



Form 3160-4
(April 2004)

N.M. Oil Cons. Div-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other										6. If Indian, Allottee or Tribe Name					
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____										7. Unit or CA Agreement Name and No.					
2. Name of Operator Pogo Producing Company										8. Lease Name and Well No. River Bend 10 Federal #1					
3. Address P.O. Box 10340, Midland, TX 79702						3a. Phone No. (include area code) 432-685-8100				9. AFI Well No. 30-015-33208 SI					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1980' FNL & 990' FWL At top prod. interval reported below SAME At total depth SAME										10. Field and Pool, or Exploratory Cedar Canyon Bone Spring					
14. Date Spudded 06/27/04										15. Date T.D. Reached 07/12/04		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/01/04		17. Elevations (DF, RKB, RT, GL)* 2970'	
18. Total Depth: MD TVD 8000				19. Plug Back T.D.: MD TVD 7952				20. Depth Bridge Plug Set: MD TVD							
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLL/MLL, ZDL/CN										22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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		595		660 CI C		surface							
11	8-5/8	32		2900		950 CI C		surface							
7-7/8	5-1/2	15.5	17	8000		1380 CI C		3390'							
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	7684														
25. Producing Intervals															
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status							
A) Bone Spring				7788-7826			39								
B)															
C)															
D)															
26. Perforation Record															
27. Acid, Fracture, Treatment, Cement Squeeze, etc.															
Depth Interval		Amount and Type of Material													
7788-7826		Acidz w/ 1800 gals 15% acid Frac w/ 138,000# 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						
8/1/04	8/18	24	→	124	347	50	42.3		Flowing						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status							
16/64	700	1600	→				2798:1	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)

ACCEPTED FOR RECORD

AUG 27 2004

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.)

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	2980				
Delaware Lime	2988				
Bell Canyon	3016				
Cherry Canyon	3875				
Brushy Canyon	5071				
Bone Spring	6742				

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. Engineering Tech

Signature *Cathy Wright* Date 08/25/04

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.