

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

Operator

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No NMI C068545	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drift Resvr Other		6. If Indian, Allottee or Tribe Name	
7. Name of Operator CHESAPEAKE OPERATING INC E-Mail lyndee.songer@chk.com		7. Unit or C/A Agreement Name and No NMNM71016X	
8. Address OKLAHOMA CITY, OK 73154-0496		8. Lease Name and Well No PLU PIERCE CANYON 7 FEDERAL 1H	
9a. Phone No (include area code) Ph. 405-935-2411		9. API Well No 30-015-37029-00-S1	
10. Location of Well (Report location clearly and in accordance with Federal requirements) At surface NWNW 330F NI 350F WI At top prod interval reported below NWNW 330FNI 350FWL At total depth SWSW 372FSL 386FWL		10. Field and Pool, or Exploratory WILDCAT	
11. Date Spudded 03/23/2011		11. Sec, T, R, M, or Block and Survey or Area Sec 7 T24S R30E Mer NMP	
12. Date TD Reached 04/10/2011		12. County or Parish LDDY	
13. Date Completed ☐ D & A ☒ Ready to Prod 06/05/2011		13. State NM	
14. Total Depth MD 12250 TVD 7955		14. Depth Bridge Plug Set MD	
15. Plug Back TD MD 12157 TVD 7862		15. Depth Bridge Plug Set MD	
16. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY DSNSDMICRO LOG CBL		16. Was well cased? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ 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	0	940		850		0	
12 250	8 625 J-55	38.0	0	3435		1480		0	
8 750	5 500 L-80	20.0	0	12250	4089	1665		1840	

24. Tailing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 875		7300						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Hole	Perf Status
A) AVALON SAND	8225	12225	8225 TO 12225		480	OPEN, Avalon Shale
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8225 TO 12225	FRAC W/ 67,536 GAL 15% HCL, 100 986 BBL, 4,752 535 # SAND

27. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Flow Status
06/05/2011	06/16/2011	24	→	199.0	20.0	203.0			FLOWS FROM WELL
Choke Size	Thg Press Flow 300 SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	199	20	203		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	Flow Status
			→						
Choke Size	Thg Press Flow 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 #112137 VERIFIED BY THE PLM WELL INFORMATION SYSTEM

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

28b Production - Interval 1

Date Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Interval
Flow Size	Test Press Flow SI	Test Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c Production - Interval 2

Date Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Interval
Flow Size	Test Press Flow SI	Test Press	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29 Disposition of well, well used for fluid analysis, etc. CAPTURED

30 Summary of Previous 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
BASE OF SALT BONE SPRING	3212 7157	3425 7995		BASE OF SALT BFLI CANYON CHERRY CANYON BRUSHY CANYON	3212 3461 4253 5540

32 Additional remarks (include plugging procedure) CONFIDENTIAL

#51
TOP OF SALT 590 3212 ANHYDRITE AND SALT
BASE OF SALT 3212-3425 ANHYDRITE AND LIMESTONE W/MINOR DOLOMITE
TOP OF LAMAR 3425 7157 SAND AND SHALE W/MINOR LIMESTONE
BONE SPRING 7157-7995 LIMESTONE AND SHALE W/MINOR SANDS

33 Circle or check 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 #112137 Verified by the BLM Well Information System
For CHESAPEAKE OPERATING INC. sent to the Carlsbad
Committed to AFMS for processing by DEBORAH MCKINNEY on 07/06/2011 (11DLM1010SE)

Name (please print) LYNDEE SONGER

Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission)

Date 07/01/2011

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 #112137 that would not fit on the form

32. Additional remarks, continued

LOGS SENT VIA UPS OVERNIGHT

(CHK PN 623050)