

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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MAR 10 2010

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOGS

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other			5. Lease Serial No. NMNM101609		
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☒ Plug Back ☐ Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator CHESAPEAKE OPERATING INC			7. Unit or CA Agreement Name and No.		
Contact: LINDA GOOD E-Mail: linda.good@chk.com			8. Lease Name and Well No. DINWIDDIE 23 FEDERAL 1		
3. Address P O BOX 18496 OKLAHOMA CITY, OK 73154-0496			9. API Well No. 30-025-38242-00-S3		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SENE 1400FNL 660FEL At top prod interval reported below SENE 1400FNL 660FEL At total depth SENE 1400FNL 660FEL			10. Field and Pool, or Exploratory WILDCAT Delaware		
14. Date Spudded 01/15/2007			11. Sec., T., R., M., or Block and Survey or Area Sec 23 T25S R35E Mer NMP		
15. Date T.D. Reached			12. County or Parish LEA		
16. Date Completed ☐ D & A 02/18/2010 ☒ Ready to Prod.			13. State NM		
17. Elevations (DF, KB, RT, GL)* 3128 GL					
18. Total Depth: MD 15861 TVD			19. Plug Back T.D.: MD 1 TVD		
20. Depth Bridge Plug Set: MD 8556 TVD					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DS SEE ORIGINAL COMP			22. Was well cored? ☒ 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	846		670		0	
12.250	9.625 J-55	40.0	0	5010		1500		0	
8.750	7.000 P-110	26.0	0	12708		2100		3543	
6.125	4.500 P-110	15.1	0	15860		600		11500	8560

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	8458							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	8443	8492	8443 TO 8492		82	OPEN
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
8443 TO 8492	ACID W/3000 GAL 15% NEFE+120 BS, FRAC W/12,180 GAL B-FRAC, 18,780 GAL W/57,330# OTTAWA 20/40 SAND,

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
02/21/2010	02/21/2010	24	→	28.0	45.0	272.0			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	
			→	28	45	272		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 #81866 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** 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	Well Status	Production Method
			→				
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Well Status	
			→				

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Well Status	Production Method
			→				
Choke Size	Tbg. Press Flwg SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	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
RUSTLER		792		RUSTLER	792
DELAWARE		4987		DELAWARE	4987
BONE SPRING		8046		BONE SPRING	8046
WOLFCAMP		12006		1ST BONE SPRING SAND	10039
STRAWN		13476		2ND BONE SPRING SAND	10870
MORROW LIME		14797		3RD BONE SPRING SAND	11682
LOWER MORROW		15692		WOLFCAMP	12006
				STRAWN	13176
				ATOKA	13797
				MORROW LIME	14799
				LOWER MORROW	15692

32. Additional remarks (include plugging procedure):
WBS ATTACHED.

(CHK PN 612528)

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 #81846 Verified by the AFM Well Information System
For CHESAPEAKE OPERATING INC., sent to the HONs
Committed to AFMSS for processing by CHERYL RYAN on 02/25/2010 (10CMR0097SE)

Name (please print) LINDA GOOD

Title SR. REGULATORY COMPLIANCE SPEC

Signature (Electronic Submission)

Date 02/24/2010

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 or to any such department or agency.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **