

RECEIVED**New Mexico Oil Conservation Division, District I**Form 3160-4
(August 2007)**AUG 26 2010**

UNITED STATES

1625 N. French Drive**Hobbs, NM 88240**DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No 1004-0137
Expires July 31, 2010**HOBBSOCD****WELL COMPLETION OR RECOMPLETION REPORT AND LOG**5. Lease Serial No.
NMNM105887

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No
NMNM1244828. Lease Name and Well No
WRINKLE 13 FEDERAL COM 1H9. API Well No
30-005-27994-00-S110. Field and Pool, or Exploratory
UNDESIGNATED-WOLFCAMP11. Sec., T., R., M., or Block and Survey
or Area Sec 13 T15S R31E Mer NMP12. County or Parish
CHAVES13. State
NM17. Elevations (DF, KB, RT, GL)*
4359 GL1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr
Other2. Name of Operator
CHESAPEAKE OPERATING INC Contact: LINDA GOOD
E-Mail: linda.good@chk.com3. Address P.O. BOX 18496
OKLAHOMA CITY, OK 73154-04963a. Phone No (include area code)
Ph: 405-935-4275

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NESE 1980FSL 330FEL 33.01434 N Lat, 103 76752 W Lon ✓

At top prod interval reported below NWSW 2010FSL 535FWL

At total depth NWSW 2010FSL 535FWL

14. Date Spudded
12/26/200915. Date T.D. Reached
02/23/201016. Date Completed
☐ D & A ☒ Ready to Prod.
04/18/201018. Total Depth MD
TVD 13139
894219. Plug Back T.D. MD
TVD 13100
894220. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR22. 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 Sks & Type of Cement	Slurry Vol (BBL)	Cement Top*	Amount Pulled
17 500	13 375 H-40	48.0	0	400		545		0	
12 250	9.625 J-55	40.0	0	4005		1520		0	
8.750	5 500 L-80	20.0	0	13139		2453		2350	

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	8399							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	9208	13079	9208 TO 13079		550	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9208 TO 13079	ACID W/1390 BBL - FRAC W/81,096 BBL SLK WTR, 9691# 25# X-LINK GEL, 4421# 20# X-LINK GEL, 7011# 20#

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cor. API	Gas Gravity	Production Method
06/26/2010	07/12/2010	24	→	8.0	0.0	237.0			ELECTRIC PUMPING UNIT
Choke Size	1bg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→	8	0	237		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Cor. API	Gas Gravity	Production Method
			→						
Choke Size	1bg Press Flwg SI	Csg Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD**APPROVED FOR 6 MONTH PERIOD****ENDING APR 14 2011****ACCEPTED FOR RECORD**
/S/DAVID R. GLASS
AUG 11 2010
PETROLEUM ENGINEER

ELECTRONIC SUBMISSION #90325 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ******JUN 14 2011**

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/Solid, used for fuel, vented, etc.)
NO MEASURABLE GAS

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
QUATERNARY WOLFCAMP	0 9208	200 13079		ABO WOLFCAMP	7650 9060

32. Additional remarks (include plugging procedure):

LOGS BEING SENT VIA OVERNIGHT MAIL TO ROSWELL BLM.

(CHK PN 618706)

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 #90325 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING INC, sent to the Roswell
Committed to AFMSS for processing by RUBEN SANCHEZ on 08/04/2010 (10RJS0775SE)

Name (please print) LINDA GOOD

Title SR. REGULATORY COMPLIANCE SPEC

Signature (Electronic Submission)

Date 07/28/2010

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 about any matter within its jurisdiction.

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



BLM Schematic

WRINKLE 13 FEDERAL COM 1H

CONFIDENTIAL

Field: Delaware Basin North
County: CHAVES
State: NEW MEXICO
Location: SEC 13, 15S-31E, 1980 FSL & 330 FEL
Elevation: GL 4,359.00 KB 4,376.50
KB Height: 17.50

Spud Date: 12/26/2009
Initial Compl. Date:
API #: 3000527994
CHK Property #: 618706
1st Prod Date: 6/26/2010
PBDT: Original Hole - 13100.0
TD: 13,165.0

