

Form 3160-4

(August 2007)

EC
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
 FORM APPROVED
 OMB No. 1004-0137
 Expires July 31, 2010

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 NMNM29234	
b Type of Completion <input 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: lgood@chkenenergy.com		7 Unit or CA Agreement Name and No.	
3 Address PO BOX 18496 OKLAHOMA CITY, OK 73154-0496		8 Lease Name and Well No LOTOS C FEDERAL 912	
3a Phone No. (include area code) Ph: 405-767-4275		9 API Well No 30-015-35356-00-S1	
4 Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 660FSL 1980FEL At top prod interval reported below SWSE 660FSL 1980FEL At total depth SWSE 660FSL 1980FEL		10 Field and Pool, or Exploratory SAND DUNES-DELAWARE, WEST	
14 Date Spudded 06/12/2007		15 Date T D Reached 07/03/2007	
16 Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod 08/10/2007		17 Elevations (DF, KB, RT, GL)* 3478 GL	
18 Total Depth: MD 8538 TVD 8538		19 Plug Back T D MD 8298 TVD 8298	
20 Depth Bridge Plug Set MD TVD		21 Type Electric & Other Mechanical Logs Run (Submit copy of each) SD DS OTH OTH SDL DSNLDSST MSFL	
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 Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17.500	13 375 H-40	48.0	0	925		760		0	
11.000	8 625 J-55	32.0	0	4400		1150		0	
6.875	5.500 N-80	17.0	0	8358		1100		3905	

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	6562							

25 Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No Holes	Perf Status
A) DELAWARE	5834	8222	5834 TO 5855			OPEN
B)			6758 TO 6766		33	Open
C)			7257 TO 7521		50	Open
D)			7977 TO 8222		56	Open

27 Acid, Fracture, Treatment, Cement Squeeze, Etc

Depth Interval	Amount and Type of Material
5834 TO 5855	ACID W/1500 GAL 7 5% HCL, RE-ACID W/1290 GAL 7 5% HCL+100 BS, FRAC W/27300# 16/30 SLC
6758 TO 6766	ACID W/1000 GAL 7 5% HCL_50 BS, FRAC W/44 BBL FRAC FLUID, 23750# 16/30 OTTAWA SAND, (SEE REMARKS)
7257 TO 7521	ACID W/5000 GAL 7 5% HCL+75 BS, FRAC W/19000 GAL MEDALLION 3000 PAD, 1000# 20/40 WHITE (SEE REMARKS)
7977 TO 8222	ACID W/5000 GAL 7 5% HCL+100 BS, FRAC W/19000 GAL MEDALLION 3000 & 32000 GAL 30# LINEAR(SEE REMARKS)

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
08/16/2007	09/23/2007	24	→	55.0	104.0	1903.0			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	
			→	55	104	1903		POW	

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)

ELECTRONIC SUBMISSION #56607 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

PETROLEUM ENGINEER

 ACCEPTED FOR RECORD
 BY DAVID R. GLASS
 OCT 10 2007

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
DELAWARE	5834	8222		PERMIAN RED BEDS CASTILE LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING	0 450 4362 4411 5793 6897 8245

32 Additional remarks (include plugging procedure):
5 1/2" CASING TOC @ 3905 CALC

PERFS & TREATMENT CONT'D.

7977-8222: GEL, 76120 20/40 WHITE SAND, 20760# 20/40 SUPER LC, FLUSH W/184 BBL 2%
7257-7521. 23134 GAL 30# LINEAR GEL, 46117# 20/40 WHITE SAND, 28883# WHITE SAND, 20000#
SUPER LC RE-FRAC W/15000 GAL MEDALLION 3000 PAD, 4000 GAL MEDALLION W/1000# 25 PPG
20/40 WHITE SAND, 32000 GAL 30# LINEAR GEL W/53619# 20/40 WHITE SAND, 20120# 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 #56607 Verified by the BLM Well Information System.

For CHESAPEAKE OPERATING, INC., sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 10/03/2007 (08KMS0032SE)

Name (please print) LINDA GOOD

Title FEDERAL REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/02/2007

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 ****

Additional data for transaction #56607 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
7977 TO 8222		56	Open

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

Depth Interval	Amount and Type of Material
7977 TO 8222	5000 Gal 7 5% HCL + 100 ball sealers

32. Additional remarks, continued

6758-6766: 24000# 16/30 SLC, FLUSH W/157 BBL FRAC FLUID

LOGS WILL BE SENT BY OVERNIGHT MAIL

(CHK PN 613357)



FORSTER DRILLING CORPORATION

2425 Fountain View Dr., Suite 305

Houston, Texas 77057

Phone 713-266-8005

Fax 713-266-8024

OPERATOR: CHESAPEAKE OPERATING
WELL/LEASE: LOTUS C FED 9-12
COUNTY: EDDY, NM

STATE OF NEW MEXICO DEVIATION REPORT

166	1
671	2
925	1
1123	2
1375	1
1631	1
1882	1
2341	1
2658	1
3069	2
3226	2 $\frac{3}{4}$
3328	3 $\frac{1}{4}$
3489	3
3520	3
3668	3
3683	2.7
3722	2.8
3754	3.5
3765	3
3829	3
3860	3.2
4605	0.6
5515	.3
6121	2/5
6384	0.30
6653	1 $\frac{1}{5}$
6748	0.60
7078	1/2
7329	1/2
7564	1 $\frac{1}{5}$
7863	0.20
8265	1 $\frac{1}{4}$
8344	$\frac{3}{4}$

FORSTER DRILLING CORPORATION

FORSTER DRILLING CORPORATION

BY: Cutten Hudnall

STATE OF TEXAS
COUNTY OF ECTOR

The forgoing instrument was acknowledged before me on July 12, 2007, by Cutten Hudnall on behalf of Forster Drilling Corporation.

Kathy Gibson
Notary Public for Ector County, Texas
My Commission Expires: 9/27/09

