

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. 30-015-35351 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____			7. Lease Name or Unit Agreement Name Esperanza 4				
2. Name of Operator Chesapeake Operating Inc.			8. Well No. 007				
3. Address of Operator 2010 Rankin Hwy Midland, TX 79701			9. Pool name or Wildcat Esperanza; Delaware 22640				
4. Well Location Unit Letter I : 1650 Feet From The South Line and 585 Feet From The East Line Section 4 Township 22S Range 27E NMPM Eddy County							
10. Date Spudded 02/09/2007	11. Date T.D. Reached 02/16/2007	12. Date Compl. (Ready to Prod.) 04/06/2007	13. Elevations (DF& RKB, RT, GR, etc.) 3092 GR	14. Elev. Casinghead			
15. Total Depth 5337	16. Plug Back T.D. 5292	17. If Multiple Compl. How Many Zones? No	18. Intervals Drilled By R O-5337	Rotary Tools	Cable Tools		
19. Producing Interval(s), of this completion - Top, Bottom, Name Delaware 4804-5111				20. Was Directional Survey Made No			
21. Type Electric and Other Logs Run CBL				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		
8 5/8	24	400	11	160			
5 1/2	15.5	5325	7 7/8	910			
24. LINER RECORD			25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.875	5292	5292
26. Perforation record (interval, size, and number) Delaware 5170-5198 1 spf Delaware 4804-5111 1 spf, 20 holes				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 5170-5198 CIBP @ 5150 w/1 sx cmt 4804-5111 1500 gals 7.5% HCL w/45 ball sealers			
28. PRODUCTION							
Date First Production 04/17/2007		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Producing		
Date of Test 04/24/2007	Hours Tested 24	Choke Size 30/64	Prod'n For Test Period	Oil - Bbl 47	Gas - MCF 275	Water - Bbl. 396	Gas - Oil Ratio 5851
Flow Tubing Press. 200	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 47	Gas - MCF 275	Water - Bbl. 396	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By	
30. List Attachments C-102, C-104, Inclination report, Logs							
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		Title Regulatory Tech.	
E-mail Address sstricklin@chkenergy.com				Date 05/01/2007			

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 & 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

¹ API Number 30-015-35351		² Pool Code 22640	³ Pool Name Esperanza; Delaware
⁴ Property Code 33998	⁵ Property Name Esperanza 4		⁶ Well Number 007
⁷ OGRID No. 147179	⁸ Operator Name Chesapeake Operating Inc.		⁹ Elevation 3092 GR

¹⁰ Surface Location

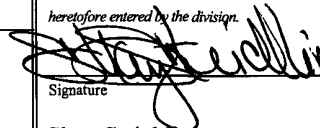
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	22S	27E		1650	South	585	East	Eddy

¹¹ 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
I	4	22S	27E		1650	South	585	East	Eddy

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
40.00			

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.

16				¹⁷ OPERATOR CERTIFICATION 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.  Signature _____ Date 05/01/2007 Shay Stricklin Printed Name _____
				¹⁸ SURVEYOR CERTIFICATION 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. Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number _____

585
1650

WELL NAME AND NUMBER Esperanza 4-#7
LOCATION Section 4, T22S, R27E, 1650 FSL, 883 FEL, Eddy Co.
OPERATOR Chesapeake Operating, Inc.
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation test and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>1 @ 171'</u>	<u>1-3/4 @ 2060'</u>	<u>1 @ 5038'</u>
<u>1-1/2 @ 420'</u>	<u>1-1/4 @ 2186'</u>	<u>3/4 @ 5337'</u>
<u>1-1/4 @ 637'</u>	<u>1/2 @ 2598'</u>	<u> </u>
<u>1 @ 983'</u>	<u>1/2 @ 3010'</u>	<u> </u>
<u>1 @ 1268'</u>	<u>3/4 @ 3454'</u>	<u> </u>
<u>1-1/4 @ 1533'</u>	<u>1 @ 3865'</u>	<u> </u>
<u>3 @ 1775'</u>	<u>1/4 @ 4246'</u>	<u> </u>
<u>2 @ 1933'</u>	<u>1/2 @ 4626'</u>	<u> </u>

Drilling Contractor- UNITED DRILLING, INC.

By: *Luisa Garcia*
(Luisa Garcia)

Title: Assistant Office Manger

Subscribed and sworn to before me this 20 day of February 2007

Denny A. Chaves
Notary Public
Chaves NM
County State

My Commission Expires:

10-8-08

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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised June 10, 2003

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

Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Chesapeake Operating Inc. 2010 Rankin Hwy Midland, TX 79701		² OGRID Number 147179
		³ Reason for Filing Code/ Effective Date NW 4/24/2007
⁴ API Number 30 -015-35351	⁵ Pool Name Esperanza; Delaware	⁶ Pool Code 22640
⁷ Property Code 33998	⁸ Property Name Esperanza 4	⁹ Well Number 007

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
I	4	22S	27E		1650	South	585	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	4	22S	27E		1650	South	585	East	Eddy
¹² Lse Code S	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
	BP America Production		Oil	
	DCP Midstream		Gas	

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 02/09/2007	²⁶ Ready Date 04/06/2007	²⁷ TD 5337	²⁸ PBTB 5292	²⁹ Perforations 4804-5111	³⁰ DHC, MC
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
11	8 5/8	400	160		
7 7/8	5 1/2	5325	910		
	2 7/8	5292			

VI. Well Test Data

³⁵ Date New Oil 04/06/2007	³⁶ Gas Delivery Date 04/06/2007	³⁷ Test Date 04/24/2007	³⁸ Test Length 24	³⁹ Tbg. Pressure 200	⁴⁰ Csg. Pressure
⁴¹ Choke Size 30/64	⁴² Oil 47	⁴³ Water 396	⁴⁴ Gas 275	⁴⁵ AOF	⁴⁶ Test Method Flowing

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed name: **Shay Stricklin**
Title: **Regulatory Tech.**
E-mail Address: **sstricklin@chkenergy.com**
Date: **05/01/2007** Phone: **(432)687-2992**

OIL CONSERVATION DIVISION

Approved by:

Title: **BRYAN G. ARRANT
DISTRICT II GEOLOGIST**

Approval Date: **MAY 04 2007**