

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO 1004-0137
Expires March 31 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1 Lease Serial No. NMNM 111243

2 Name of Operator
CHESAPEAKE OPERATING, INC

3 Address P O BOX 18496
OKLAHOMA CITY, OK 73154-0496

4 Location of Well (Report location clearly and in accordance with Federal requirements)*
990' FNL & 395' FEL, NENE

5 Type of Well
a Type of Completion
b Type of Completion
Other SALT WATER DISPOSAL WELL

6 If Indian, Allottee or Tribe Name

7 Unit or CA Agreement Name and No

8 Lease Name and Well No
SMITH 4 FEDERAL 2

9 AFI Well No
30-025-36730

10 Field and Pool or Exploratory
SWD, YATES

11 Sec, T, R, M on Block and
Survey or Area 4-20S-33E

12 County or Parish
LEA COUNTY

13 State
NM

14 Date Spudded
08/10/2004

15 Date T D Reached
08/17/2004

16 Date Completed
09/04/2006

17 Elevations (DF RKB, RT, GL)*
3568 GR

18 Total Depth MD 3505
TVD

19 Plug Back T D MD
TVD

20 Depth Bridge Plug Set MD
TVD

21 Type Electric & Other Mechanical Logs Run (Submit copy of each)

22 Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

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
12 1/4"	8 5/8"	24#		1428'		800 sx		Surface	
7 7/8"	5 1/2"	15 5#		3505'		800 sx			

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 3/8"	3166'	3166'						

25 Producing Intervals

Formation	Top	Bottom	Perforation Record	Size	No Holes	Perf. Status
A)			Perforated Interval			
B)						
C)						
D)						

26 Perforation Record

27 Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
3215' - 3264'	Acid w/1000 gal 15% NeFe

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
			→						

Choke Size

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

29 (See instructions and spaces for additional data on page 2)

ACCEPTED FOR RECORD

AUG 30 2007

WESLEY W. INGRAM

PETROLEUM ENGINEER

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.)

30 Summary of Porous Zones (Include Aquifers)				31 Formation (Log) Markers	
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.					
Formation	Top	Bottom	Descriptions, Contents, etc	Name	Top Meas Depth

32 Additional remarks (include plugging procedure)

33 Indicate which items have been attached by placing a check in the appropriate boxes

<input type="checkbox"/> Electrical/Mechanical Logs (1 full set req'd)	<input type="checkbox"/> Geologic Report	<input type="checkbox"/> DST Report	<input type="checkbox"/> Directional Survey
<input type="checkbox"/> Sundry Notice for plugging and cement verification	<input type="checkbox"/> Core Analysis	<input type="checkbox"/> Other	

34 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) LINDA GOOD Title FEDERAL REGULATORY ANALYST

Signature Linda Good Date 08/29/2007

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.