

Form 3160-4
(April 2004)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTWELL COMPLETION OR RECOMPLETION REPORT AND LOG
RECEIVED
OCD - ARTESIAFORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 20071a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. 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 79702-7340

3a. Phone No. (include area code)

432-685-8100

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

At surface 1330' FNL & 510' FEL, Section 4

At top prod. interval reported below same

At total depth same

14. Date Spudded

07/19/06

15. Date T.D. Reached

11/04/06

16. Date Completed 11/23/06

☐ D & A ☒ Ready to Prod.

18. Total Depth: MD

TVD 12,774

19. Plug Back T.D.: MD

TVD 12,716

20. Depth Bridge Plug Set: MD

TVD

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

DNL, HRL/MCFL

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	54.5		950		900 C		surface	
12-1/4	9-5/8	40		3930		1400 C		surface	
8-1/2	7	29		11332		3400 C		surface	
6-1/8	5	23.2	11051	12774		125 H			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Wolfcamp			12104-11981		39	open
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
Wolfcamp	Acidz w/ 3000 gals 15% acid

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
11/25/06	11/27	24	→	101	2269	110	57.4	.686	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
		1975	→				22465:1	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. SI	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	3848				
Delaware Lime	4126				
Bell Canyon	4188				
Cherry Canyon	5089				
Brushy Canyon	6388				
Bone Spring	8034				
Wolfcamp	11188				

32. Additional remarks (include plugging procedure):

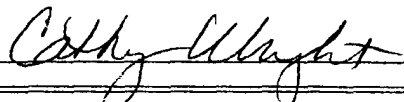
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ 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-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 WrightTitle Sr. Eng Tech

Signature



Date

12/14/06

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.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., El Paso, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34918	² Pool Code	³ Pool Name Wildcat Wolfcamp
⁴ Property Code 17955	⁵ Property Name Lost Tank 4 Federal	⁶ Well Number 20
⁷ OGRID No. 017891	⁸ Operator Name Pogo Producing Company	⁹ Elevation 3466'

¹⁰ Surface Location

UL or lot no. H	Section 4	Township 22S	Range 31E	Lot Idn	Feet from the 1330	North/South line North	Feet from the 510	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <u>Cathy Wright</u> Date: <u>12/14/06</u> Printed Name: <u>Cathy Wright</u>	
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____	
					Certificate Number: _____	

OPERATOR
WELL/LEASE
COUNTY

Pogo Producing Company
Lost Tank 4 Fed #20
Eddy, NM

RECEIVED

DEC 11 2006

629-0085

STATE OF NEW MEXICO
DEVIATION REPORT

206	0.25	9,197	1.00
400	0.75	9,459	1.00
729	1.00	9,707	0.25
1,041	0.25	9,956	0.75
1,606	0.50	10,207	1.25
2,106	1.25	10,335	1.00
2,635	2.00	10,646	2.50
3,032	1.00	10,771	2.75
3,543	3.25	10,864	2.75
3,701	5.00	11,390	2.00
3,795	3.50	11,707	2.00
4,223	4.00	12,531	1.00
4,473	4.00	12,774	1.00
4,693	3.00		
4,941	2.75		
5,208	2.50		
5,451	2.00		
5,698	2.00		
6,041	0.75		
6,349	1.00		
6,660	0.75		
6,970	0.75		
7,311	0.75		
7,620	1.00		
8,011	0.75		
8,321	0.75		
8,570	2.00		
8,818	3.00		
8,880	3.00		
8,973	4.00		
8,988	4.00		

CONFIDENTIAL

STATE OF TEXAS

COUNTY OF MIDLAND

BY: 

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

December 7, 2006, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/08/07

