

District I
1625 N French Dr Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, 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-101
Revised June 10, 2003

Submit to appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Chesapeake Operating, Inc. 2010 Rankin Hiway Midland, TX 79701		² OGRID Number 147179
		³ API Number 30 - 025 - 28960
⁴ Property Code 25658 29563	⁵ Property Name Moby	⁶ Well No 2

⁷ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	20S	38E		830	North	1980	West	Lea

⁸ Proposed 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
C	7	20S	38E		830	North	1980	West	Lea

⁹ Proposed Pool 1 Lovington, Grayburg-San Andres	¹⁰ Proposed Pool 2 Skaggs Grayburg Wildcat San Andres
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¹¹ Work Type Code Plugback	¹² Well Type Code Oil	¹³ Cable/Rotary	¹⁴ Lease Type Code Private	¹⁵ Ground Level Elevation 3559.9
¹⁶ Multiple	¹⁷ Proposed Depth 6069	¹⁸ Formation Grayburg-San Andre	¹⁹ Contractor	²⁰ Spud Date

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	9 5/8	36	1450	640 sx	Surface
8 3/4	7	26	6069	300 sx	3800

²² Describe the proposed program If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone Describe the blowout prevention program, if any. Use additional sheets if necessary

Chesapeake proposes to run in hole with a 7" CIBP and set it at 4,900'. We will bail 2 sx cmt. on top and test to 2000#. We will then perforate the Grayburg, following with acid and frac jobs.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief Signature: <i>Brenda Coffman</i> Printed name: Brenda Coffman Title: Sr. Regulatory Comp. Specialist E-mail Address: bcoffman@chkenergy.com Date: 02/15/2007 Phone: (432)687-2992		OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER Approval Date: JUN 20 2007 Expiration Date: Conditions of Approval Attached <input type="checkbox"/>	
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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 June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-28960		Pool Code 40580 57380	SK9996 / Wildcat Livingston, Grayburg, San Andres
Property Code 25658 29563	Property Name Moby		Well Number 2
OGRID No 147179	Operator Name Chesapeake Operating, Inc.		Elevation 3559.9

¹⁰Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	20S	38E		1980	West	830	North	Lea

¹¹Bottom 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

" 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 data-bbox="133 928 1039 1854" data-label="Figure"> </div>	<p>¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Brenda Coffman</i> Signature</p> <p>Brenda Coffman Printed Name</p> <p>Sr. Reg. Comp. Specialist bcoffinan@chkenergy.com Title and E-mail Address</p> <p>02/15/2007 Date</p>
	<p>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</p>
	<p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p>
	<p>Certificate Number</p>