

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTN.M. Oil Cons. DIV-Dist. 2
1301 W. Grand AvenueFORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM 118141a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. 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)685-4310

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

At Surface 1980' FSL & 1830' FEL

At top prod. interval reported below 1980' FSL & 1830' FEL

At total depth 1980' FSL & 1830' FEL

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Henshaw Federal A 001

9. API Well No.

30-015-32891 SI

10. Field and Pool, or Exploratory

Wildcat; Simpson Sand

11. Sec., T., R., M., on Block and

Survey or Area Sec. 14, T16S, R30E

12. County or Parish

Eddy

13. State

New Mexico

14. Date Spudded

02/24/2004

15. Date T.D. Reached

03/26/2004

16. Date Completed

☐ D & A ☒ Ready to Prod.

06/12/2004

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

3851' GL

18. Total Depth: MD 12,830

TVD 12,830

19. Plug Back T.D.: MD 12,648

TVD 12,648

20. Depth Bridge Plug Set: MD

TVD

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

DLL/MG; SGR/DSN

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
12 1/4"	9 5/8 J-55	40#			3120'	1050 sx C		0	
8 3/4"	5 1/2 LTC	20#			12680	1125sxPrem			

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"	12,508	12,508						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Simpson Sand	12,574	12,581	12,574 - 12,581			Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12,574 - 12,581	Acidized w/2500 gals 15% HCL, 9 bbls 2% KCL; Frac'd w/40# 70Q binary pad

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
06/16/04	07/11/04	24 hrs	→	12	882	77			Flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
6/64"	SI 11000		→	12	882	77	73500	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			→						

ACCEPTED FOR RECORD

JUL 20 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 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
	0	7700	Dolo/Sh	Yates	1480
	7700	9515	Lime	Seven Rivers	1725
	9515	10070	Lime/Shale	Queen	2281
	10070	10170	Shale	San Andres	3018
	10170	10740	Lime/Shale & minor sand	Glorietta	4498
	10740	11537	Lime	Tubb	5727
	11537	11558	Dark Brown Shale	Abo	6396
	11558	12550	Limestone w/some Dolomite	Wolfcamp	7700
	12550		Shale, Sand & Dolomite	Atoka	10325
				Miss	10742
				Ordovician	12550

32. Additional remarks (include plugging procedure):

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 AnalystSignature Brenda CoffmanDate July 15, 2004

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.