

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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 18496

Oklahoma City, OK 73154-0496

3a. Phone No. (include area code)

(405) 848-8000

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

At surface NW NE Sec 12-10S-25E

660' FNL & 1780' FEL

At top prod. interval reported below

Same

At total depth

Same

14. Date Spudded

08/19/03

15. Date T.D. Reached

08/30/03

16. Date Completed

☐ D & A ☒ Ready to Prod.

01/13/04

18. Total Depth: MD 4700'
TVD 4700'19. Plug Back T.D.: MD 4650'
TVD 4650'20. Depth Bridge Plug Set: MD NA
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Comp Z-Densilog, Comp Neutron, GR Log
Dual Laterolog, Micro Laterolog, GR Log22. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
2-1/4	8-5/8" J55	24#	0	710'	NA	300 Poz	154	Surf	
						200 C1 C			
7-7/8	4-1/2" J55	11.6#	0	4,698'	NA	250 C1 C	60	3700'	

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"	4408'	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo B	4184	4211	4189-4209' OA	0.42"	16	Open, Producing
B) Abo C	4439	4443	4437-4464 OA	0.42"	10	Open, Producing
C) Abo D	4463	4465				
D)						

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

Depth Interval	Amount and Type of Material
4189-4209'	Acidize w/1500 gal 15% NeFe, Frac w/5000 gal Aquavis 30 & 20,000 gal 65Q Foam pad & 45,000 gal 65Q foam carrying 89,325# 20/40 sand
4437-64'	Acidize w/1000 gal 15% NeFe acid, frac w/10,000 gal 65Q foam pad & 20,000 gal 65Q linear foam carrying 40,000 #20/40 brady sand

28. Production - Interval A & B Co-mingled

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
1-3-04	1-16-04	24	→	0	461	0	NA		Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
14/64"	405	480	→	0	461	0	NA	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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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

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MAR 29 2004

OCD-ARTESIA

5. Lease Serial No.
NMNM 8431

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Penjack Federal 11

9. API Well No.

30-005-63592

10. Field and Pool, or Exploratory

Pecos Slope; Abo (Gas)

11. Sec., T., R., M., on Block and Survey or Area
12-10S-25E

12. County or Parish

Chaves Co.,

13. State

NM

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

GL: 3717'

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ARMANDO A. LOPEZ
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 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

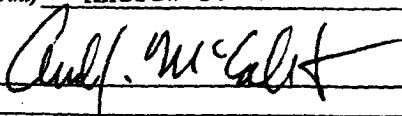
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Abo B	4184	4211	Gas Sand	San Andres	711
Abo C	4439	4443	Gas Sand	Glorieta	1876
Abo D	4463	4465	Gas Sand	Tubb	3142
				Abo	4050

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic 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) Andrew J. McCalmontTitle Asset ManagerSignature Date 02/13/04

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.