

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88201  
District III  
1000 Rio Brazos Rd., Aztec, NM 87411  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised June 10, 2003

WELL API NO.  
30-015-24708

5. Indicate Type of Lease  
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. Type of Completion:  
NEW ☐ WORK ☐ DEEPEN ☒ PLUG ☐ DIFF. ☐  
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

Chesapeake Operating Inc.

3. Address of Operator

2010 Rankin Hwy Midland, TX 79701

4. Well Location

Unit Letter D : 990 Feet From The North Line and 990 Feet From The West Line

Section 18 Township 23S Range 28E NMPM Eddy County

10. Date Spudded 01/31/1984 11. Date T.D. Reached 03/07/2007 12. Date Compl. (Ready to Prod.) 03/07/2007 13. Elevations (DF& RKB, RT, GR, etc.) 3059 GR 14. Elev. Casinghead

15. Total Depth 12650 16. Plug Back T.D. 11840 17. If Multiple Compl. How Many Zones? No 18. Intervals Drilled By Rotary 0-12650 Rotary Tools 0-12650 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 5576-5640 Brushy Canyon 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run No 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	94	437	26	750 sx	
13 3/8	68	2386	17 1/2	2900 sx	
9 5/8	40	10642	12 1/4	900 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
5 1/2	10108	12650	800 sx		2 7/8	5659

26. Perforation record (interval, size, and number)  
Brushy Canyon 5576-5582, 5635-5640 4 spf, 44 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	<u>9 5/8 CIBP @ 5740 w/2 sx cmt</u>
<u>5576-5640</u>	<u>750 gals 15% HCL</u>
	<u>Frac on 2nd page</u>

28. PRODUCTION

Date First Production 03/07/2007 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping 1 1/4"x10' GA, 2 1/2"x20' RHBC pump Well Status (*Prod. or Shut-in*) Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>05/13/2007</u>	<u>24</u>			<u>2</u>	<u>10</u>	<u>20</u>	<u>5000</u>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
			<u>2</u>	<u>10</u>	<u>20</u>	<u>42.0</u>

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*) Sold Test Witnessed By

30. List Attachments  
C-102, C-104

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature Shay Stricklin Printed Name Shay Stricklin Title Regulatory Tech. Date 06/06/2007  
E-mail Address sstricklin@chkenergy.com

Frac Brushy Canyon A&B w/10000 gals Medallion 3000 pad, 4000 gals  
Medallion 3000 w/ 1/4 ppg 16/30 White sd, 16667 gals 30# linear gel containing  
51620# 16/30 White sd, 1667 gals 30# linear gel containing 10140# 16/30 Siber-  
Prop, flush w/1512 gals 30# gelled water.

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

' API Number 30-015-24708	' Pool Code 40380	' Pool Name Loving; Delaware, South
' Property Code 301149	' Property Name Carrasco 18	' Well Number 1
' OGRID No. 147179	' Operator Name Chesapeake Operating Inc.	' Elevation 3059 GR

**<sup>10</sup> Surface Location**

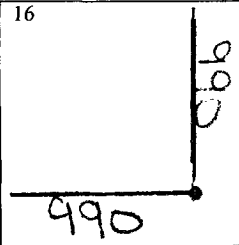
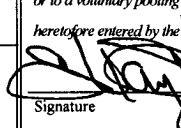
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	23S	28E		990	North	990	West	Eddy

**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	23S	28E		990	North	990	West	Eddy

" Dedicated Acres 40	" Joint or Infill	" Consolidation Code	" Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div>16</div> 					<div>17 <b>OPERATOR CERTIFICATION</b></div> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <div>Signature:  Date: 06/06/2007</div> <div>Printed Name: Shay Stricklin</div>
					<div>18 <b>SURVEYOR CERTIFICATION</b></div> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div>
					Certificate Number

**Arrant, Bryan, EMNRD**

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**From:** Arrant, Bryan, EMNRD  
**Sent:** Tuesday, June 12, 2007 11:02 AM  
**To:** 'Shay Stricklin'  
**Cc:** Gum, Tim, EMNRD; Sanchez, Daniel J., EMNRD; Macquesten, Gail, EMNRD  
**Subject:** Carrasco 18 # 1/API 30-015-24708

Dear Shay,

I have approved the recompletion on the following well to produce from the Delaware on your C-104.

I do need to ask though why Chesapeake Operating, Inc. did not set a 100' cement plug across the top of the Wolfcamp formation as I clearly noted as a stipulation of approval on your permit to plug back.

Also, I need to obtain in writing why Chesapeake Operating, Inc. chooses to submit their regulatory paper work late.

I see that this well was tested back as 1st production on 3/07/2007.

At this time at the very least, the Oil Conservation Division will have the current operator (whoever that maybe) go back and drill out the 9 5/8" CIBP @ 5740' and set a

100' cement plug across the top of the Wolfcamp formation before this well is eventually plugged and abandoned.

Yours truly,

***Bryan G. Arrant***

District II Geologist

New Mexico Oil Conservation Division

1301 West Grand Ave.

Artesia, NM 88210

505-748-1283 Ext. 103

CC: well file

6/12/2007