

## 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 ResourcesOil 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

<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 Code 33147		<sup>4</sup> Property Name Cecil Trust 25
		<sup>5</sup> API Number 30-005-21186
		<sup>6</sup> Well No. 1

<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
M	25	15S	31E		990	South	990	West	Chaves

<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<sup>10</sup> Proposed Pool 2

Wildcat, Queen	
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<sup>11</sup> Work Type Code NW	<sup>12</sup> Well Type Code Oil	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code P	<sup>15</sup> Ground Level Elevation 4355'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 3,800'	<sup>18</sup> Formation Queen	<sup>19</sup> Contractor United Rig #23	<sup>20</sup> Spud Date 11/15/03

<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	32#	0-400'	± 450	Surface
7-7/8	5-1/2	17#	0-3,800'	± 720	2,700'

<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 3,800' in the Queen formation.

The BOP will consist of 8-5/8" 3M# blind &amp; pipe rams &amp; 8-5/8" 3M# 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

E-mail Address: bbale@chkenergy.com

Date: 11/19/03

Phone:  
(405) 848-8000

## OIL CONSERVATION DIVISION

Approved by:

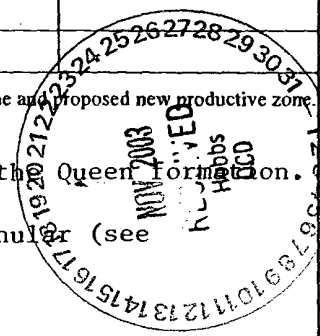
Title:

Approved:

NOV 21 2003

Expiration Date:

Conditions of Approval:

Attached ☐

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

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

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
P.O. Box 2088, Santa Fe, N.M. 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-005-21186</b>	Pool Code <b>✓</b>	Pool Name <b>Wildcat; Queen</b>
Property Code <b>33147</b>	Property Name <b>CECIL TRUST "25"</b>	Well Number <b>1</b>
OGRID No. <b>147179</b>	Operator Name <b>CHESAPEAKE OPERATING, INC.</b>	Elevation <b>4355'</b>

Surface Location

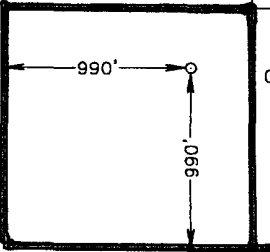
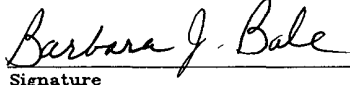
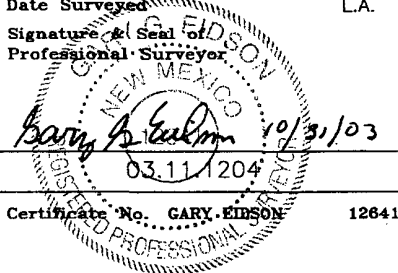
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	25	15-S	31-E		990	SOUTH	990	WEST	CHAVES

Bottom Hole Location If Different From Surface

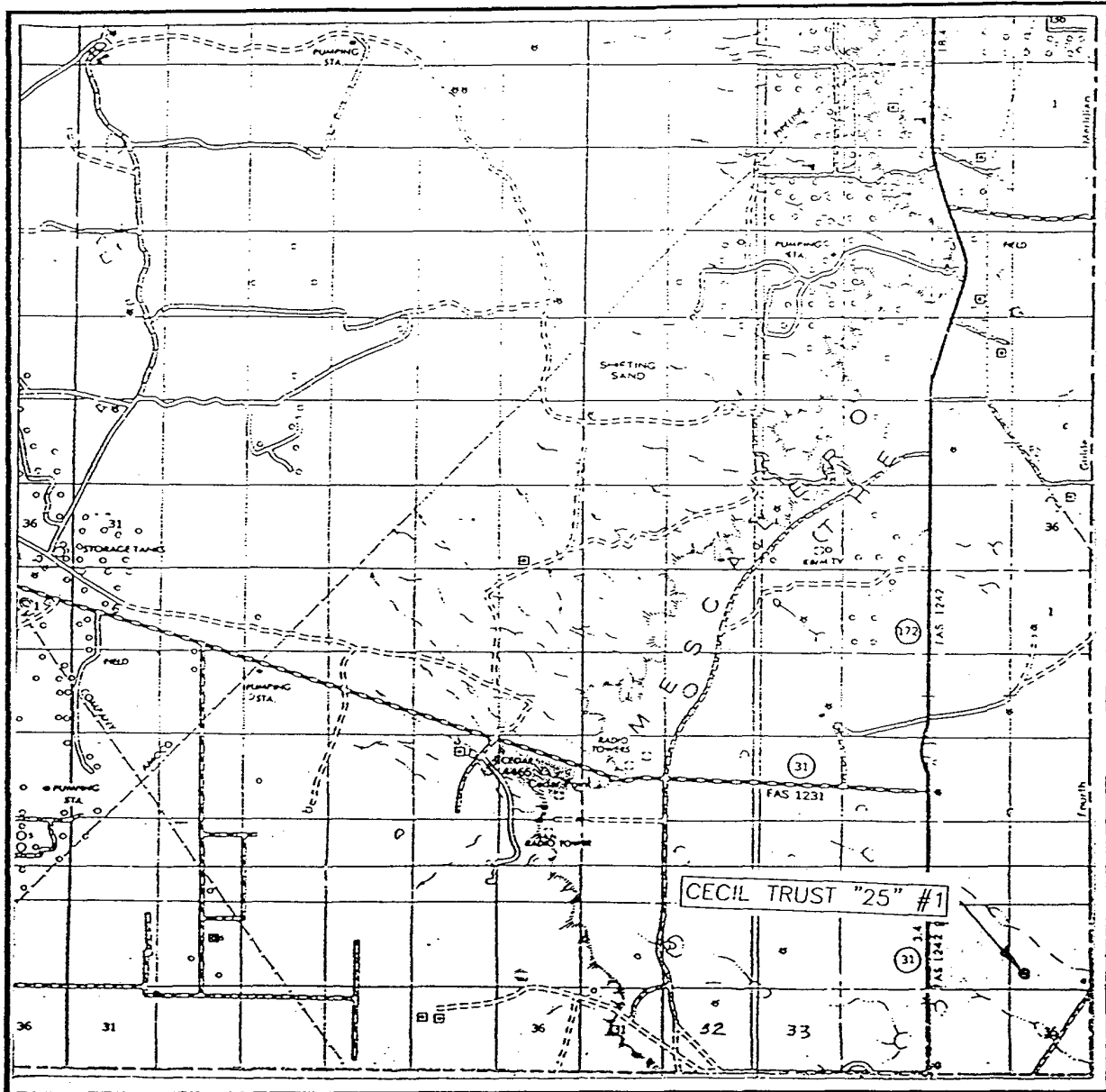
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

 <p>GEODEIC COORDINATES NAD 27 NME Y = 721522.7 N X = 669686.1 E LAT. 32.982309°N LONG. 103.779972°W</p>	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature  Barbara J. Bale Printed Name  Regulatory Analyst Title  11/19/03 Date	
	<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.  OCTOBER 30, 2003 Date Surveyed  Signature & Seal of Professional Surveyor  Certificate No. GARY E. EISON 12641	

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 25 TWP. 15-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 990' FSL & 990' FWL

ELEVATION 4355'

OPERATOR CHESAPEAKE OPERATING, INC.

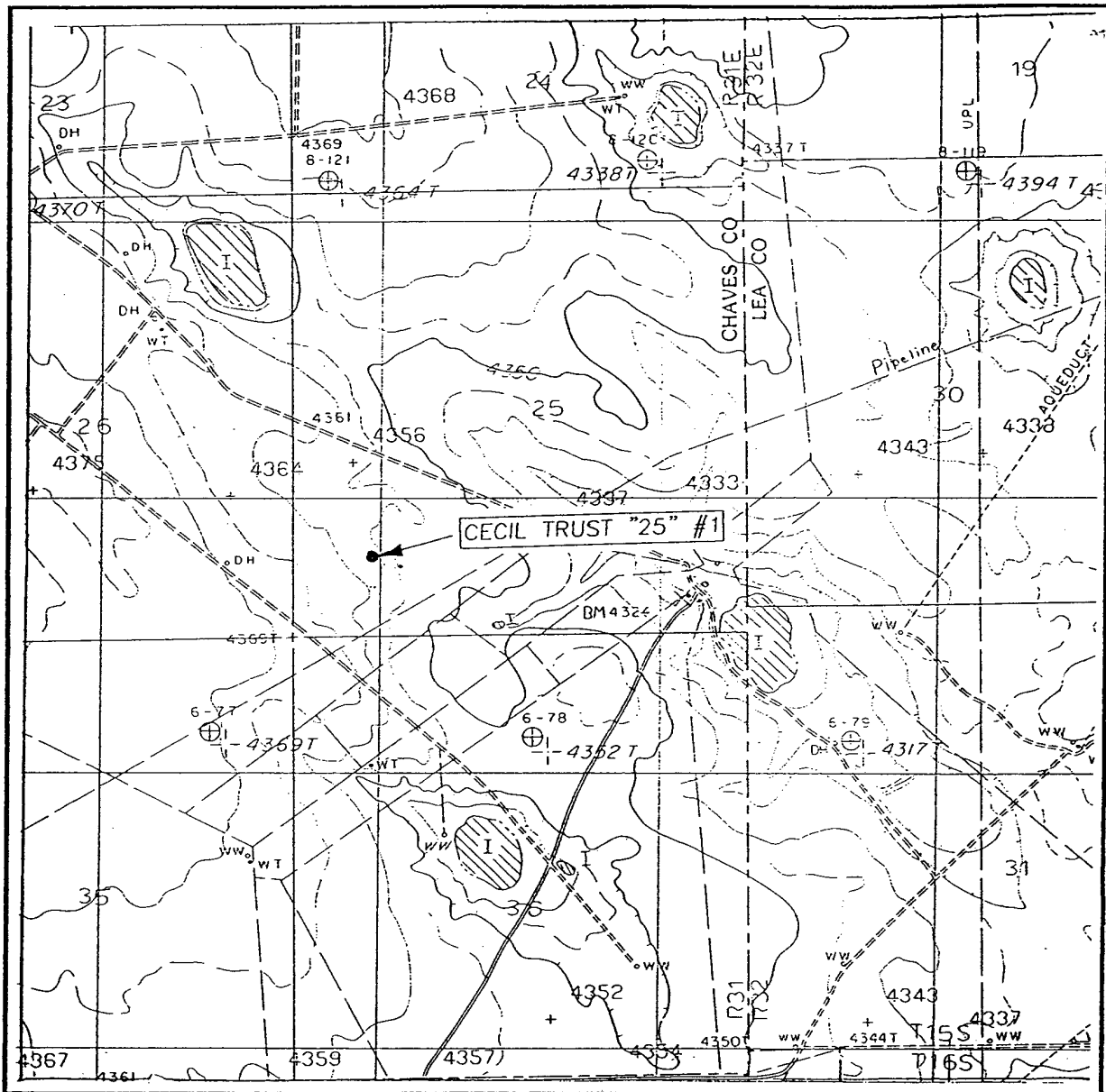
LEASE CECIL TRUST "25"

**JOHN WEST SURVEYING**  
**HOBBS, NEW MEXICO**  
**(505) 393-3117**

## DRIVING DIRECTIONS

FROM THE INTERSECTION OF ST. HWY #249 AND LEA CO. RD. #121 (MENDEL RD.). GO EAST ON MENDEL 1.3 MILES TO WILBANKS RD. TURN LEFT AND GO 0.6 MILES NORTHEAST. TURN LEFT AND GO 0.2 MILES NORTHWEST TO THE BEGINNING OF A TWO TRACK ROAD. CONTINUE ON TWO TRACK ROAD FOR 0.5 MILES TO BP AMERICA PIPELINE MKR. PROPOSED LOCATION IS 1324' NORTH NORTHEAST.

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'  
MALJAMAR NE, N.M.

SEC. 25 TWP. 15-S RGE. 31-E

SURVEY N.M.P.M.

COUNTY CHAVES

DESCRIPTION 990' FSL & 990' FWL

ELEVATION 4355'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE CECIL TRUST "25"

U.S.G.S. TOPOGRAPHIC MAP  
MALJAMAR NE, N.M.

JOHN WEST SURVEYING  
HOBBS, NEW MEXICO  
(505) 393-3117

BLOWOUT PREVENTOR SCHEMATIC  
CHESAPEAKE OPERATING INC

WELL : CECIL TRUST 1-25

FIELD : Cedar Point Prospect

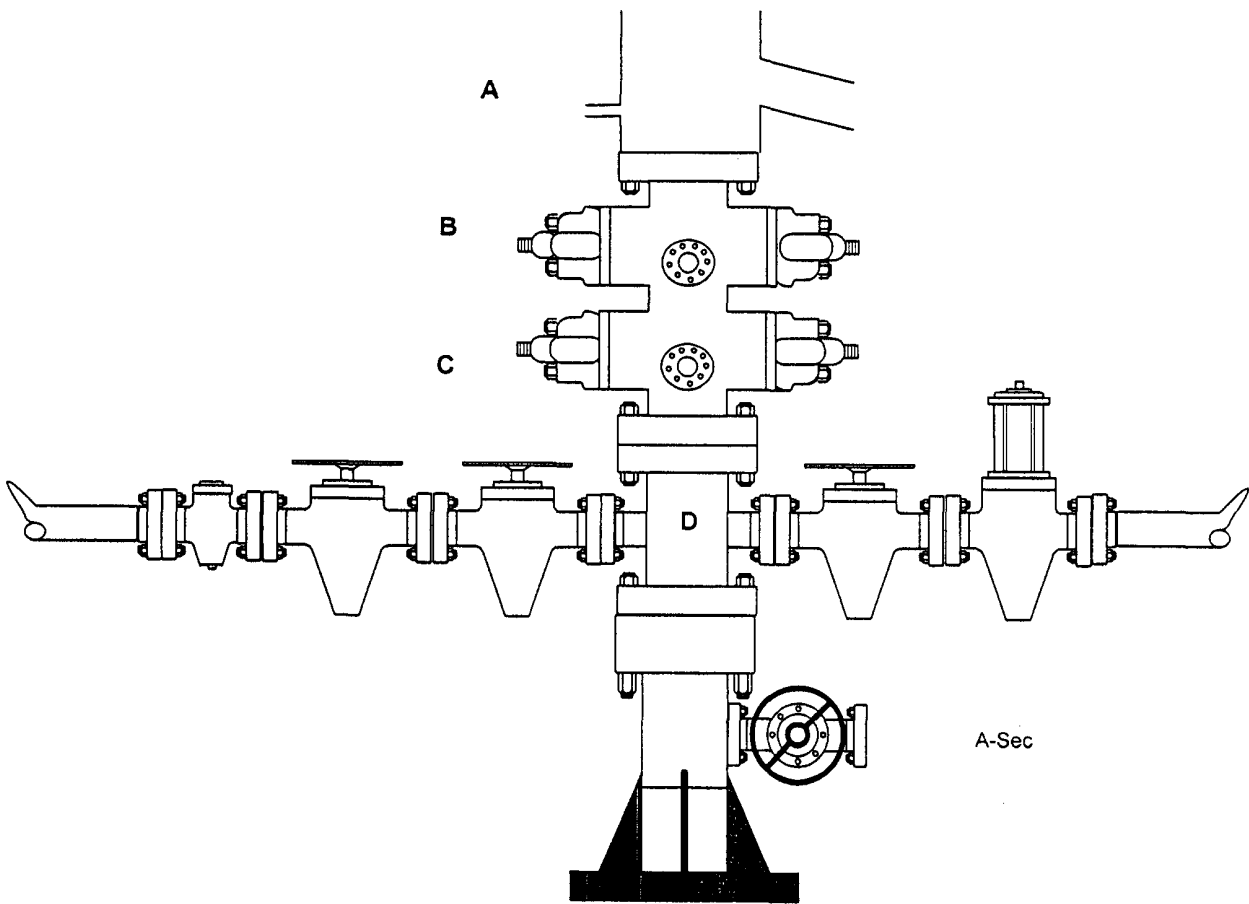
RIG : United #23

COUNTY : Chaves

STATE: New Mexico

OPERATION: Drill out below 8-5/8" Casing

SIZE		PRESSURE	DESCRIPTION
A			Flow Line
B	11"	3,000#	Pipe Rams
C	11"	3,000#	Blind Rams
D	11"	3,000#	Mud Cross
A-Sec		8-5/8" SOW x 11" 3M	



Kill Line

SIZE	PRESSURE	DESCRIPTION
2"	3,000#	Check Valve
2"	3,000#	Gate Valve
2"	3,000#	Gate Valve

Choke Line

SIZE	PRESSURE	DESCRIPTION
2"	3,000#	Gate Valve
2"	3,000#	HCR Valve