

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. NMNM16835		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator Chesapeake Operating Inc.			7. Unit or CA Agreement Name and no.		
3. Address P. O. Box 11050 Midland TX 79702-8050			8. Lease Name and Well No. Neuhaus 14 Federal 5		
3.a Phone No. (Include area code) (432)687-2992			9. API Well No. 30-025-37351		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At Surface 1090' FNL 330' FEL At top prod. interval reported below 1090' FNL & 685' FEL At total depth 1090 FNL & 685 FEL			10. Field and Pool, or Exploratory Featherstone; Bone Springs, East		
14. Date Spudded 08/07/2005			11. Sec., T., R., M., on Block and Survey or Area 14, T20S, R35E		
15. Date T.D. Reached 10/07/2005			12. County or Parish Lea		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/07/2006			13. State New Mexico		
17. Elevations (DF, RKB, RT, GL)* 3658 GR					
18. Total Depth: MD 13330 TVD			19. Plug Back T.D.: MD 13234 TVD		
20. Depth Bridge Plug Set: MD TVD					
21. Type of Electric & Other Mechanical Logs Run (Submit copy of each) GR/CCL/CBL			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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
17 1/2	13 3/8	48		430		350 sx C		0	
12 1/4	9 5/8	40		3755		1360 sx C		0	
8 3/4	7	26		11191		1740 sx H		0	
6 1/2	4 1/2	15.1		13325		300		11198	

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"	10163.27							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Bone Springs	10075	10114	10075 - 114		156	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10075 - 114	Acidize w/5,000 gals 15% NeFe acid + 200BS

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
01/13/06	1/27/06	24	→	498	628	27			Flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
24/64	SI 200	210	→	498	628	27	1261	producing	
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	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD

FEB 16 2006

LES BABYAK
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 (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or 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
	0	2060	Redbeds	Rustler	2060
	2060	3751	Anhy/Salt	Yates	3751
	3751	4086	Anhy/Silt/Dolo/Sand	Seven Rivers	4086
	4086	4958	Anhy/Dolo/Sand	Queen	4741
	4958	5096	Dolo/Sand	Penrose	4958
	5096	5803	Dolo/Sd/Chert	Grayburg	5096
	5803	8078	Dolo/Lm/SD/Silts/Sh/Chert	Delaware	5803
	8078	11296	Lm/Sh/Dolo/Sd/Chert/Silt	Bone Spring	8078
	11296	11500	Lm/Dolo/Sh/Chert	Wolfcamp	11296

32. Additional remarks (include plugging procedure):

Received

FEB 08 2006

Dorland Field Office
Dorland, NM

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

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geological Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ 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) Brenda Coffman Title Regulatory Analyst

Signature

Brenda CoffmanDate 02/07/2006

Title 18 U.S.C. Section 101 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 and false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.