

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

0 CD Artesia

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. NMNM02862	
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 E-Mail: lyndee.songer@chk.com		7. Unit or CA Agreement Name and No NMNM71016X	
3. Address OKLAHOMA CITY, OK 73154-0496		8. Lease Name and Well No. PLU BIG SINKS 22 FEDERAL 1H	
3a. Phone No. (include area code) Ph: 405-935-2411		9. API Well No. 30-015-37838-00-S1	
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		10. Field and Pool, or Exploratory WILDCAT 6 - 06 524-3026M; 135 97798	
14. Date Spudded 11/26/2010		15. Date T.D. Reached 12/26/2010	
16. Date Completed ☐ D & A ☒ Ready to Prod. 04/08/2010		17. Elevations (DF, KB, RT, GL)* 3352 GL	
18. Total Depth: MD 12800 TVD 8196		19. Plug Back T.D.: 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	

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7510						

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

Depth Interval	Amount and Type of Material
8275 TO 12775	gal 15% HCL, 97500 bbls fluid, 4800000# sand

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			POW
Choke Size	Tbg Press Flwg. 425 SI	Csg Press	24 Hr Rate →	Oil BBL 348	Gas MCF 151	Water BBL 348	Gas Oil Ratio 434	Well Status	

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 #109062 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

ACCEPTED FOR RECORD

JUN 5 2011
BUREAU OF LAND MANAGEMENT
WILDCAT FIELD OFFICE
FLOWS FROM WELL

RECEIVED
JUN 13 2011
NMOCD ARTESIA

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

32. Additional remarks (include plugging procedure):
CONFIDENTIAL

#52 CONT:
Avalon Sand 7908
Avalon Shale 8009
First Bone Spring Carbonate 8234
First Bone Spring Sand 8715
Second Bone Spring Carbonate 9194

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 #109062 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING INC, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/31/2011 (11DLM0808SE)

Name (please print) LYNDEE SONGER

Title REGULATORY COMPLIANCE ANALYST

Signature _____ (Electronic Submission)

Date 05/26/2011

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 #109062 that would not fit on the form

32. Additional remarks, continued

Third Bone Spring Carbonate 9959

LOGS SENT VIA UPS

(CHK PN 631298)



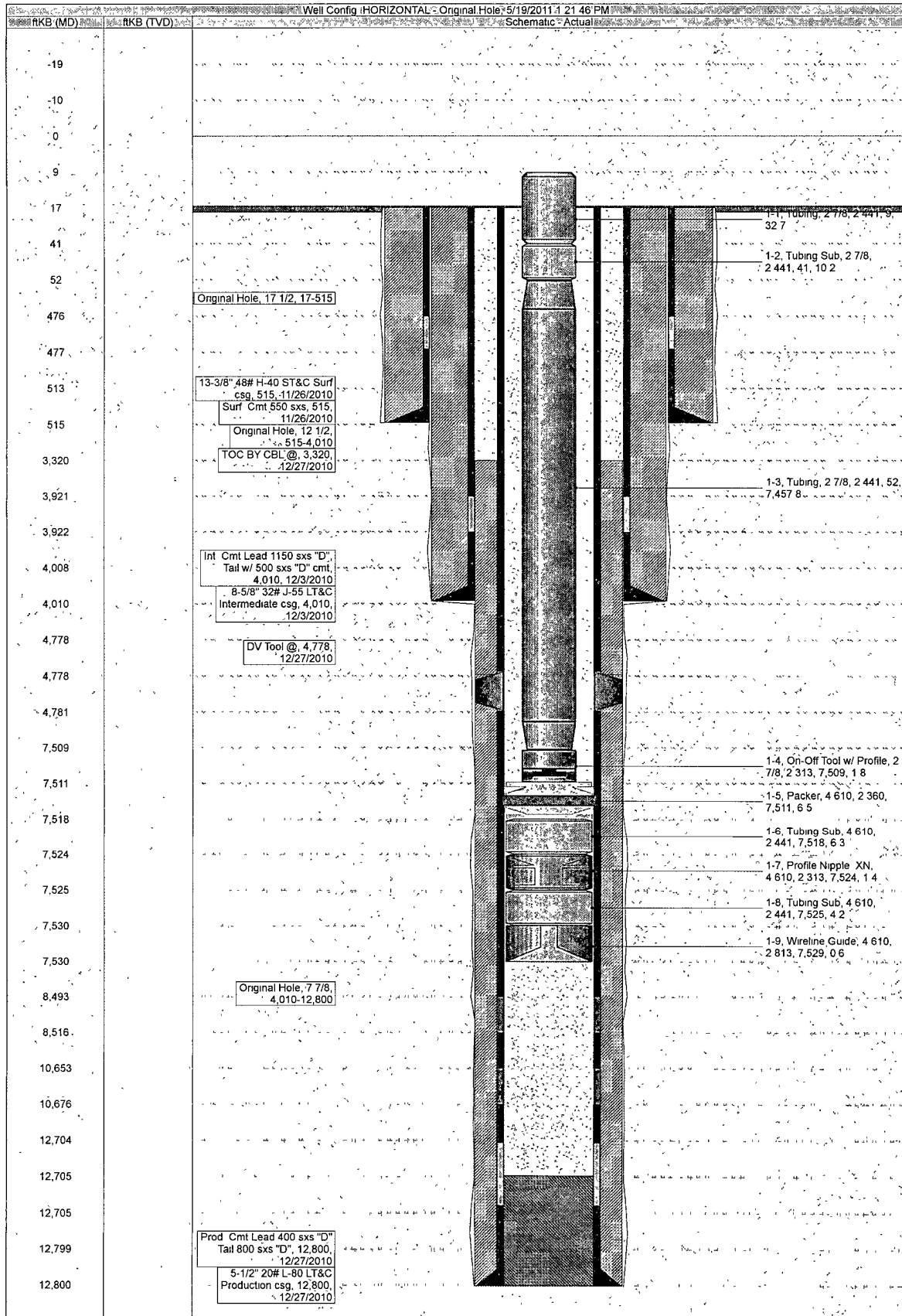
BLM PLU Schematic

PLU BIG SINKS 22 FEDERAL 1H

CONFIDENTIAL

Field:
County: EDDY
State: NEW MEXICO
Location: SEC 22-24S-30E, 175 FSL & 400 FEL
Elevation: GL 3,352.0 KB 3,372.0
KB Height: 20.0

Spud Date: 11/26/2010
Initial Compl. Date:
API #: 3001537838
CHK Property #: 631298
1st Prod Date: 4/8/2011
PBDT: Original Hole - 12705.0
TD: 12,800.0





Regulatory Department

VIA UPS

June 14, 2011

RE: Chesapeake Operating, Inc.
PLU BIG SINKS 22 FEDERAL # 1H
Sec. 22, T-24-S R-30-E
175' FSL & 400' FEL
Eddy Co., NM
API # 30-015-37838

Ready Date 4/8/11
Conf. Ends 7/8/11

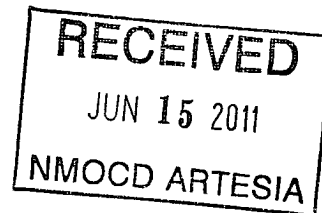
Dears Sirs/Madams:

Chesapeake Operating, Inc. request that the electric logs and completion report submitted be held confidential for the maximum period of time in accordance with NMOCD's Rule 19.15.7.16 (C).

Respectfully yours,

A handwritten signature in cursive script, appearing to read "Bryan G. Arrant".

Bryan G. Arrant
Chesapeake Energy Corp.
Senior Regulatory Compliance Specialist



Attachments:

- NMOCD's C-102 "As Drilled" Land Plat
- NMOCD's C-104 Request for Allowable & Authorization to Transport
- BLM's 3160-4 Completion Report
- Directional Surveys
- Electric Logs