

District I
625 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

*To L.T. 3/1/02 - She will
have atty. handle*

☐ 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		1 OGRID Number 147179
Property Code 24402		2 API Number 30-025-35005
Property Name Boyce 15		3 Well No. 2

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	15	16S	35E		664	North	499	East	Lea

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

Proposed Pool 1

Townsend Permo Upper Penn

Proposed Pool 2

11 Work Type Code A	12 Well Type Code O	13 Cable/Rotary already drilled	14 Lease Type Code P	15 Ground Level Elevation GR: 3987'
16 Multiple N	17 Proposed Depth 11,510'	18 Formation Cisco	19 Contractor Patterson	20 Spud Date 06/18/00

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#	475'	495	Surf
12-1/4"	9-5/8"	40#	4225'	1640	Surf
7-7/8"	5-1/2"	17#	11,510'	1100	± 3700'

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 plans to recompleate to Cisco, set CIBP to isolate Strawn, perforate Cisco and put well on pump.

Permit Expires 1 Year From Approval
Date Unless Casing Otherwise

Adding

23 I hereby certify that the information given above is true and complete to the

best of my knowledge and belief.

Signature:

Andrew McCalmont

Printed name: Andrew McCalmont

Title: Asset Manager

Date:

03/01/02

Phone:

(405) 848-8000

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY

PAUL F. KAUTZ

Title:

PETROLEUM ENGINEER

Approval Date:

Expiration Date:

Condition: MAY 17 2002

Attached ☐

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

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

DISTRICT III
1900 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

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35005	Pool Code 59847	Pool Name Townsend Permo Upper Penn
Property Code 24402	Property Name BOYCE 15	Well Number 2
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3987

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	15	16 S	35 E		664	NORTH	499	EAST	LEA

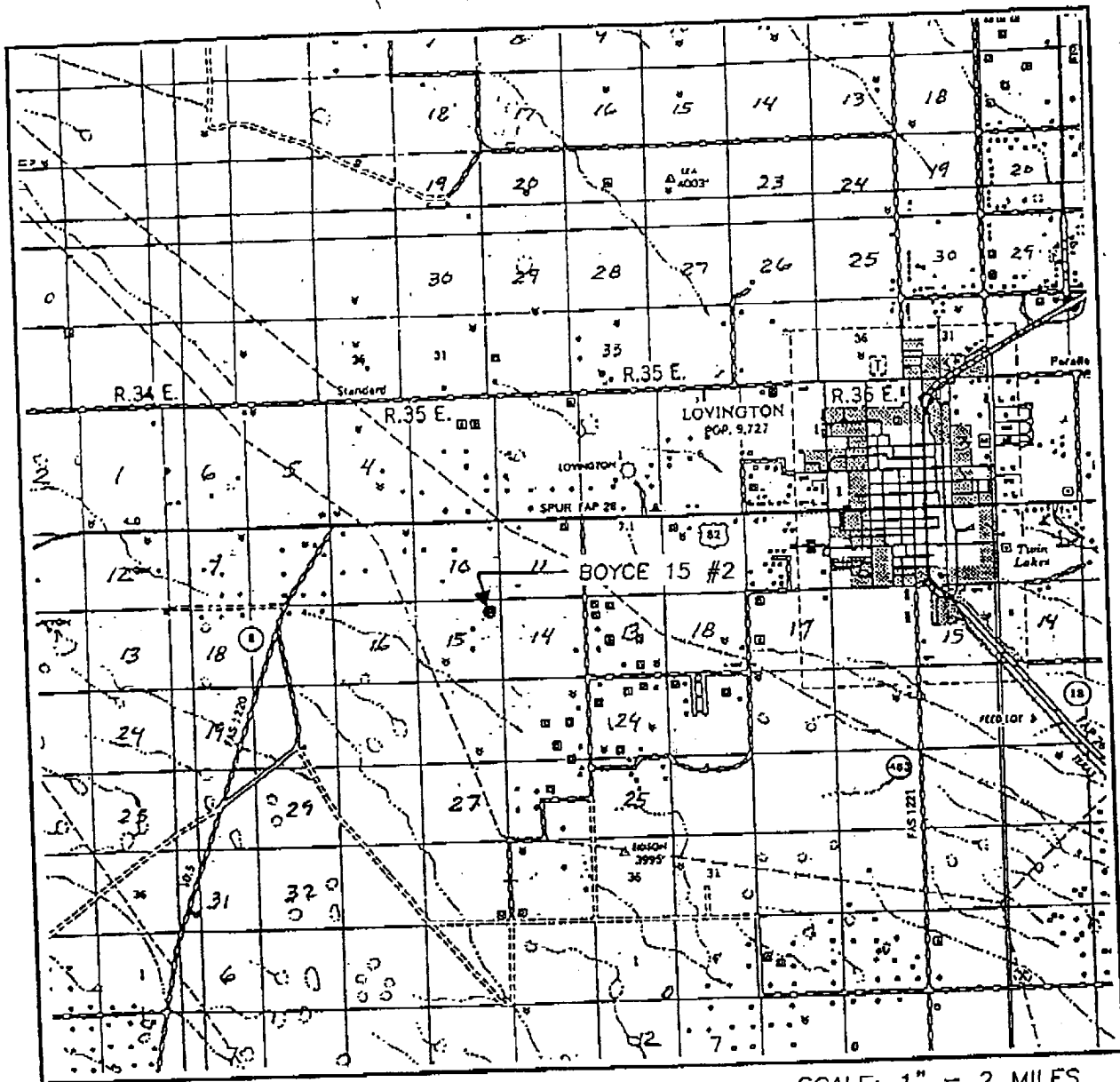
Bottom Hole Location If Different From Surface

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

NM SPC NME NAD 27 Y-702255 X-774732	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Barbara J. Bale</i> Signature Barbara J. Bale Printed Name Regulatory Analyst Title 03/01/02 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. APRIL 3, 2000 Date Surveyed Signature & Seal of Professional Surveyor RONALD J. EDSON 4/11/2000 12641 12185

VICINITY MAP

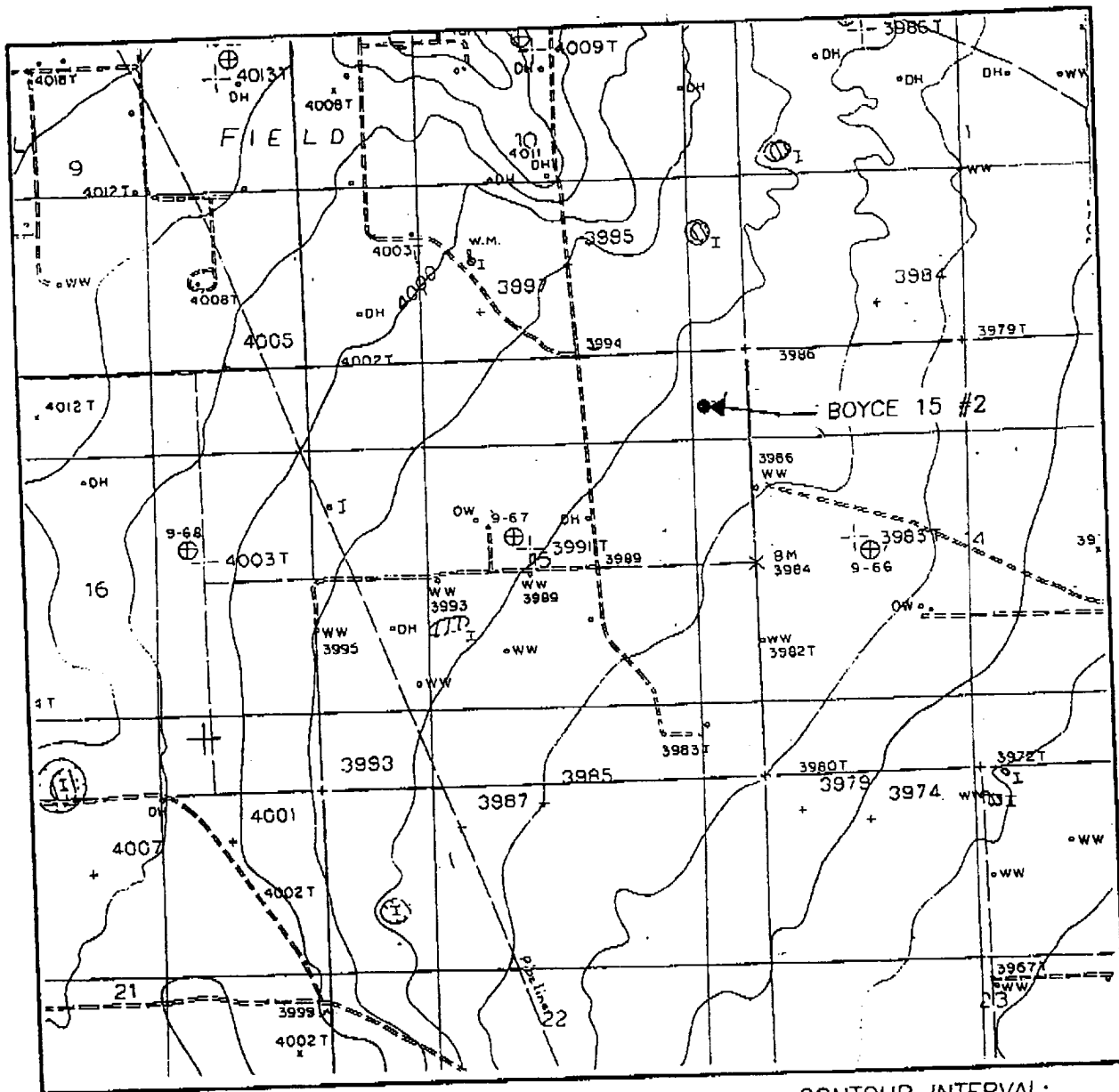


SCALE: 1" = 2 MILES

SEC. 15 TWP. 16-S RGE. 35-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 664' FNL & 499' FEL
 ELEVATION 3987
 OPERATOR CHESAPEAKE OPERATING, INC.
 LEASE BOYCE 15

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOVINGTON NW - 5'

SEC. 15 TWP. 16-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 664' FNL & 499' FEL

ELEVATION 3987

OPERATOR CHESAPEAKE
OPERATING, INC.

LEASE BOYCE 15

U.S.G.S. TOPOGRAPHIC MAP

LOVINGTON NW, N.M.

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

District I
1625 N. Francis Drive, Hobbs, NM 88240

District II
201 W. Grand Avenue, Amarillo, NM 8910

District III
1600 Rio Grande Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

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

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Chesapeake Operating, Inc. P. O. Box 18496 Oklahoma City, OK 73154-0496
Operator Address
Boyce 15 2 A Sec 15-16S-35E Lea
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 147179 Property Code 24402 API No. 30-025-35005 Lease Type: ☐ Federal ☐ State ☒ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Townsend Permo Upper Penn		NW Shoebar Strawn
Pool Code	59847		
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	Cisco 10820-26' New 10843-58'		Strawn 11248-53' Existing 11264-92'
Method of Production (Flowing or Artificial Lift)	Artificial Lift		Artificial Lift
Bottomhole Pressure (Note: Pressure data will not be required if the bottomhole perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	NA		NA
Oil Gravity or Gas BTU (Degree API or Gas BTU)	40°		42°
Producing, Shut-In or New Zone	New		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 10/23/01 Rates: 0 Oil, 4 Wtr 2 MCFPD	Date: Rates:	Date: 12/22/01 Rates: 17 oil, 32 Wtr, 83 MCFPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐
Yes ☐ No ☒

Will commingling decrease the value of production?

Yes ☐ No ☐

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Andrew M. Calmont TITLE Asset Manager DATE 03/01/02
TYPE OR PRINT NAME Andrew McCalmont TELEPHONE NO. (405) 848-8000

