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Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 03 2009

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  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator **CHESAPEAKE OPERATING, INC.** Contact: **LINDA GOOD**  
E-Mail: **linda.good@chk.com**

3. Address **OKLAHOMA CITY, OK 73154-0496** 3a. Phone No. (include area code)  
Ph: **405-935-4275**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
At surface **SESE 32.18248 N Lat, 103.88032 W Lon**  
At top prod interval reported below  
At total depth **NENE 350FNL 850FEL**

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 PIERCE CANYON 28 FEDERAL 1H**

9. API Well No.  
**30-015-36830-00-S1**

10. Field and Pool, or Exploratory  
**WILDCAT Bone Spring EL94733**

11. Sec., T., R., M., or Block and Survey  
or Area **Sec 28 T24S R30E Mer NMP**

12. County or Parish  
**EDDY**

13. State  
**NM**

14. Date Spudded  
**04/23/2009**

15. Date T.D. Reached  
**06/08/2009**

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
**07/14/2009**

17. Elevations (DF, KB, RT, GL)\*  
**3300 GL**

18. Total Depth: **MD 12402 TVD 8026**

19. Plug Back T.D.: **MD 12385 TVD 8009**

20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
**CAL PLATX3-DLDCNLR HRLAMCFLSGR**

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☐ No ☒ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

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## 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	865		1002		0	
12.250	9.625 J-55	40.0	0	3822		1325		0	
8.750	5.500 HCL-80	20.0	0	12394		2500		3200	

## 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	7946							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) <b>BONE SPRINGS</b>			<b>8183 TO 12371</b>		<b>500</b>	<b>OPEN</b>
B) <b>BONE SPRING</b>	<b>8183</b>	<b>12371</b>				
C)						
D)						

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

Depth Interval	Amount and Type of Material
<b>8183 TO 12371</b>	<b>FRAC W/50,000 GAL 15% HCL, 85,745 BBL, 3,519,278# SAND</b>

ACCEPTED FOR RECORD  
SEP 1 2009  
/s/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
FLOWS FROM WELL

## 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
<b>07/16/2009</b>	<b>07/31/2009</b>	<b>24</b>	<b>→</b>	<b>148.0</b>	<b>539.0</b>	<b>1263.0</b>		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
<b>33/64</b>	<b>600</b>		<b>→</b>	<b>148</b>	<b>539</b>	<b>1263</b>	<b>3642</b>	<b>POW</b>

## 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
<b>07/16/2009</b>	<b>07/31/2009</b>	<b>24</b>	<b>→</b>	<b>148.0</b>	<b>539.0</b>	<b>1263.0</b>			<b>FLOWS FROM WELL</b>
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
<b>33/64</b>	<b>600</b>		<b>→</b>	<b>148</b>	<b>539</b>	<b>1263</b>		<b>POW</b>	

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

ELECTRONIC SUBMISSION #73760 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*





Regulatory Department

August 28, 2009

VIA UPS

New Mexico Oil Conservation Division  
1301 West Grand Ave.  
Artesia, NM 88210

RE: Chesapeake Operating, Inc.  
PLU Pierce Canyon 28 Federal # 1H  
350' FNL & 850' FEL (SHL)  
Sec. 28, T-24S R-30-E  
Eddy Co., NM  
API # 30-015-36830

Dear Sirs/Madams:

Chesapeake Operating, Inc. request that the electric logs and the completion report be held confidential for the maximum period of time that is allowed.

Very Truly Yours,

Bryan G. Arrant  
Senior Regulatory Compliance Specialist

Enclosure(s) NMOCD's C-102 (Amended showing actual BHL)  
NMOCD's C-104(NW)  
BLM's 3160-4 (Completion Report)  
Inclination Report  
Directional Drilling Report  
Compensated Neutron /Gamma Ray  
Dual Laterolog/Gamma Ray

- on ocd's website