Form 3160-4
(April 2004)

OCD-ARTESIA

MAR 2 4 2008

OCD-ARTESIA

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5 Lease Serial No: NM-104730

1a Type of Well: [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b Type of Completion: [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff Resvr,
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: Sundance Federal #27

3. Address: P. O. Box 10340, Midland, TX 79702-7340

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

9. API Well No.: 30-015-34787 SI

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

At surface: 1980' FSL & 660' FWL

At top prod. interval reported below: same

At total depth: same

10. Field and Pool, or Exploratory: Sand Dunes Delaware West

11. Sec., T., R., M., on Block and Survey or Area: Sec 4, T24S, R31E

12. County or Parish: Eddy County

13. State: NM

14. Date Spudded: 05/18/06

15. Date T.D. Reached: 06/04/06

16. Date Completed: [ ] D & A [X] Ready to Prod. 06/27/06

17. Elevations (DF, RKB, RT, GL)*: 3414'

18. Total Depth: MD TVD 8200

19. Plug Back T.D.: MD TVD 8070

20. Depth Bridge Plug Set: MD TVD

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

HDIL, ZDL/CN

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit report)
Directional Survey? [ ] No [X] 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		685		600		surface	
11	8-5/8	32		4200		1700		surface	
7-7/8	5-1/2	15.5 &		8200		1450		surface	
		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	7582							

25. Producing Intervals

Formation	Top	Bottom
A) Delaware		
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
7778-7977 (OA)		29	open

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

Depth Interval	Amount and Type of Material
7778-7977 (OA)	Acdz w/ 1500 gals 7-1/2% acid
	Frac w/ 107,000# 16/30 Ottawa + 40,000# 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
6/27/06	7/3/06	24	→	125	215	199	41.0		Pumping

Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					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

JUL 17 2006

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	4084				
Bell Canyon	4281				
Cherry Canyon	5154				
Manzanita	5323				
Brushy Canyon	6421				
Bone spring	8060				

32. Additional remarks (include plugging procedure):

Bureau of Land Management
Received
JUL 13 2006
Carlsbad Field Office
Carlsbad, N.M.

33. Indicate which itmes 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 07/05/06

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.