

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 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 NE SE Sec 12-10S-25E  
1980' FSL & 1330' FEL  
 At top prod. interval reported below Same  
 At total depth Same

14. Date Spudded 08/05/03  
 15. Date T.D. Reached 08/17/03  
 16. Date Completed  D & A  Ready to Prod.  
01/13/04

18. Total Depth: MD 4650  
TVD  
 19. Plug Back T.D.: MD 4592'  
TVD  
 20. Depth Bridge Plug Set: MD NA  
TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
Comp Z-Densilog, Comp Neutron, Gamma Ray  
Dual Laterolog, GR  
 22. 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
12-1/4	8-5/8 J55 24#		0	735'	-	300 Lite 200 Cl C	148	Surf	
7-7/8	4-1/2 J55 11.6#		0	4,638'	-	300 Cl. C	72	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)
None	NA	NA						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Abo C	4369	4401	4369-401' OA	0.42"	20	Open, Producing
B) Abo B	4231	4253	4231-53' OA	0.42"	12	Open Producing
C) Abo A	4202	4208	4202-08' OA	0.42"	8	Open Producing
D)						

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

Depth Interval	Amount and Type of Material
4369-4401	1500 gal 15% NeFe acid, frac w/20K gal 65Q Pad & 45 K gal 65Q CO2
4231-53'	Aquavis foam & 150K# 20/40 sand, perf w/1500 gal 15% NeFe acid, frac w/
4202-08'	15K gal 65Q pad & 30K gal, 65Q CO2 Aquavis 30G foam & 100K# 20/40 Brady Sand

28. Production - Interval A A, B & C Comingled

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
01/13/04	01/16/04	24	→	0	1171	0			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
19/64"	NA	690	→	0	1171	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. 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)

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5. Lease Serial No. NMM 8431

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. Penjack Federal 10

9. API Well No. 30-005-63591

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: 3768'

ACCEPTED FOR RECORD  
FEB 10 2004  
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 A	4137	4210	Gas Sand	San Andrew	771
Abo B	4231	4253	Gas Sand	Glorieta	1940
Abo C	4369	4392	Gas Sand	Tubb	3361
Abo D	4511	4513	Gas Sand	Abo	4100

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. McCalmont

Title Asset Manager

Signature *Andrew J. McCalmont*

Date 02/04/04

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.

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