

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

S

FORM APPROVED  
OMB No 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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. NMNM111960	
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 CHESAPEAKE OPERATING, INC. E-Mail: linda.good@chk.com										7. Unit or CA Agreement Name and No.	
3 Address OKLAHOMA CITY, OK 73154-0496										8. Lease Name and Well No LOTOS 15 FEDERAL 1	
3a Phone No. (include area code) Ph: 405-767-4275										9 API Well No. 30-015-36064-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 15 T24S R31E Mer NMP At surface SESE 330FSL 330FEL At top prod interval reported below At total depth										10. Field and Pool, or Exploratory POKER LAKE	
14 Date Spudded 01/30/2008										11. Sec., T., R., M., or Block and Survey or Area Sec 15 T24S R31E Mer NMP	
15. Date T.D. Reached 02/19/2008										12. County or Parish EDDY	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/01/2008										13. State NM	
17 Elevations (DF, KB, RT, GL)* 3565 GL											
18. Total Depth: MD 8664 TVD										19. Plug Back T.D.: MD 8569 TVD	
20. Depth Bridge Plug Set: MD TVD											
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DLT MSFLSDLT DSNT										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 analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
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		
17.500	13.375 H-40	48.0		770		650		0			
11.000	8.625 K-55	32.0		4350		1100		0			
7.875	5.500 L-80	17.0		8664		620		3850			
17.500	13.375 K-55	48.0	0	770		650		0			
11.000	8.625 K-55	32.0	0	4350		1100		0			
7.875	5.500 N-80	17.0	0	8664		620		3850			
24. Tubing Record											
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)			
2.875	8468										
25. Producing Intervals											
26. Perforation Record											
Formation		Top	Bottom	Perforated Interval		Size	No Holes	Perf Status			
A) DELAWARE		6892	6900	6892 TO 6900			32	OPEN			
B)				7065 TO 7365			46	OPEN			
C)				7539 TO 7560			12	OPEN			
D)				7539 TO 7560			12	2 spf open			
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.											
Depth Interval		Amount and Type of Material									
6892 TO 6900		ACID W/2000 GAL 15% NEFE W/BALL SLRS - FRAC W/19,500 GAL BFRAC 25 X-LINK GEL, (SEE REMARKS)									
7065 TO 7365		ACID W/3000 GAL 15% NEFE W/BALL SLRS - FRAC W/60,000 GAL BFRAC 25 X-LINK GEL, (SEE REMARKS)									
7539 TO 7560		ACID W/2000 GAL 15% NEFE W/BALL SLRS - FRAC W/15,000 GAL BFRAC 25 X-LINK GEL, (SEE REMARKS)									
7539 TO 7560		gal acid across perms, acidize w/2000 gal 15% NEFE w/ball sealers									
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		
04/06/2008	05/08/2008	24	→	173 0	172 0	300 0			ELECTRIC PUMPING UNIT		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	POW		
			→	173	172	300			ACCEPTED FOR RECORD		
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		
			→						MAY 19 2008		
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	J. Ames		
			→						BUREAU OF LAND MANAGEMENT		
(See Instructions and spaces for additional data on reverse side)											
ELECTRONIC SUBMISSION #60203 VERIFIED BY THE BLM WELL INFORMATION SYSTEM											
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **											

## 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.)  
SOLD

## 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
PERMIAN RED BEDS	0	1063	RED BEDS		
CASTILE	1063	4297	SALT/ANHYDRITE		
LAMAR	4297	4557	LIMESTONE		
BELL CANYON	4557	5599	SAND/SILT/SHALE		
BRUSHY CANYON	6671	8377	SAND/SILT/SHALE		
BONE SPRING	8377	8500	LIMESTONE		

## 32 Additional remarks (include plugging procedure):

CONT'D FROM #44 - PERFS & TREATMENT.

8164'-8312' 77,000# 20/40 WHITE SD, 24,000# 20/40 SUPER LC.

7539'-7560' 28,000# 20/40 WHITE SD, 12,000# 20/40 SUPER LC.

7065'-7365' 115,000# 20/40 WHITE SD, 39,000# 20/40 SUPER LC.

## 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).

Electronic Submission #60203 Verified by the BLM Well Information System.

For CHESAPEAKE OPERATING, INC., sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 05/12/2008 (08KMS1706SE)

Name (please print) LINDA GOOD

Title REGULATORY COMPLIANCE SPECIALI

Signature (Electronic Submission)

Date 05/09/2008

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

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**Additional data for transaction #60203 that would not fit on the form**

**26. Perforation Record, continued**

Perf Interval	Size	No. Holes	Perf Status
8164 TO 8312		38	OPEN
8164 TO 8312		38	1 spf. below CBP @7900

**27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued**

Depth Interval	Amount and Type of Material
8164 TO 8312	gal 30# B Frac 25 x-link gel containing 77k# 20/40 white sand, 24K# 20/40 super LC
8164 TO 8312	gal 15% NEFE + 60 BS
8164 TO 8312	ACID W/5000 GAL 15% NEFE + 60 BALL SLRS, FRAC W/40,000 GAL 30# BFRAC 25 X-LINK GEL, (SEE REMARKS)

**32. Additional remarks, continued**

6892'-6900' 39,000# 20/40 WHITE SD, 12,000# 20/40 SUPER LC.

DEVIATION REPORT ATTACHED.

LOGS WILL BE OVERNIGHTED TONIGHT TO JERRY FANT W/BLM.

(CHK PN 615815)