

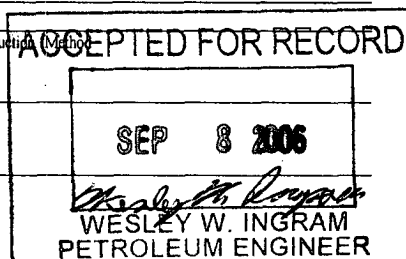
OCD  
~~I&P~~ - HOBBS  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. <b>NMLC 071949</b>							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator <b>CHESAPEAKE OPERATING, INC.</b> ATTN: <b>LINDA GOOD</b>		7. Unit or CA Agreement Name and No.							
3. Address <b>P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496</b>		8. Lease Name and Well No. <b>Keller 27 Federal 2</b>							
3a. Phone No. (include area code) <b>405-767-4275</b>		9. AFI Well No. <b>30-025-37906</b>							
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>1967 FSL 2055 FWL, NESW</b> At top prod. interval reported below <b>SAME</b> At total depth <b>SAME</b>		10. Field and Pool, or Exploratory <b>Bell Lake; Delaware, East</b>							
14. Date Spudded <b>06/12/2006</b>		11. Sec., T., R., M., on Block and Survey or Area <b>27-23S-34E</b>							
15. Date T.D. Reached <b>06/29/2006</b>		12. County or Parish <b>Lea County</b>							
16. Date Completed <b>08/09/2006</b> <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		13. State <b>NM</b>							
17. Elevations (DF, RKB, RT, GL)* <b>3475 GR / 3493 KB</b>									
18. Total Depth: MD <b>8750</b> TVD		19. Plug Back T.D.: MD <b>8657</b> TVD							
20. Depth Bridge Plug Set: MD <b>8639</b> TVD									
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>DSNL/SDL, RSCT, DLLT/MGRD</b>		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48#		585		515 H-40		Surface	
11	8 5/8	32#		5081		1255 Poz "C"		<del>4930</del> <i>4930</i>	
7 7/8	5 1/2	17#		8750		775 Poz "H"		<i>7930</i>	
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	7452	7464							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Delaware	8150'	8547'	8150' - 8547'		26 Holes	Open			
B) Delaware	7533'	7624'	7533' - 7624'		12 Holes	Open			
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
8150' - 8547'		Acid w/2000 gal 7 1/2% HCL + 40 BS, Frac w/15,000 gal 30# Medallion gel pad, 4000 gal 30# Medallion gel w/.25 ppg 20/40 White sd, 26,750 gal 30# Linear gel, 77,014# 20/40 White sd, (CONT'D ON NEXT PAGE)							
7533' - 7624'		Spot 200 gal 7 1/2% HCL, acid w/1300 gal 7 1/2% HCL + 20 BS, Frac w/8000 gal Medallion 3000 gel pad, 4000 gal Medallion 3000 gel w/.25 ppg 20/40 White sd, 14,000 gal 30# Linear gel (CONT'D ON NEXT PAGE)							
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
08/18/2006	08/22/2006	24	→	12	10	144			Pumping
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. 40#	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Producing
			→	12	10	144			
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)



## 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
Castile	0	5063	Anhydrite/Salt	Top of Delaware Mountain Group	5064
Top of Delaware Mtn Group	5064	5131	Sand/Shale	Bell Canyon	5132
Bell Canyon	5132	5990	Sand	Cherry Canyon	5991
Cherry Canyon	5991	7294	Sand	Brushy Canyon	7294
Brushy Canyon	7294	8570	Sand	Bone Spring	8571
Bone Spring	8571	TD	Lime		

32. Additional remarks (include plugging procedure):

(TREATMENT CONTINUED FROM #27)

(8150' - 8547') 20,000# resin coated 16/30 White sd, flush w/187 bbl 2% KCL.

(7533' - 7624') w/41,040# 20/40 White sd, 2000 gal linear gel w/10,020# 16/30 Siberprop, flush w/42 bbl 2% KCL.

33. Indicate which items 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

Linda Good

Date

09/06/2006

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.