

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

5. Lease Serial No.
NM-11038

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
Pogo Producing Company

8. Lease Name and Well No.
Cimarron 23 Federal #3

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

9. AFI Well No.
30-015-33550

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

At surface 2310' FSL & 1650' FWL

At top prod. interval reported below same

At total depth same

10. Field and Pool, or Exploratory
Brushy Draw Delaware

11. Sec., T., R., M., on Block and
Survey or Area 23/26S/29E

12. County or Parish Eddy County 13. State NM

14. Date Spudded 08/21/04 15. Date T.D. Reached 09/04/04 16. Date Completed 10/14/04
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
2904'

18. Total Depth: MD TVD 5322 19. Plug Back T.D.: MD TVD 5234

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DLL/MGRD, SDL/DSN

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
12-1/4	8-5/8	32		621		1105		surface	
7-7/8	4-1/2	11.6		5322		1000		2560'	

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	5057							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	5098	5118	2 spf			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5098-5118	Acid w/ 1000 gals 7-1/2% acid Frac w/ 22,040# 16/30 white sd + 16,460# 16/30 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
10/14/04	10/18	14	→	8	0	71	36.2		Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	14	0	122		Producing	

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OOD-ARTESIA

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.)

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	2772				
Delaware Lime	2962				
Bell Canyon	2988				
Cherry Canyon	3829				
Brushy Canyon	5134				

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: C104

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

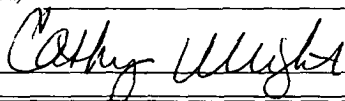
Name (please print)

Cathy Wright

Title

Sr Eng Tech

Signature



Date

10/26/04

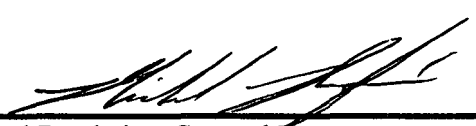
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

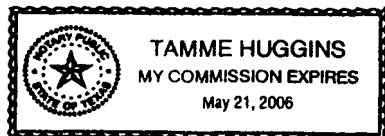
Cimarron 23 Federal #3
Eddy County, New Mexico

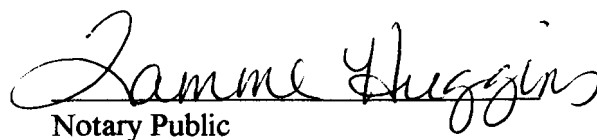
429	4.29	1	1.75	7.51	7.51
621	1.92	1 1/2	2.63	5.04	12.55
780	1.59	3/4	1.31	2.09	14.63
909	1.29	1/2	0.88	1.13	15.76
1032	1.23	1/4	0.44	0.54	16.30
1312	2.8	1/4	0.44	1.23	17.53
1592	2.8	2 1/4	3.94	11.03	28.55
1718	1.26	2 1/4	3.94	4.96	33.51
1842	1.24	2	3.50	4.34	37.85
1968	1.26	2 1/4	3.94	4.96	42.81
2249	2.81	1 3/4	3.06	8.61	51.42
2527	2.78	1 3/4	3.06	8.51	59.93
2806	2.79	3/4	1.31	3.66	63.60
3084	2.78	1	1.75	4.87	68.46
3365	2.81	1	1.75	4.92	73.38
3642	2.77	1 1/4	2.19	6.06	79.44
3921	2.79	1 1/4	2.19	6.10	85.54
4204	2.83	1 1/4	2.19	6.19	91.73
4481	2.77	1	1.75	4.85	96.58
4762	2.81	3/4	1.31	3.69	100.27
5039	2.77	1	1.75	4.85	105.11
5322	2.83	1	1.75	4.95	110.07

CONFIDENTIAL


Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 7th day of Sept., 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.




Notary Public