

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 ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NM-57273					
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____						6. If Indian, Allottee or Tribe Name					
2. Name of Operator Pogo Producing Company						7. Unit or CA Agreement Name and No.					
3. Address P.O. Box 10340, Midland, TX 79702						8. Lease Name and Well No. Palladium 7 Federal #10					
3a. Phone No. (include area code) 432-685-8100						9. AFI Well No. 30-015-33969					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 990' FSL & 1650' FWL At top prod. interval reported below same At total depth same						10. Field and Pool, or Exploratory Sand Dunes Delaware South					
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						12. County or Parish Eddy					
14. Date Spudded 06/01/05						15. Date T.D. Reached 06/27/05		16. Date Completed 7/22/05 ☐ D & A ☒ Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3550	
18. Total Depth: MD TVD 9450				19. Plug Back T.D.: MD TVD 9070				20. Depth Bridge Plug Set: MD CIBP TVD 9120			
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	54.5		1005		850		surface			
11	8-5/8	32		4200		1450		surface			
7-7/8	5-1/2	17		9450		1840		surface			
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	7757										
25. Producing Intervals					26. Perforation Record						
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status			
A) Bone Spring				9158-9178			40	TA			
B) Delaware				7875-8018 (OA)			20	Prod			
C)											
D)											
27. Acid, Fracture, Treatment, Cement Squeeze, etc.											
Depth Interval			Amount and Type of Material								
9158-9178			Acdz w/ 1000 gals 15% NeFe								
7875-8018			Acdz w/ 1000 gals 15% NeFe, Frac w/ 130,000# 16/30								
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		
7/22/05	7/24	24	→	167	118	163	40.8		Pumping		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status			
---	---	---	→				724:1	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)

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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	4095				
Delaware Lime	4279				
Bell Canyon	4308				
Cherry Canyon	5189				
Manzanita	5350				
Brushy Canyon	6493				
Bone Spring	8123				
1st Bone Sand	9105				

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. Eng Tech

Signature  Date 07/25/05

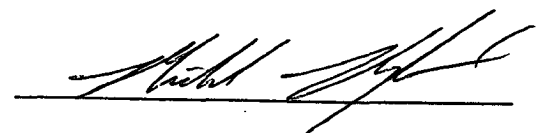
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Logo Drilling Company
P.O. Box 10340
Midland, TX 79702-7340

Palladium 7 Fed. # 10
Eddy County, New Mexico

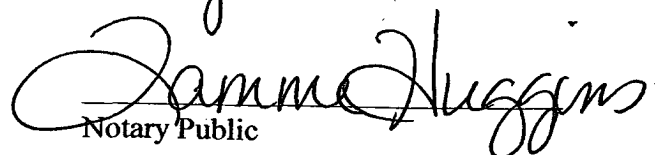
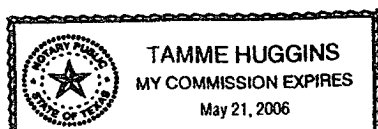
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153	1.53	3/4	1.31	2.01	2.01
392	2.39	1 3/4	3.06	7.32	9.33
659	2.67	1 1/4	2.19	5.84	15.17
897	2.38	1 1/4	2.19	5.21	20.37
1005	1.08	1	1.75	1.89	22.26
1272	2.67	1 1/4	2.19	5.84	28.11
1524	2.52	1 3/4	3.06	7.72	35.82
1777	2.53	1 1/4	2.19	5.53	41.36
2029	2.52	1 3/4	3.06	7.72	49.07
2281	2.52	1 3/4	3.06	7.72	56.79
2534	2.53	1	1.75	4.43	61.22
2785	2.51	1 3/4	3.06	7.69	68.91
3037	2.52	1 1/4	2.19	5.51	74.42
3289	2.52	1 1/4	2.19	5.51	79.93
3542	2.53	1 1/2	2.63	6.64	86.57
3794	2.52	2 1/2	4.38	11.03	97.60
4046	2.52	2 1/4	3.94	9.92	107.52
4200	1.54	2 1/4	3.94	6.06	113.58
4560	3.60	1	1.75	6.30	119.88
4907	3.47	2	3.50	12.15	132.03
5284	3.77	1/2	0.88	3.30	135.33
5630	3.46	1	1.75	6.06	141.38
5977	3.47	1 1/4	2.19	7.59	148.97
6324	3.47	3/4	1.31	4.55	153.53
6702	3.78	1 1/4	2.19	8.27	161.80
7048	3.46	3/4	1.31	4.54	166.34
7393	3.45	1	1.75	6.04	172.38
7739	3.46	1 1/4	2.19	7.57	179.94
8336	5.97	3/4	1.31	7.84	187.78
8683	3.47	1 1/2	2.63	9.11	196.89
9029	3.46	1	1.75	6.06	202.94
9450	4.21	1	1.75	7.37	210.31



Michael Roghair - General Manager

The attached instrument was acknowledged before me on the 30th day of June, 2005 by Michael Roghair, General Manager CapStar Drilling, L.P.


Notary Public

Company : *Pgog Producing Company*
File No. : 05389
Well : *Palladium "7" Fed #10*
Location : *990' FSL & 1650' FWL, Sec 7, T24S, R31E*

Field :
Formation : *Delaware*
County : *Eddy County, New Mexico*

<i>Top</i>	<i>Bottom</i>	<i>Gas</i>
<i>Depth</i>	<i>Depth</i>	<i>Units</i>
<i>ft</i>	<i>ft</i>	

7927	7932	75
7932	7937	61
7937	7942	37
7942	7947	21
7947	7952	135
7952	7957	582
7957	7962	169
7962	7967	259
7967	7972	572
7972	7977	173
7977	7982	147
7982	7987	168

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Note: 700+ gas reading represents a saturated detector filament
1% CH4 in air = 100 gas units