

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
OCD - ARTESIAFORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

## 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. Resrv.,  
Other \_\_\_\_\_

2. Name of Operator **CHESAPEAKE OPERATING, INC.** ATTN: LINDA GOOD3. Address **P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496** 3a. Phone No. (include area code) **405-767-4275**

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

At surface **410 FNL 1651 FEL, NWNE**At top prod. interval reported below **SAME**At total depth **SAME**14. Date Spudded **07/26/2006** 15. Date T.D. Reached **08/16/2006** 16. Date Completed **09/06/2006**  
☐ D & A ☒ Ready to Prod.18. Total Depth: MD **8310** 19. Plug Back T.D.: MD **8213** 20. Depth Bridge Plug Set: MD  
TVD TVD TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**SDL/DSNL DLL/MGRD RSCT** 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
17 1/2"	13 3/8"	48#	0	765		655 Prem +		Surface	
11"	8 5/8"	32#	0	4370		1025 Prem +		Surface	
7 7/8"	5 1/2"	17#	0	8310		765 Interfill		6150	

## 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 7/8	8127							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware	7954'	8148'	7954' - 8148'		29	Open
B) Delaware	7170'	7216'	7170' - 7216'		11	Open
C) Delaware	6407'	6418'	6407' - 6418'		45	Open
D)						

## 27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7954' - 8148'	Spot 300 gal 7 1/2% acid, acid w/additional 1700 gal 7 1/2% + 40 BS, flush w/51 bbl 2% KCL - CONTINUED
7170' - 7216'	Spot 200 gal 7 1/2% NeFe, acid w/1500 gal 7 1/2% + BS, flush w/43 bbl 2% KCL -- CONTINUED
6407' - 6418'	Spot 200 gal 7 12% NeFe, acid w/1500 gal 7 1/2% NeFe, flush w/38 bbl 2% KCL - CONTINUED

## 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
09/14/2006	09/28/2006	24	→	125	40	280			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→	125	40	280		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 page 2)

ACCEPTED FOR RECORD

DEC 5 2006

LES BABYAK  
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
	0	750	Permian Red Beds		
	750	4340	Salt & Anhydrite		
	4340	5248	Sand/Shale - Delaware	Bell Canyon	4340
	5248	6824	Sand/Shale - Delaware	Cherry Canyon	5248
	6824	8172	Sand/Shale - Delaware	Brushy Canyon	6824
	8172	8300	Limestone	Bone Spring	8172

## 32. Additional remarks (include plugging procedure):

\*\*\*\*\*Cont'd from #27\*\*\*\*\*

(7954-8148) 19,000 gal Medallion 3000 pad, 26,750 gal 30# Linear w/76,000# 20/40 White sd, 4000 gal w/20,643# 20/40 Super LC, flush w/182 bbl 2% KCL

(7170-7216) 8000 gal Medallion 3000 pad, 18,000 gal 30# Linear gel, 41000# 20/40 White sd, 2000 gal 30# Linear, 10,290# 20/40 Super LC sd  
(6407-6418) 8000 gal pad of Medallion 3000, 4000 gal Sandladen, 11,000 gal 30# Linear gel containing 3000# 20/40 White sd, 2000 gal 30# Linear containing 10,350# 20/40 Super LC sand, flush w/38 bbl 2% KCL

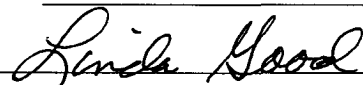
## 33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)    ☐ Geologic Report    ☐ DST Report    ☐ Directional Survey  
☐ Sundry Notice for plugging and cement verification    ☐ Core Analysis    ☐ 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) LINDA GOODTitle PERMITTING AGENT

Signature

Date 09/28/2006

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.

OPERATOR Chesapeake Operating  
WELL/LEASE Lotus C. Fed 907  
COUNTY Eddy Co., N.M.

058-0050

STATE OF NEW MEXICO  
DEVIATION REPORT

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241	0.75
538	0.25
721	0.25
1,216	0.75
1,689	0.75
2,662	1.25
3,177	0.75
3,687	1.75
4,187	2.00
4,300	2.00
4,743	1.25
5,233	0.75
5,730	1.25
6,257	1.00
6,720	1.25
7,215	1.75
7,710	1.00
8,210	1.00
8,310 T.D.	1.00

BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on  
Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

August 22, 2006, by Steve

Joni D. Hodges  
Notary Public for Midland County, Texas  
My Commission Expires: 4/08/07

