish, State

Eddy County, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drlg operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Intermediate Csg - Drld 11" hole to 4170'. TD reached @ 06:00 hrs 09/16/04. Ran 96 jts 8-5/8" 32# J-55 ST&C csg. Cmt'd w/ 1250 sks 35:65:6 @ 12.4 ppg followed by 200 sks Cl "C" + 2% CaCl2 @ 14.8 ppg. Plug down @ 0:00 hrs 09/18/04. Circ 170 sks to surface. WOC 24 hrs. Make cut-off. Install WH. NU BOP's & test ok.

TD & Production Csg - Drld 7-7/8" hole to 8270'. TD reached @ 16:30 hrs 09/27/04. Logged w/ Schlumberger. Ran 185 jts 5-1/2" 15.5# & 17# J-55 LT&C csg. Cmt'd 1st stage w/ 560 sks Cl "H" + additives @ 15.7 ppg. Circ 70 sks to surface. Cmt'd 2nd stage w/ 560 sks Cl "C" + additives @ 14.1 ppg. Circ 36 sks to surface. Cmt'd 3rd stage w/ 350 sks 35:65:6 @ 12.4 ppg followed by 100 sks Cl "C" Neat @ 14.8 ppg. Circ 27 sks to surface. Ran CBL 10/06/04. TOC @ surface.

ACCEPTED FOR RECORD

NOV - 4 2004

 14. I hereby certify that the foregoing is true and correct  
 Name (Printed/Typed)

Cathy Wright

Title Sr Eng Tech

Signature

Cathy Wright

Date 10/26/04

 ALEXIS C. SWOBODA  
 PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

 Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
 certify that the applicant holds legal or equitable title to those rights in the subject lease  
 which would entitle the applicant to conduct operations thereon.

Title

Date

Office

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.

(Instructions on page 2)