

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

**CONFIDENTIAL**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. Resvr.,  
Other \_\_\_\_\_

2. Name of Operator  
Pogo Producing Company

3. Address P. O. Box 10340, Midland, TX 79702 3a. Phone No. (include area code) 432-685-8100

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

At surface 1980' FNL &amp; 660' FWL

At top prod. interval reported below same

At total depth same

14. Date Spudded  
04/23/0415. Date T.D. Reached  
05/08/0416. Date Completed  
☐ D & A ☒ Ready to Prod.18. Total Depth: MD 8200  
TVD19. Plug Back T.D.: MD 8140  
TVD20. Depth Bridge Plug Set: MD  
TVD

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

HDIL, ZDL/CN

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48		690		675		surface	
11	8-5/8	32&24		4130		1600		surface	
7-7/8	4-1/2	11.6		8200		2100		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)
2-3/8	7791							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware			7861-7989		25	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
7861-7989	Acid w/ 1800 gals 7-1/2% acid Frac w/ 77,000# 16/30 TLC + 44,000# 16/30 SLC

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## 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
05/24/04	5/28/04	24	→	87	75	157			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→				862:1	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)

## 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 Anhy	4010				
Delaware Lime	4232				
Bell Canyon	4261				
Cherry Canyon	5145				
Brushy Canyon	6380				
Bone Spring	8033				

## 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:

## 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. Operation Tech

Signature

Cathy Wright

Date

06/08/04

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.

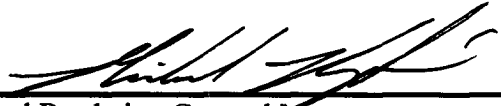
Pogo Producing Company  
P.O. Box 10340  
Midland, TX 79702-7340

Sundance Federal #23  
Eddy County, New Mexico

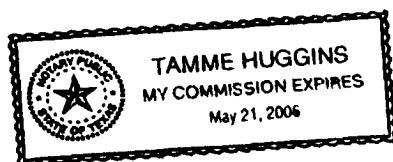
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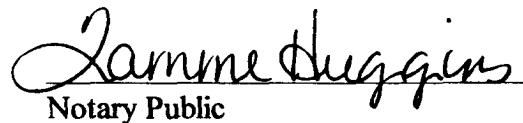
240	2.4	1	1.75	4.20	4.20
509	2.69	1	1.75	4.71	8.91
690	1.81	1 1/4	2.19	3.96	12.87
858	1.68	1 3/4	3.06	5.15	18.01
1203	3.45	1 1/4	2.19	7.55	25.56
1548	3.45	3/4	1.31	4.53	30.09
1895	3.47	1 1/4	2.19	7.59	37.68
2242	3.47	2 1/4	3.94	13.66	51.34
2589	3.47	1	1.75	6.07	57.41
2935	3.46	1/2	0.88	3.03	60.44
3282	3.47	1	1.75	6.07	66.51
3627	3.45	2	3.50	12.08	78.59
3970	3.43	2 1/4	3.94	13.51	92.09
4490	5.2	1	1.75	9.10	101.19
4837	3.47	2	3.50	12.15	113.34
5215	3.78	2	3.50	13.23	126.57
5561	3.46	1 1/4	2.19	7.57	134.14
5907	3.46	1 1/4	2.19	7.57	141.71
6254	3.47	1 1/2	2.63	9.11	150.82
6600	3.46	3/4	1.31	4.54	155.36
6947	3.47	3/4	1.31	4.55	159.91
7294	3.47	1 1/4	2.19	7.59	167.50
7641	3.47	1 1/2	2.63	9.11	176.61
8020	3.79	1 1/4	2.19	8.29	184.90
8200	1.8	1 1/4	2.19	3.94	188.84

CONFIDENTIAL

  
Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 13<sup>th</sup> day of May, 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.



  
Notary Public