

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 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

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

Form C-105  
Revised June 10, 2003

WELL API NO.  
30-015-32410

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

7. Lease Name or Unit Agreement Name  
State IE

2. Name of Operator  
Chesapeake Operating Inc.

8. Well No.  
2

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

JUN 28 2007  
OCD-ARTESIA

9. Pool name or Wildcat  
Hackberry Hills; Canyon, East

4. Well Location  
Unit Letter **M** : **660** Feet From The **South** Line and **660** Feet From The **West** Line  
Section **16** Township **22S** Range **26E** NMPM **Eddy** County

10. Date Spudded 10/15/2002	11. Date T.D. Reached 05/25/2007	12. Date Compl. (Ready to Prod) 06/05/2007	13. Elevations (DF& RKB, RT, GR, etc.) 3447 GR	14. Elev. Casinghead
15. Total Depth 11750	16. Plug Back T.D. 11631	17. If Multiple Compl. How Many Zones? No	18. Intervals Drilled By Rotary 0-11750	Rotary Tools Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Canyon Lime 9955-9968 4 spf, 53 holes				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run GR/CBL/CCL			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
13 3/8	48	760	17 1/2	800	
9 5/8	40	2525	12 1/2	400	
5 1/2	17	11750	8 3/4	2090	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	9892	9892
26. Perforation record (interval, size, and number) Morrow 11126-11378 Canyon Lime 9955-9968 4 spf, 53 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 11126-11378 9955-9968 AMOUNT AND KIND MATERIAL USED CIBP @ 11100 w/ 2 sx cmt 2500 gals 15% HCL w/4 gpt iron control			

28. PRODUCTION


Date First Production 06/05/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 06/12/2007	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl 2	Gas - MCF 164	Water - Bbl. 0	Gas - Oil Ratio 82000
Flow Tubing Press. 500	Casing Pressure 1300	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 164	Water - Bbl. 0	Oil Gravity - API - (Corr.) 56.3	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

Test Witnessed By

30. List Attachments  
C-104, C-102

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   
Printed Name Shay Stricklin  
E-mail Address sstricklin@chkenergy.com

Title Regulatory Tech.

Date 06/25/2007

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon	9827	T. Ojo Alamo	T. Penn "B"
T. Salt	T. Strawn	10105	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	10311	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian		T. Menefee	T. Madison
T. Queen	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	T.
T. Blinebry	T. Gr. Wash		T. Morrison	T.
T. Tubb	T. Delaware Sand	2536	T. Todilto	T.
T. Drinkard	T. Bone Springs	4964	T. Entrada	T.
T. Abo	T. Morrow	10690	T. Wingate	T.
T. Wolfcamp 8700	T.		T. Chinle	T.
T. Penn	T.		T. Permian	T.
T. Cisco (Bough C)	T.		T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

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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 30-015-32410	Pool Code 77960	Pool Name Hackberry Hills; Canyon, East
Property Code 30428	Property Name State IE	Well Number 2
OGRID No. 147179	Operator Name Chesapeake Operating Inc.	Elevation 3447 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
M	16	22S	26E		660	South	660	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
M	16	22S	26E		660	South	660	West	Eddy

" Dedicated Acres	" Joint or Infill	" Consolidation Code	" Order No.
320			

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 style="position: relative; height: 400px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; background: repeating-linear-gradient(-45deg, transparent, transparent 2px, black 2px, black 4px);"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; background: repeating-linear-gradient(-135deg, transparent, transparent 2px, black 2px, black 4px);"></div> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; background: repeating-linear-gradient(135deg, transparent, transparent 2px, black 2px, black 4px);"></div> </div>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <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 style="border-top: 1px solid black; padding-top: 5px;"> <div style="display: flex; justify-content: space-between;"> <span>Signature</span> <span>Date</span> </div> <div style="display: flex; justify-content: space-between;"> <span><i>Shay Stricklin</i></span> <span>06/25/2007</span> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> <span>Printed Name</span> </div> </div> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <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 style="border-top: 1px solid black; padding-top: 5px;"> <span>Date of Survey</span> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> <span>Signature and Seal of Professional Surveyor</span> </div> <div style="border-top: 1px solid black; padding-top: 5px;"> <span>Certificate Number</span> </div>
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