

**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

Form C-101  
Revised March 17, 1999

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

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**

<sup>1</sup> Operator Name and Address Chesapeake Operating, Inc. P. O. Box 18496 Oklahoma City, OK 73154-0496		<sup>2</sup> OGRID Number 147179
<sup>3</sup> Property Name Christmas R		<sup>4</sup> API Number 30-025-36348
<sup>5</sup> Property Code 32561		<sup>6</sup> Well No. 2

<sup>7</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
A	7	20S	38E		330'	North	420'	East	Lea

<sup>8</sup> 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
<sup>9</sup> Proposed Pool 1 SKAGGS; Wildcat Abo, East					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G/O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 5 3568'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 7600'	<sup>18</sup> Formation Abo	<sup>19</sup> Contractor Key #27	<sup>20</sup> Spud Date 09/14/03

<sup>21</sup> Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4	8-5/8	24# - J-55	0-1500'	600	Surface
7-7/8"	5-1/2	17# J-55	0-7600'	800	4000'

<sup>22</sup> 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 Operating, Inc. proposes to drill to a T.D of 7600' in the Abo formation with Key #27 rig as the drilling contractor.

The BOP consists of 11" 3,000# blind & pipe rams & 11" 3000# annular (see schematic)

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Barbara J. Bale*

Printed name: Barbara J. Bale

Title: Regulatory Analyst

Date: 07/14/03

Phone: (405) 848-8000

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: PETROLEUM ENGINEER

Approval Date: JUL 31 2003 Expiration Date:

Conditions of Approval:

Attached ☐

9500

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-36348</b>	Pool Code <b>56630</b>	Pool Name <b>SKAGGS Abo East</b>
Property Code <b>32561</b>	Property Name <b>CHRISTMAS R</b>	Well Number <b>2</b>
OGRID No. <b>147119</b>	Operator Name <b>CHESAPEAKE OPERATING, INC.</b>	Elevation <b>3568'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	20-S	38-E		330'	NORTH	420'	EAST	LEA

## 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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>40</b>			

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

LOT 1					<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Lynda F. Townsend</i> Signature <b>Lynda F. Townsend</b> Printed Name <b>Landman</b> Title <b>7-29-03</b> Date
40.68 AC					
LOT 2				<b>GEODETIC COORDINATES</b> NAD 27 NME Y = 581685.0 N X = 855150.7 E LAT. = 32°35'37.91"N LONG. = 103°10'48.74"W	<b>SURVEYOR CERTIFICATION</b> 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. June 05, 2003 Date Surveyed Signature & Seal of Professional Surveyor Gary Edson 6/12/03 Certificate No. <b>RONALD J. KIDSON 3239</b> <b>GARY EDSON 12641</b>
40.59 AC					
LOT 3					
40.57 AC					
LOT 4					
40.53 AC					