

N.M. Oil Cons. Div-Dist. 2
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Alamosa, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

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. Resv.
Other _____

2. Name of Operator

Chesapeake Operating, Inc.

3. Address

P. O. Box 11050 Midland TX 79702-8050

3a. Phone No. (Include area code)
(432)687-2992

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

At Surface 1330' FNL & 800' FWL

At top prod. interval reported below 1330' FNL & 800' FWL

At total depth 1330' FNL & 800' FWL

14. Date Spudded

11/30/2004

15. Date T.D. Reached

12/11/2005

16. Date Completed

☐ D & A ☒ Ready to Prod.
0/42/200518. Total Depth: MD 15350
TVD19. Plug Back T.D.: MD 14945
TVD20. Depth Bridge Plug Set: MD
TVD21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
CCL/GR/CBL22. Was well cored? ☐ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8"	48#		920'		850 sx Lite		Surface	
12 1/4	9 5/8"	40#		4350'		1540 sx Fl		0	
8 3/4	7"	26#		11590'		900 sx H		0	
6 1/8	4 1/2"	15.10#		15344"		425 sx H		11238 (liner)	

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"	14690	14696						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow D	15021	15068	15021 - 68	4 spf	52	CBP @ 15012
B) Morrow C	14934	14945	14934 - 45	4 spf	45	Sqzd w/100sx
C) Morrow B	14759	14850	14759 - 850	4 spf	161	CBP @ 14700
D) Upper Morrow	14470	14589	14470 - 75	4 spf	58	open

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

Depth Interval	Amount and Type of Material
15021 - 68	Acidw/1300gals7.5%HCL;Frac w/20,000gals40#binary pad,34,000gals40#binary sand+34000gals40# bi sd lad
14934 - 945	+51000# Hyperprop G2 20/40 mesh sd
14759 - 14850	15133 acid

28. Production - Interval A

1700 gals 7.5% HCL + 240 ball sealers + frac w/25000 gals 40# Binary pad,42500gals40#Biw/60000#Hy

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/23/2005	5/7/05	24	→	1	1356	3			Flowing
Choice Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
12/64"	SI 11000		→	1	1356	3	13560	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		→						

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

ACCEPTED FOR RECORD

MAY 20 2005

ALEXIS C. SWOBODA
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	580	shale	Rustler	580
	580	4337	Anhydrite, salt & dolomite	Delaware	4337
	4337	8236	Sand and shale	Bone Springs	8236
	8236	11537	Limestone, fine sand & shale	Wolfcamp	11537
	11537	13078	Shale and Limestone	Cisco	13078
	13078	13484	Limestone and Black shale	Strawn	13484
	13484	13680	Limestone and chert	Atoka	13680
	13680	14450	Shale, Lm, Sd, Chert	Upper Morrow Sand	14443
	14450	14556	Sand, shale	Morrow Clastic	14683
	14556	14683	Sd, Shale, Lm, Chert	Lower Morrow	15175
	14683	15175	Shale, Sand, Silt and minor sand	Barnett	15340

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geological 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) Brenda CoffmanTitle Regulatory Analyst

Signature

Date 05/16/2005

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.

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-005-63815
5. Indicate Type of Lease	Fed <input checked="" type="checkbox"/> STATE <input type="checkbox"/> <input type="checkbox"/>
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name	Comanche Hill 18 Federal
8. Well Number	1
9. OGRID Number	147179
10. Pool name or Wildcat	Pecos Slope; Abo (Gas)
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3818 GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input checked="" type="checkbox"/>	
Pit type _____ Depth to Groundwater <u>70</u> Distance from nearest fresh water well <u>1000</u> Distance from nearest surface water <u>1000</u>	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

SUNDY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RESEAL OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other _____

2. Name of Operator
Chesapeake Operating Inc.

3. Address of Operator
2010 Rankin Hwy
Midland, TX 79701

4. Well Location
Unit Letter 2 : 1980 feet from the North line and 710 feet from the West line
Section 18 Township 10S Range 26E NMPM County Chaves

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3818 GR

Pit or Below-grade Tank Application ☐ or Closure ☒

Pit type _____ Depth to Groundwater 70 Distance from nearest fresh water well 1000 Distance from nearest surface water 1000

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: Close drilling pit ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Chesapeake, respectfully, request permission to close the drilling pit for this well. As per OCD rule 50 we will dig the hole to encapsule mud using 20 mil plastic in pit and 20 mil on top. We will then top with 3' of clean dirt off of site.

As a condition of approval, if during
pit construction water is
encountered or if water seeps in pits
after construction the OCD MUST
BE CONTACTED IMMEDIATELY!

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☒.

SIGNATURE Shay Stricklin TITLE Regulatory Assistant DATE 12/13/2006
Type or print name 'Shay Stricklin
For State Use Only
APPROVED BY: District II Supervisor TITLE _____ DATE 12/18/06
Conditions of Approval (if any): _____