

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

Operator Name and Address. Chesapeake Operating, Inc. P. O. Box 18496 Oklahoma City, OK 73154-0496		OGRID Number 147179
Property Code 23520	Property Name CARTWRIGHT 7	API Number 30-025-34466
		Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	7	16S	37E	2	2088	North	812	West	LEA

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 N. E. Lovington-Penn					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code P	Ground Level Elevation 3852'
Multiple No	Proposed Depth 11,900'	Formation Strawn	Contractor Patterson #45	Spud Date 11-10-98

21 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#	450'	500	Surface
12-1/4"	9-5/8"	40#	4,500'	2000	Surface
7-7/8"	5-1/2"	17#	11,900'	1500	4000' ±

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 11,900 T.D. in the Strawn formation with Patterson as the drilling contractor.

The BOP stack will consist of 11" 5M# Double Ram Preventer with blind & pipe rams & 11" 5M# annular.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Barbara J. Bale</i>		OIL CONSERVATION DIVISION	
Printed name: Barbara J. Bale		Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS	
Title: Regulatory Analyst		Title: DISTRICT I SUPERVISOR	
Date: 07/17/98	Phone: (405) 848-8000	Approval Date: JUL 21 1998	Expiration Date:
		Conditions of Approval: Attached <input type="checkbox"/>	

4504

4504

# 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 SOP 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.

RECEIVED  
OCT 10 1964

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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-34466	Pool Code 40760	Pool Name N. E. Lovington-Penn
Property Code 23520	Property Name CARTWRIGHT "7"	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3852

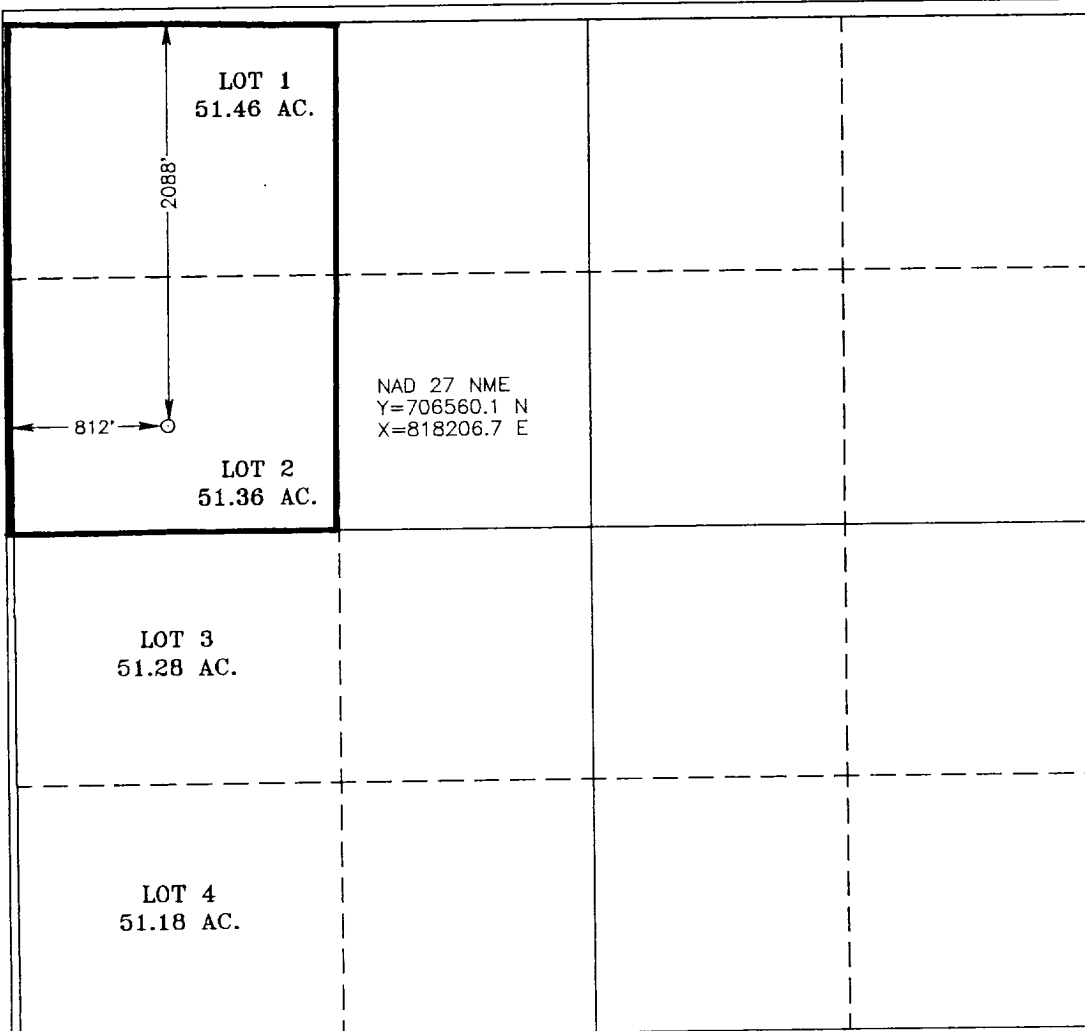
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	7	16 S	37 E		2088	NORTH	812	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 80	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



OPERATOR CERTIFICATION

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

*Barbara J. Bale*  
Signature

Barbara J. Bale  
Printed Name

Regulatory Analyst  
Title

07/17/98  
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.

JULY 8, 1998

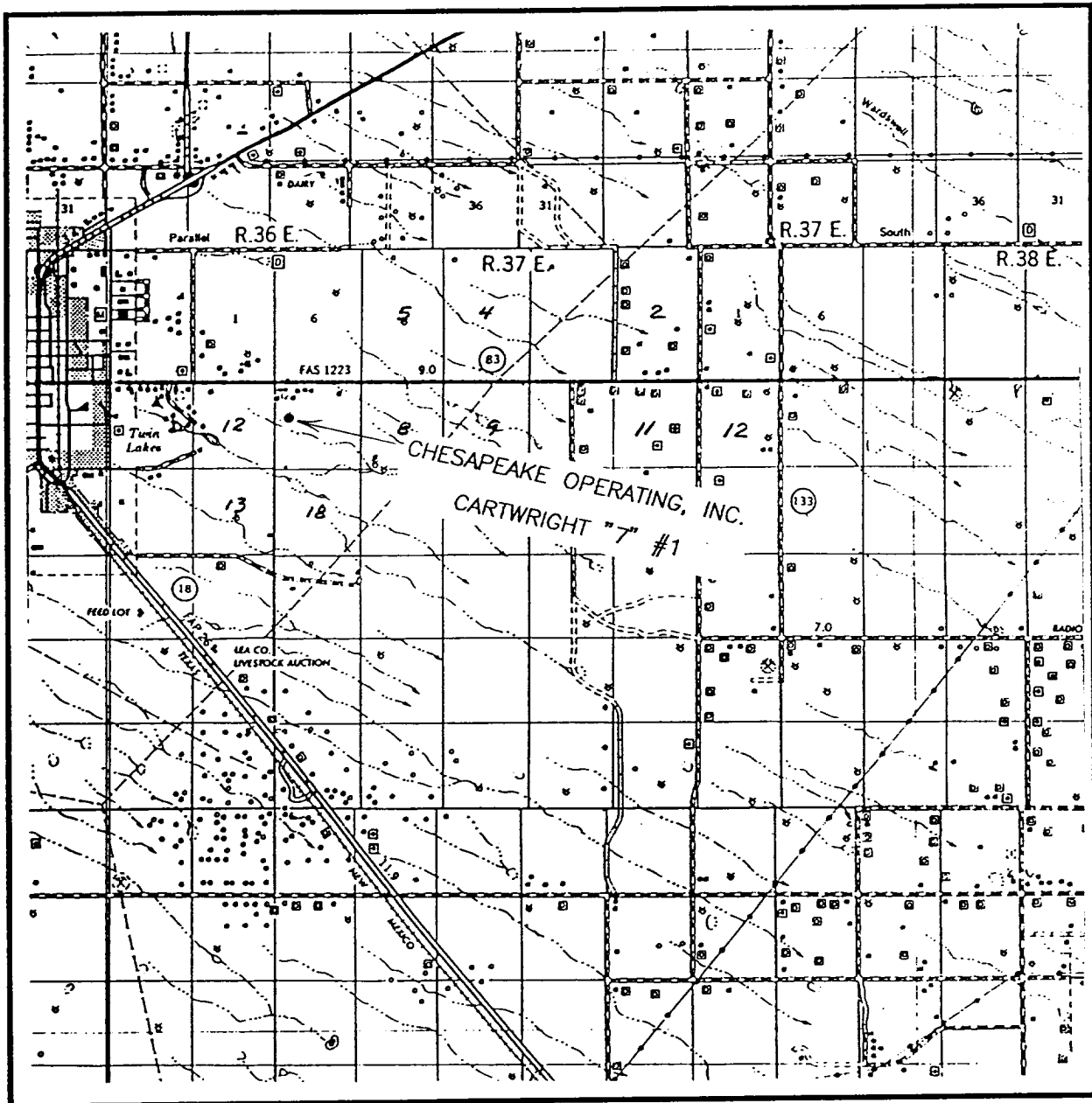
Date Surveyed CDG

Signature & Seal of  
Professional Surveyor

*Ronald E. Eidsen*  
W.O. Num. 98-110924

Certificate No. RONALD E. EIDSON, 3239  
GARY E. EIDSON, 12841  
McDONALD, 12185

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 7 TWP. 16-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2088' FNL & 812' FWL

ELEVATION 3852'

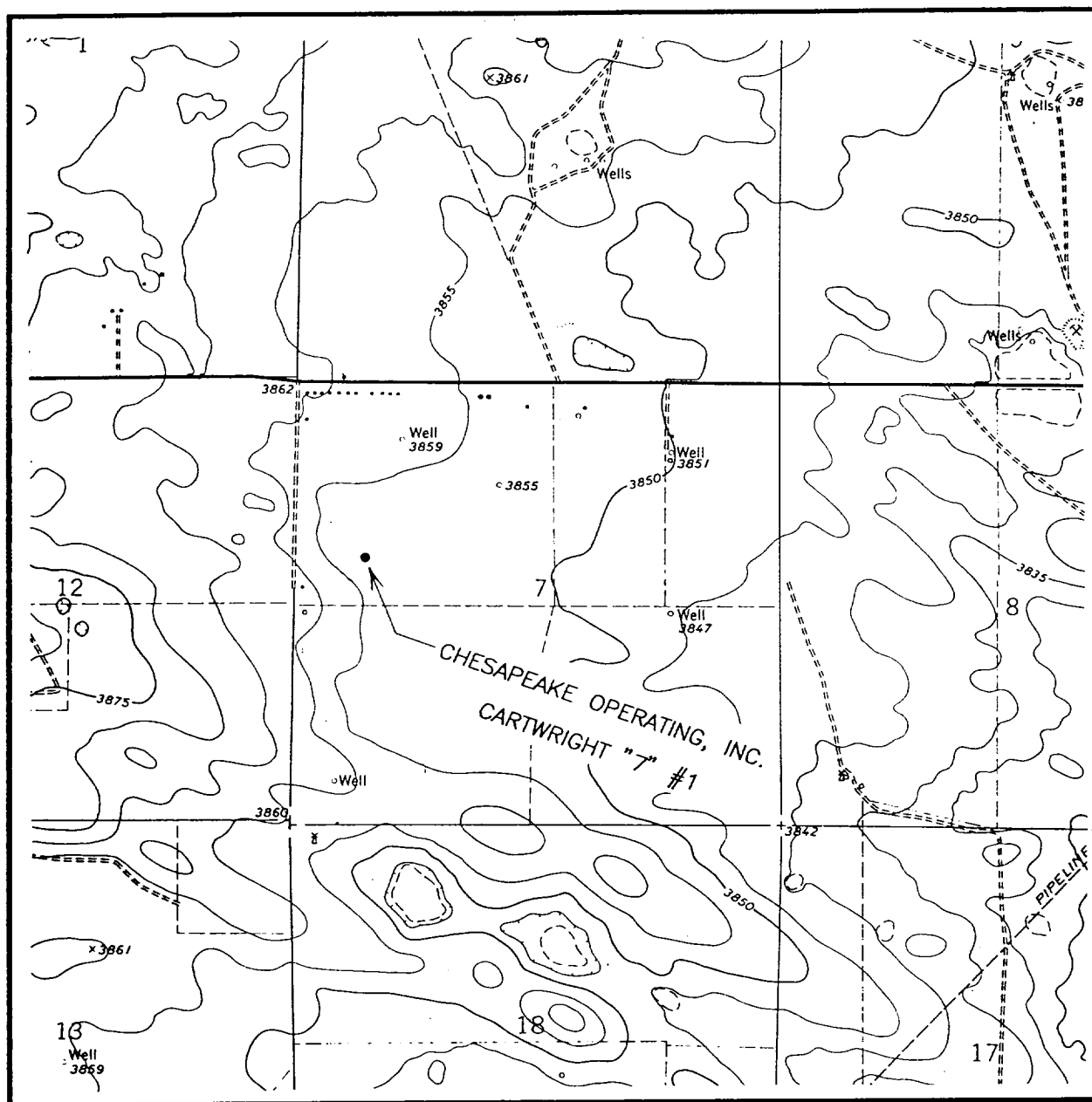
OPERATOR CHESAPEAKE OPERATING, INC.

LEASE CARTWRIGHT "7" #1

**JOHN WEST ENGINEERING**  
**HOBBS, NEW MEXICO**

**(505) 393-3117**

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 5'

SEC. 7 TWP. 16-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2088' FNL & 812' FWL

ELEVATION 3852'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE CARTWRIGHT "7" #1

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON, N.M.

**JOHN WEST ENGINEERING  
HOBBS, NEW MEXICO**

**(505) 393-3117**