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Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 03 2004

CONFIDENTIAL

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

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. 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

5. Lease Serial No.
NM-89819

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Patton 18 Federal #3
9. AFI Well No.
30-015-33451

10. Field and Pool, or Exploratory
Poker Lake Delaware, NW.
11. Sec., T., R., M., on Block and Survey or Area 18/24S/31E

12. County or Parish Eddy 13. State NM

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.

17. Elevations (DF, RKB, RT, GL)*
3541'

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 Sks. & 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		8270		1570		surface	
		8.17							

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)						

26. Perforation Record

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	10/20/04	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)

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				
DeTaware 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 Tech
 Signature *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.

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

Patton 18 Federal # 3
Eddy County, New Mexico

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176	1.76	3/4	1.31	2.31	2.31
326	1.5	3/4	1.31	1.97	4.28
475	1.49	1/4	0.44	0.65	4.93
598	1.23	1 1/4	2.19	2.69	7.62
749	1.51	1	1.75	2.64	10.26
960	2.11	1	1.75	3.69	13.96
1232	2.72	3/4	1.31	3.57	17.53
1511	2.79	1/2	0.88	2.44	19.97
1794	2.83	3/4	1.31	3.71	23.68
2076	2.82	1/2	0.88	2.47	26.15
2353	2.77	1/2	0.88	2.42	28.57
2634	2.81	3/4	1.31	3.69	32.26
2914	2.8	1 1/4	2.19	6.13	38.39
3222	3.08	3/4	1.31	4.04	42.43
3470	2.48	1	1.75	4.34	46.77
3782	3.12	1 1/2	2.63	8.19	54.96
4090	3.08	2 3/4	4.81	14.82	69.78
4170	0.8	2 3/4	4.81	3.85	73.63
4295	1.25	2	3.50	4.38	78.01
4574	2.79	2	3.50	9.77	87.77
4699	1.25	1 1/2	2.63	3.28	91.05
4983	2.84	1 1/2	2.63	7.46	98.51
5259	2.76	1 3/4	3.06	8.45	106.96
5538	2.79	1 3/4	3.06	8.54	115.50
5818	2.8	1/2	0.88	2.45	117.95
6096	2.78	1/2	0.88	2.43	120.39
6370	2.74	3/4	1.31	3.60	123.98
6650	2.8	1 1/4	2.19	6.13	130.11
6932	2.82	1	1.75	4.94	135.04
7232	3	1	1.75	5.25	140.29
7512	2.8	1 1/4	2.19	6.13	146.42
7791	2.79	1 1/2	2.63	7.32	153.74
8073	2.82	1 1/4	2.19	6.17	159.91
8280	2.07	1 1/2	2.63	5.43	165.34



Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 30th day of Sept, 2004 by Michael Roghair, General Manager CapStar Drilling, L.P.



Notary Public

