

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
Chesapeake Operating Inc.

3. Address  
P. O. Box 11050 Midland TX 79702-8050

3.a Phone No. (Include area code)  
(432)687-2992

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

At Surface 2430' FSL & 2420' FEL

At top prod. interval reported below 2430' FSL & 2420' FEL

At total depth 2430' FSL & 2420' FEL

14. Date Spudded  
10/17/2005

15. Date T.D. Reached  
11/30/2005

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
01/04/2006

5. Lease Serial No.  
NMNM68821

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Paloma 30 Federal 2

9. API Well No.  
30-025-37413

10. Field and Pool, or Exploration  
Bell Lake, Morrow, Mid (Gas)

11. Sec., T., R., M., on Block and  
Survey or Area Sec. 30, T23S, R34E

12. County or Parish  
Lea

13. State  
New Mexico

17. Elevations (DF, RKB, RT, GL)\*  
3608 GL

18. Total Depth: MD 13870  
TVD 13870

19. Plug Back T.D.: MD  
TVD 13823

20. Depth Bridge Plug Set: MD 13210  
TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)  
CBL/CCL/GR

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
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	48		870		860		0	
12 1/4	9 5/8	40		5085		1575		0	
8 3/4	7	26		11974		1265		5570	
6 1/8	4 1/2	13.5		13870		180		11747 liner	

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	12445	12445						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow B	13471	13479	13471 - 13479		49	CIBP + cmt
B) Morrow A	13278	13320	13278 - 13320		139	CIBP @ 13210
C) Atoka	12556	12567	12556 - 12567		45	Open
D)						

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

Depth Interval	Amount and Type of Material
12556 - 12567	None

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
01/04/06	01/09/06	24	→	22	3.278	30			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
20/64"	SI 33000		→	22	3.278	30	72116	Producing	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

JAN 27 2006

RY GOURLEY  
PETROLEUM ENGINEER

dm

## 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 or 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.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Shale	0	1205		Rustler	1205
Anhy/Salt/Dolo	1205	5125		Delaware	5126
Sd/Shale	5125	8640		Bone Springs	8640
Lm/Sd/Sh	8640	11500		Wolfcamp	11500
Sh/Lm	11500	11836		Cisco	11836
Lm/Black Sh	11836	12145		Strawn	12145
Lm/Chert/Sh	12145	12435		Atoka	12435
Sh/Lm	12435	12608		Atoka Lime	12608
Lm/Ch/Sh/Sd	12608	13320		Morrow	13059
Lm/Chert/sh	13320	13370		Morrow Clastic	13370
Sh/Sd	13370	13870		Lower Morrow	13787

32. Additional remarks (include plugging procedure):

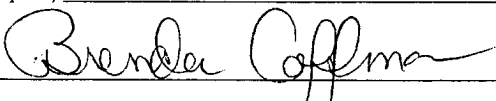
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)   
 ☐ Geological 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) Brenda CoffmanTitle Regulatory Analyst

Signature


Date 01/16/006

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.