

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ 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 1869' FNL & 660' FWL

At top prod. interval reported below 1869' FNL & 660' FWL

At total depth 1869' FNL & 660' FWL

14. Date Spudded

08/12/2004

15. Date T.D. Reached

09/21/2004

16. Date Completed

☐ D & A ☒ Ready to Prod.
11/25/2004

18. Total Depth: MD 13920
TVD 13920

19. Plug Back T.D.: MD 12600
TVD

20. Depth Bridge Plug Set: MD 12610
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#	0		400'	402 sx Cl. C		Surface	
11	8 5/8	32#	0		4675'	1550 sx Cl C		Surface	
7 7/8	5 1/2"	20#	0		12981'	1525 sx Cl.		4655'	
						C&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)
2 3/8"	12295	12300						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Ref. Status
A) Atoka	12414	12554	12625 - 12686		60	CIBP + cmt @ 12610
B)			12414 - 12554			Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
12625 - 12686	Set CIBP @ 12610' capped w/1 sx cmt
12414 - 12554	2500 gals KCL w/142 bs. Frac w/4494 gal 40# Binary pad @ 36 BPM, 5570# start 1/2# Interprop 20/40 sand

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
11/21/04	12/30/04	24	→	30	1575	3.5			Flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
17/64/	SI	1075	→	30	1575	3.5	5250	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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

5. Lease Serial No.
NMNM 108478

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

William 14 Federal 001

9. API Well No.

30-025-36514 0051

10. Field and Pool, or Exploratory
Austin Mississippi SW Gas Atoka

11. Sec., T., R., M., on Block and Survey or Area
Sec. 14, T15S, R35E

12. County or Parish
Lea

13. State
New Mexico

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

3979' GR

ACCEPTED FOR RECORD
(ORIG. SGD.) DAVID R. GLASS
FEB 2 2005
DAVID R. GLASS
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 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Redbeds	0	1972		Rustler	1972
Anhydrite &	1972	3103		Yates	3103
Salt	3103	4393		Seven Rivers	3382
Sand, Anhy, Salt	4393	4640		San Andres	4640
Dolo, Sand,	4640	6361		Glorieta	6361
Shale	6361	7545		Abo	8193
Dolo, Anhydrite	7545	9854		Wolfcamp	9854
Dolo, Sand,	9854	10949		Strawn	11802
Shale	10949	11802		Morrow	12844
Dolo, Anhy	11802	12440		Mississippian	13198
Limestone	12440	12981		Lower Mississippian	13740

Additional remarks (include plugging procedure):

The well was drilled to a TD of 13913; however casing was set at 12981' as the lower zone was found to be unproductive Limestone

Sh, Lm, Sd, Ch,

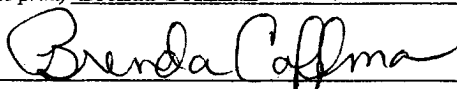
33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. 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 01/31/2005

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.

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