

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

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 **SESE Lot P 175FSL 400FEL**
At top prod interval reported below **SESE 175FSL 400FEL**
At total depth **NENE 358FNL 393FEL**

5. Lease Serial No. **NMNM02862**

6. If Indian, Allottee or Tribe Name _____

7. Unit or CA Agreement Name and No. **NMNM71016X**

8. Lease Name and Well No. **PLU BIG SINKS 22 FEDERAL 1H**

9. API Well No. **30-015-37838-00-S1**

10. Field and Pool, or Exploratory **WILDCAT**

11. Sec., T., R., M., or Block and Survey or Area **Sec 22 T24S R30E Mer NMP**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **11/26/2010** 15. Date T.D. Reached **12/26/2010** 16. Date Completed ☐ D & A ☒ Ready to Prod. **04/08/2011**

17. Elevations (DF, KB, RT, GL)* **3352 GL**

18. Total Depth: **MD 12829 TVD 8196** 19. Plug Back TD **MD 12705 TVD 8101** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) **CASINGCOLLAR GAMMARAY**

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	525		550		0	
11 000	8.625 J-55	32.0	0	4000		1650		0	
7.875	5.500 L-80	20.0	0	12800	4780	1525		3320	

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		7510	2.875		7510			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8275	12775	8275 TO 12775		480	open
B)			8275 TO 12775		480	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material
8275 TO 12775	gal 15% HCL, 97500 bbls fluid, 4800000# sand
8275 TO 12775	15% HCL 97,500 BBLS FLUID, 4,800,000# 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	Well Status
04/08/2011	04/12/2011	24	→	348.0	151.0	348.0			POW
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
	425 SI		→	348	151	348	434		

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
04/08/2011	04/12/2011	24	→	348.0	151.0	348.0			Flows From Well
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
	425 SI		→	348	151	348	434		POW

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #115134 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OCD - Artesia

RECEIVED
AUG 18 2011
NMOCD ARTESIA

ACCEPTED FOR RECORD

AUG 16 2011
BUREAU OF LAND MANAGEMENT
MUSKOGEE FIELD OFFICE

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.)

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	1191	4010		RUSTLER	1183
BELL CANYON	5820	7750		BASE OF SALT	3956
CHERRY CANYON	7750	8770		BELL CANYON	4031
BRUSHY CANYON	9780	10125		CHERRY CANYON	4860
				BRUSHY CANYON	5997
				AVALON SAND	7908

32. Additional remarks (include plugging procedure):

CONFIDENTIAL

CHESAPEAKE IS RESUBMITTING THE COMPLETION REPORT TO REVISE THE TD INFORMATION.

#52 CONT:

FIRST BONE SPRING CARBONATE 8234
FIRST BONE SPRING SAND 8715

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. Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)

Electronic Submission #115134 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 08/15/2011 (11KMS2323SE)

Name (please print) LYNDEE SONGER

Title REGULATORY COMPLIANCE ANALYST

Signature (Electronic Submission)

Date 08/15/2011

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 #115134 that would not fit on the form

32. Additional remarks, continued

SECOND BONE SPRING CARBONATE 9194

(CHK PN 631298)