

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-101  
Revised February 10, 1994  
Instructions on back  
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>1</sup> OGRID Number 147179
		<sup>1</sup> API Number 30-025-3373t
<sup>4</sup> Property Code 20074	<sup>1</sup> Property Name BUS BARN 4	<sup>1</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
T	4	16S	36E		2190	South	640	West	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>8</sup> Proposed Pool 1 Wildcat West Lovington Strawn									
<sup>8</sup> Proposed Pool 2									

<sup>11</sup> Work Type Code N	<sup>11</sup> Well Type Code D	<sup>11</sup> Cable/Rotary Rotary	<sup>11</sup> Lease Type Code P	<sup>11</sup> Ground Level Elevation 3926'
<sup>11</sup> Multiple No	<sup>11</sup> Proposed Depth 12,050'	<sup>11</sup> Formation Strawn	<sup>11</sup> Contractor Zia Drill	<sup>11</sup> Spud Date 12-27-96

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#/ft	450'	495	Surface
11"	8-5/8"	32 & 28#/ft	4,700'	945	Surface
7-7/8"	5-1/2"	17#	12,050'	1402	4500'

<sup>21</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 proposes to drill to 12,050' TD thru the Strawn to the Atoka with ZiaDrill as the drilling contractor.

ZiaDrill's BOP stack consists of 11"x5000# Shaffer Double with 5000# Hydrill Annular Preventor.

40 Acre N/2 SW Sec. 4

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

<sup>21</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

D. Steven Tipton

Title:

Sr. Drilling Engineer

Date:

12-16-96

Phone:

(405)348-8000

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

# C-101 Instructions

Measurements and dimensions are to be in feet/inches. Well locations will refer to the New Mexico Principal Meridian.

IF THIS IS AN AMENDED REPORT CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

- 1 Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
- 2 Operator's name and address
- 3 API number of this well. If this is a new drill the OCD will assign the number and fill this in.
- 4 Property code. If this is a new property the OCD will assign the number and fill it in.
- 5 Property name that used to be called 'well name'
- 6 The number of this well on the property.
- 7 The surveyed location of this well New Mexico Principal Meridian NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD Unit Letter.

8 The proposed bottom hole location of this well at TD

9 and 10 The proposed pool(s) to which this well is being drilled.

- 11 Work type code from the following table:  
 N New well  
 E Re-entry  
 D Drill deeper  
 P Plugback  
 A Add a zone

- 12 Well type code from the following table:  
 O Single oil completion  
 G Single gas completion  
 M Multiple completion  
 I Injection well  
 S SWD well  
 W Water supply well  
 C Carbon dioxide well

- 13 Cable or rotary drilling code  
 C Propose to cable tool drill  
 R Propose to rotary drill

- 14 Lease type code from the following table:  
 F Federal  
 S State  
 P Private  
 N Navajo  
 J Jicarilla  
 U Ute  
 I Other Indian tribe

15 Ground level elevation above sea level

16 Intend to multiple complete? Yes or No

17 Proposed total depth of this well

- 18 Geologic formation at TD
- 19 Name of the intended drilling company if known.
- 20 Anticipated spud date.
- 21 Proposed hole size ID inches, proposed casing OD inches, casing weight in pounds per foot, setting depth of the casing or depth and top of liner, proposed cementing volume, and estimated top of cement
- 22 Brief description of the proposed drilling program and BOP program. Attach additional sheets if necessary.
- 23 The signature, printed name, and title of the person authorized to make this report. The date this report was signed and the telephone number to call for questions about this report.

## DISTRICT I

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

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

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

☐ AMENDED REPORT

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33731	Pool Code 40875	Pool Name <i>Wildcat</i> West Lovington Strawn
Property Code 20074	Property Name BUS BARN 4	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING INC.	Elevation 3926

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
T	4	16 S	36 E		2190	SOUTH	840	WEST	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 40	Joint or Infill	Consolidation Code	Order No.						

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 4 50.60 ACRES	LOT 3 50.47 ACRES	LOT 2 50.35 ACRES	LOT 1 50.22 ACRES
LOT 5 40 ACRES	LOT 6 40 ACRES	LOT 7 40 ACRES	LOT 8 40 ACRES
LOT 12 40 ACRES	LOT 11 40 ACRES	LOT 10 40 ACRES	LOT 9 40 ACRES
LOT 13 40 ACRES	LOT 14 40 ACRES	LOT 15 40 ACRES	LOT 16 40 ACRES

## OPERATOR CERTIFICATION

I hereby certify the information  
contained herein is true and complete to the  
best of my knowledge and belief.

*D. Steven Tipton*  
Signature

D. Steven Tipton  
Printed Name

Sr. Drilling Engineer  
Title

12-17-96  
Date

## 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.

NOVEMBER 1, 1996

Date Surveyed JLP

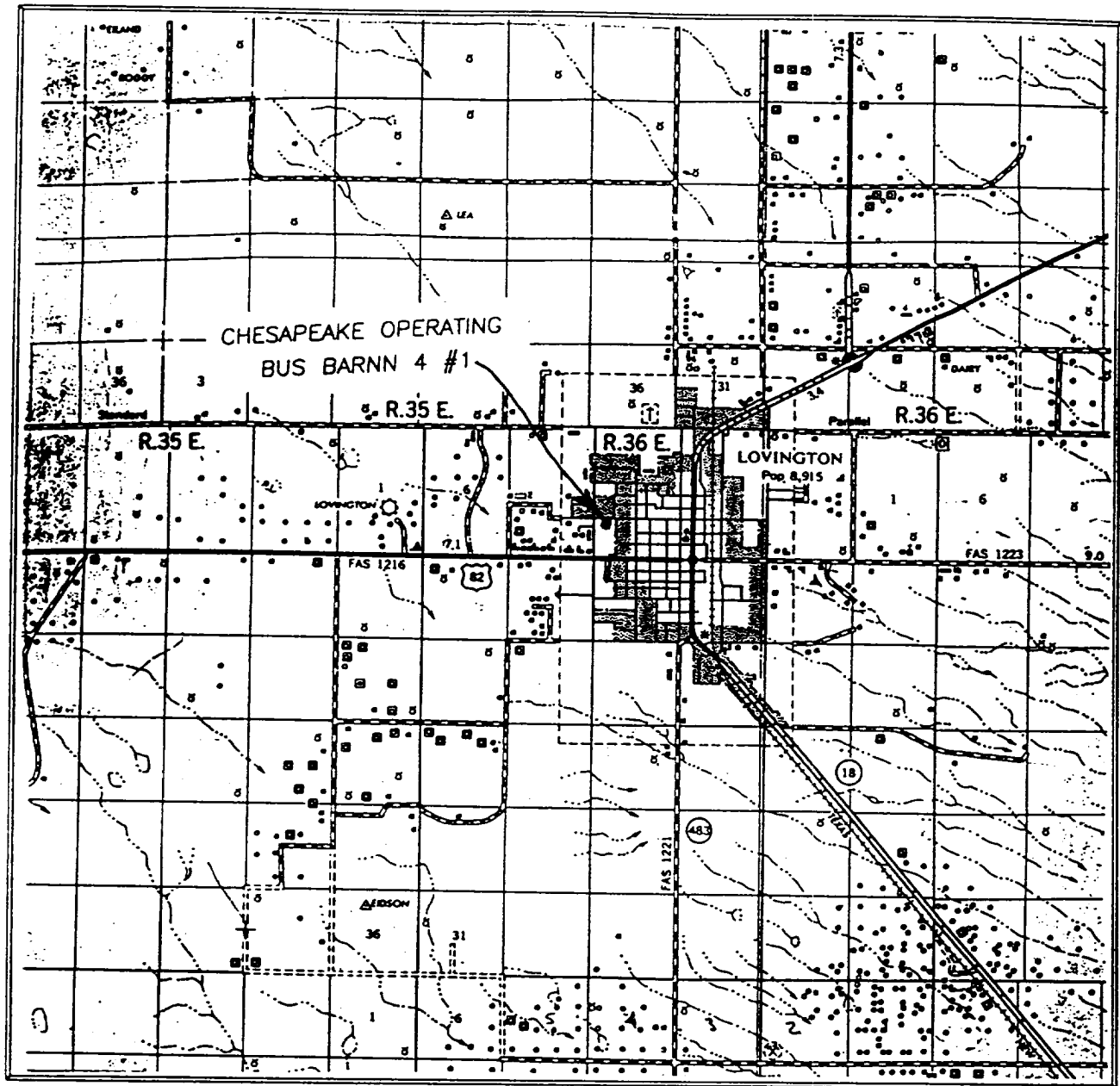
Signature & Seal of  
Professional Surveyor

*Donald J. Eidson*  
11-04-96

W.O. Num. 96-11425

Certificate No. JORN W. WEST, 676  
DONALD J. EIDSON, 3239

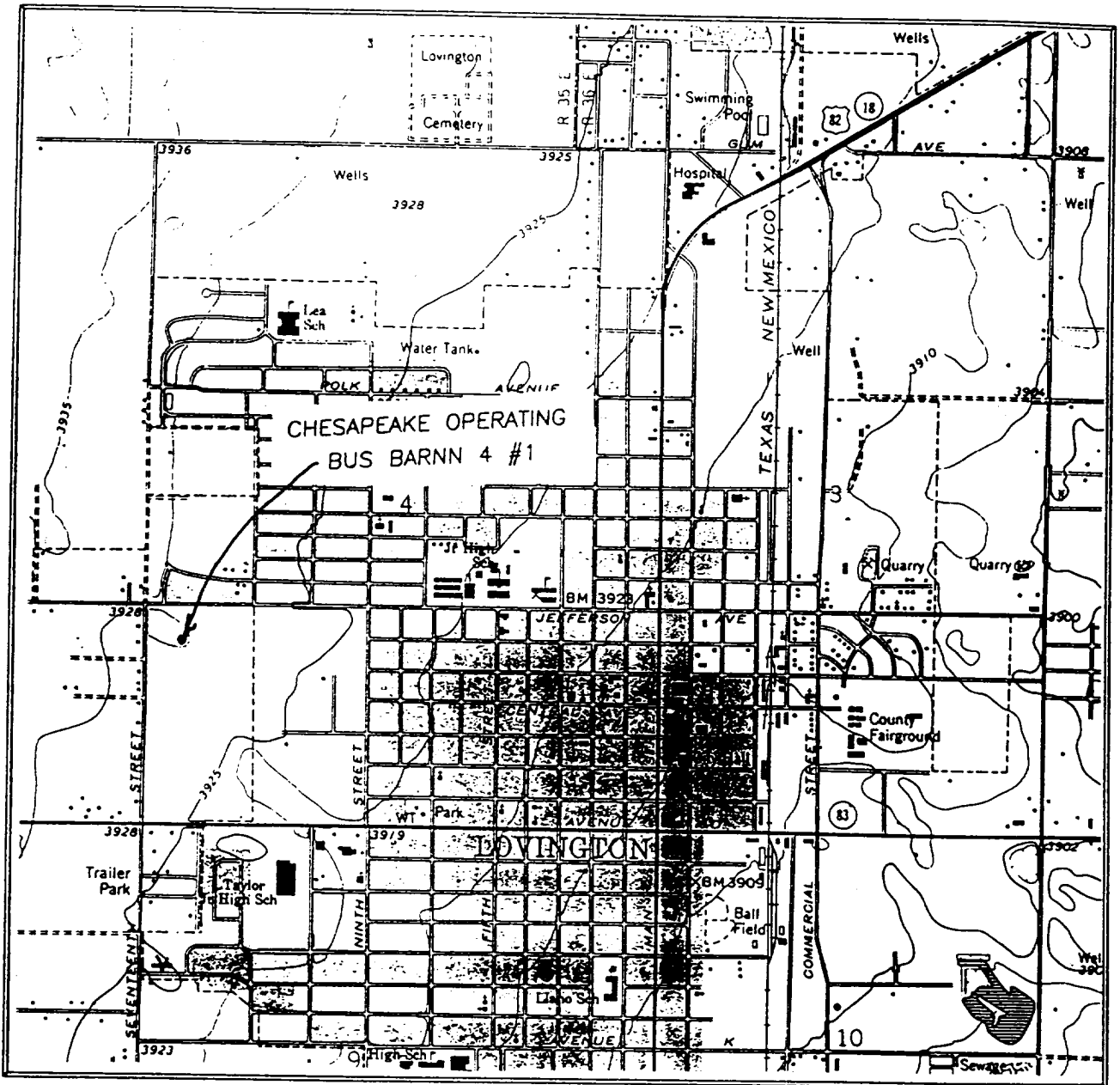
# VICINITY MAP



SEC. 4 TWP. 16-S RGE. 36-E  
 SURVEY N.M.P.M.  
 COUNTY LEA  
 DESCRIPTION 2190' FSL & 840' FWL  
 ELEVATION 3926'  
 OPERATOR CHESAPEAKE OPERATING  
 LEASE BUS BARN 4 #1

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 4 TWP. 16-S RGE. 36-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2190' FSL & 840' FWL

ELEVATION 3926'

OPERATOR CHESAPEAKE OPERATING

LEASE BUS BARN 4 #1

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON, N.M.

**JOHN WEST ENGINEERING**

**HOBBS, NEW MEXICO**

**(505) 393-3117**