

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division

1625 N. French Dr.

Hobbs, NM 88240

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM24683	
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.		7. Unit or CA Agreement Name and No.	
3. Address P.O. Box 18496, Okl a. City, OK 73154-0496		8. Lease Name and Well No. Merchant Federal 8-#001	
3a. Phone No. (include area code) (405) 848-8000		9. API Well No. 30-025-363180051	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SE SW 880' FSL & 1760' FWL Sec 8-22S-33E At top prod. interval reported below Same At total depth Same		10. Field and Pool, or Exploratory Permian Undesignated Beetles Ridge Morrow	
14. Date Spudded 08/25/03		15. Date T.D. Reached 10/28/03	
16. Date Completed ☐ D & A ☒ Ready to Prod. 12/23/03		11. Sec., T., R., M., on Block and Survey or Area Sec 8-22S-33D	
18. Total Depth: MD 15,400 TVD 15,400		12. County or Parish Lea Co.,	
19. Plug Back T.D.: MD 14,921' TVD		13. State NM	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) SD,DSN; Comp Sonic Log,Dual Laterolog Micro-Guard		17. Elevations (DF, RKB, RT, GL)* GL: 3571'	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)		12. Depth Bridge Plug Set: MD 14,921' TVD 14,921'	
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	54.5#	0	1105'		620 Lite			
12-1/4	9-5/8	40#	0	4600'	800C &	200 Prem +	272 bbls	Surf	
8-3/4	7"	29#	0	12,100'	6999' Stg	1:150H +550	Poz+100	Prem Surf	
	4-1/2" Liner	13.5#	11,984	15,382	250 H	7	bbls	11,984'	

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"	14,630'	14,630'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow "E"			14971-978'	4 spf	28	Abandoned-CIBP@14,921'
B) Morrow "B"			14702-728'	4 spf	104	Producing
C)						
D)						

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

Depth Interval	Amount and Type of Material
14971-978' Morrow "E"	Acidize w/1500 gal 7.5% NeFe w/clay stabilizer; flush w/70 bbls 7% KCL
14702-728' Morrow "B"	frac w/30,000 gal foam & 25K #20/40 Bauxite
	frac w/24,000 gal Foam Pad + 38,750 gal foam carrying 60K# 20/40 Bauxite
	(screened out w/54K# sand in fmn.)

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
12/4/03	12/5/03	8	→	0	0	47 (load wtr	NA	NA	Swab
Choke Size	Tbg. Press. Flwg. 0	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
NA	SI 2000	0	→	0	0		NA	Abandoned	

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
12/8/03	12/26/03	24	→	34	1998	15			Flowing
Choke Size	Tbg. Press. Flwg. 180	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
16/64"	SI 3800	0	→	34	1998	15	38,765 ft3	bbl	Producing

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

ACCEPTED FOR RECORD

SGD) DAVID R. GLASS

FEB 2 2004

DAVID R. GLASS
PETROLEUM ENGINEER

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	Oil Gravity Corr. API	Gas Gravity	Production Method

[illegible]

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

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)*

Name (please print) Andrew J. McCalmont

Title Asset Manager

Signature

Date 01/14/04

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.