

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ocid- Artesia

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. NMLC068545		
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			Contact: LYNDEE SONGER E-Mail: lyndee.songer@chk.com		
3. Address OKLAHOMA CITY, OK 73154-0496			3a. Phone No. (include area code) Ph: 405-935-2411		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface : NWNW 330FNL 350FWL At top prod interval reported below NWNW 330FNL 350FWL At total depth SWSW 372FSL 386FWL			7. Unit or CA Agreement Name and No. NMNM71016X		
14. Date Spudded 03/23/2011			15. Date T.D. Reached 04/10/2011		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 06/05/2011			8. Lease Name and Well No. PLU PIERCE CANYON 7 FEDERAL 1H		
18. Total Depth: MD 12250 TVD 7955			9. API Well No. 30-015-37029-00-S1		
19. Plug Back T.D. MD 12157 TVD 7862			10. Field and Pool, or Exploratory NASH DRAW DEL/AS (AUSO)		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAMMARAY DSNSDMICRO-LOG CBL			11. Sec., T., R., M., or Block and Survey or Area Sec 7 T24S R30E Mer NMP		
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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)			12. County or Parish EDDY		
23. Casing and Liner Record (Report all strings set in well)			13. State NM		
24. Tubing Record			17. Elevations (DF, KB, RT, GL)* 3158 GL		

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	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7300						

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

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

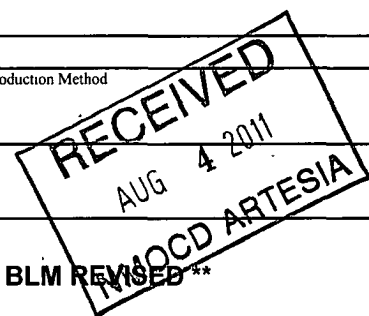
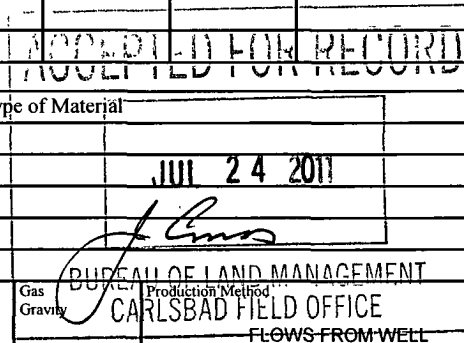
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
06/06/2011	06/16/2011	24	→	199 0	20.0	203 0			POW
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
	300		→	199	20	203			

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 #112137 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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



dm

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.)
CAPTURED

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
BASE OF SALT BONE SPRING	3212 7157	3425 7995		BASE OF SALT BELL 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 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 #112137 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 07/06/2011 (11DLM1010SE)

Name (please print) LYNDEE SONGERTitle REGULATORY COMPLIANCE ANALYSTSignature (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)