

N.M. Oil Cons. DIV-Dist. 2
UNITED STATES 1301 W. Grand Avenue
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM022584

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no.

8. Lease Name and Well No.

Chaves A 17 Federal 005

9. API Well No.

30-005-63606 0051

10. Field and Pool, or Exploratory

Pecos Slope Abo (gas)

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

Survey or Area Sec. 17, T. 7S, R. 26E

12. County or Parish

Chaves

13. State

New Mexico

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

3579 GR

1a. 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

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

At Surface 1980' FSL & 1980' FEL

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

At total depth 1980' FSL & 1980' FEL

14. Date Spudded

04/15/2005

15. Date T.D. Reached

04/26/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.

06/09/2005

18. Total Depth: MD 5120'

TVD 5120'

19. Plug Back T.D.: MD 4216'

TVD 4216'

20. Depth Bridge Plug Set: MD 4358

TVD

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

GR/DLL/MSFL/CNL

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	8 5/8 J55	24#		1000'		525 SX		Surface	
7 7/8	4 1/2" K55	11.6#		5120'		1095 SX		1350'	

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"	3,712'	3,630'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo	3,705	3,879	3,705 - 3,879			Open
B)			4,410 - 4,415			CIBP @4750 + cmt
C)			4,769 - 4,779			CIBP @ 4800 + cmt
D)						

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

Depth Interval	Amount and Type of Material
3,705 - 3,879	Acidize w/1,500 gals 15% HCL NeFe and 125 BS. + Frac w/8,000 gals 67Q binary foam pad and 26,910 gals foam base fluid.

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
06/09/05	07/09/05	24	→	0	168	0			Flowing
Choice Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
32/64"	30	160	→	0	168	0		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
			→						
Choice 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 reverse side)

ACCEPTED FOR RECORD
NOV 15 2006
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.)

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	448	Limey shale	San Andres	448
	448	1560	Dold/Lm/Sh	Glorietta	1560
	1560	3670	Dolo/Minor anhy/sd/sh	Tubb	2970
	3670	4332	Siltstone/sh/very fine SD	Abo	3670
	4332	4601	Lm/Dolo/Sh	Wolfcamp	4332
	4601	4920	Lm/Dolo/Sh w/thin sds	Penn	4601
	4920	4980	Granite	Granite Wash	4920
				Granite	4980

32. Additional remarks (include plugging procedure):

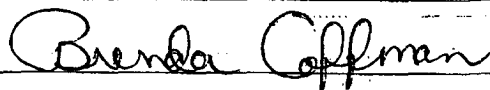
33. Circle enclosed attachments:

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 Analyst

Signature

Date 07/12/2005

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.