

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 June 10, 2003

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 Code 33553		<sup>4</sup> API Number 30 - 025-36629
<sup>5</sup> Property Name Roueché 5		<sup>6</sup> Well No. 001

**<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
P	5	17S	37E		600	South	1120	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 Shipp Strawn (Code: 55695)	<sup>10</sup> Proposed Pool 2
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 3790'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 11,050'	<sup>18</sup> Formation Strawn	<sup>19</sup> Contractor Patterson #504	<sup>20</sup> Spud Date 03/09/04

**<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#	0-400'	± 450	Surface
11"	8-5/8	32#	0-4,600'	± 1300	Surface
7-7/8	5-1/2	17#	0-11,050'	± 1100	4600'

<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 11,050' in the Strawn formation w/Patterson #504 as the drilling contractor.

BOP consists of 11" 5M# blind & pipe rams & 11" 5M# Annular (See Schematics)

<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@chkenegy.com

Date: 02/23/04  
Phone: (405) 848-8000

**OIL CONSERVATION DIVISION**

Approved by:

Title:

*Paul J. Smith*  
**PETROLEUM ENGINEER**

Approval Date: MAR 11 2004

Expiration Date:

Conditions of Approval:

Attached ☐

**Permit Expires 1 Year From Approval  
Date Unless Drilling Underway**

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>30-025-3662R</b>	Pool Code 55695	Pool Name Shipp Strawn
Property Code <b>33555</b>	Property Name ROUECHE 5	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3790'

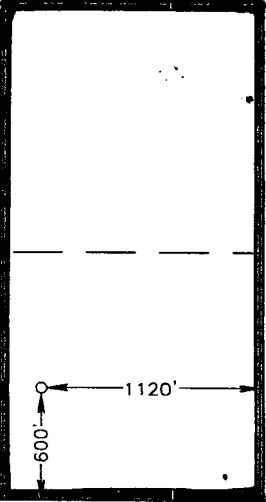
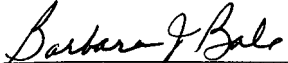
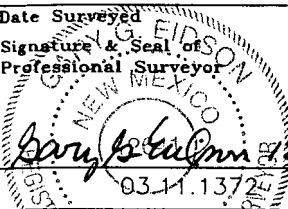
Surface Location

UL or lot No. P	Section 5	Township 17-S	Range 37-E	Lot Idn	Feet from the 600	North/South line SOUTH	Feet from the 1120	East/West line EAST	County LEA
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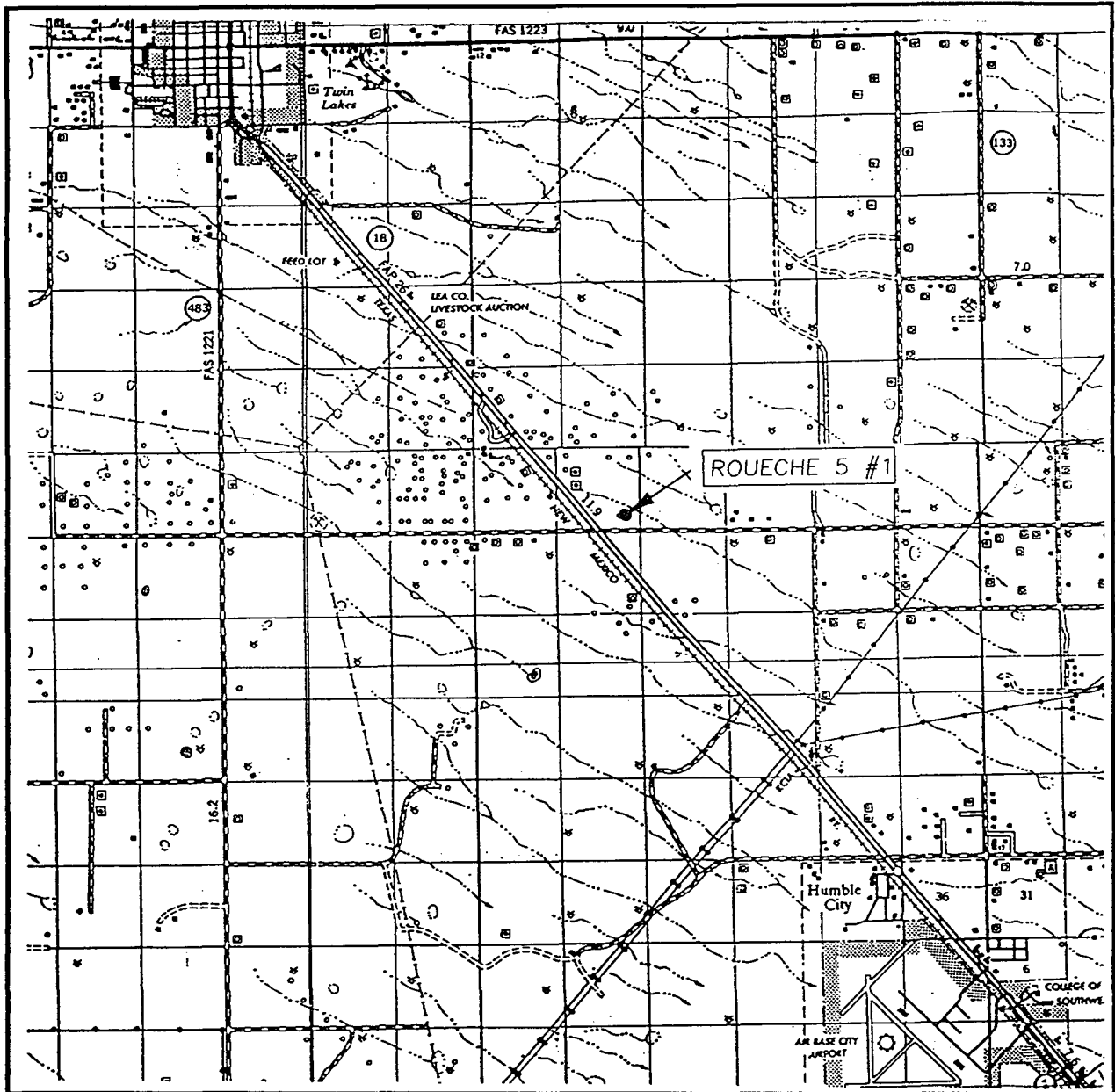
Bottom Hole Location If Different From Surface

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 E/2 SE	Joint or Infill	Consolidation Code	Order No. <b>NSL-5012</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 4 40.35 AC.	LOT 3 40.43 AC.	LOT 2 40.49 AC.	LOT 1 40.57 AC.
GEODETC COORDINATES NAD 27 NME Y = 677587.2 N X = 827043.5 E LAT. 32.858237° N LONG. 103.268322° W			
			
<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 02/23/04 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.  DECEMBER 16, 2003 Date Surveyed Signature & Seal of Professional Surveyor  Certificate No. GARY EIDSON 12641			

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 5 TWP. 17-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 600' FSL & 1120' FEL

ELEVATION 3790'

OPERATOR CHESAPEAKE OPERATING, INC.

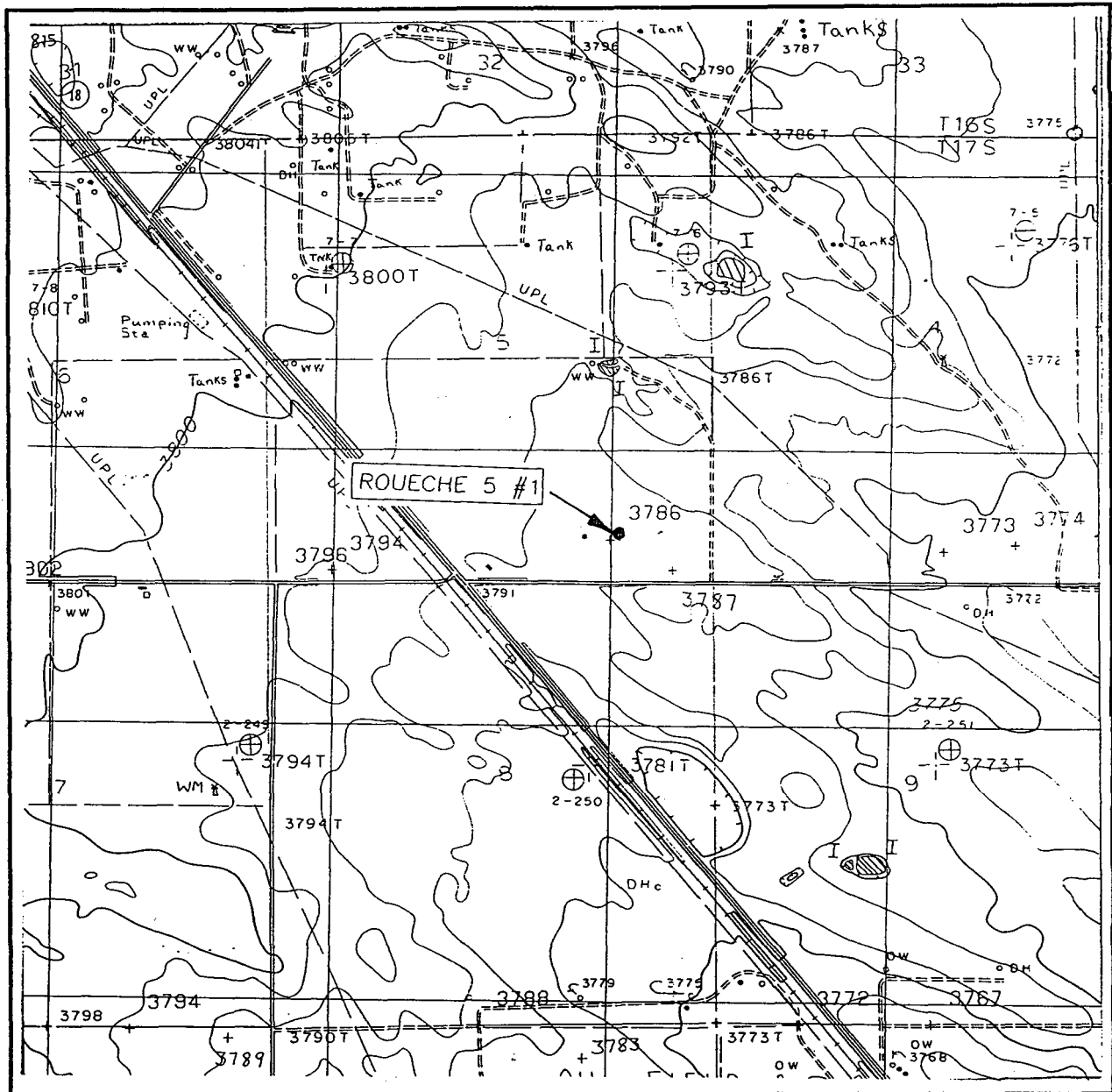
LEASE ROUECHE 5

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

## DRIVING DIRECTIONS

FROM THE INTERSECTION OF ST. HWY 18 AND  
 STILES RD. GO EAST ON STILES RD. 1600'. THIS  
 LOCATION IS APPROX. 600' NORTH OF THIS POINT.

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'  
LOVINGTON SE, N.M.

SEC. 5 TWP. 17-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 600' FSL & 1120' FEL

ELEVATION 3790'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE ROUECHE 5

U.S.G.S. TOPOGRAPHIC MAP  
LOVINGTON SE, N.M.

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

# BLOWOUT PREVENTOR SCHEMATIC

## CHESAPEAKE OPERATING INC

WELL : Roueche 1-5

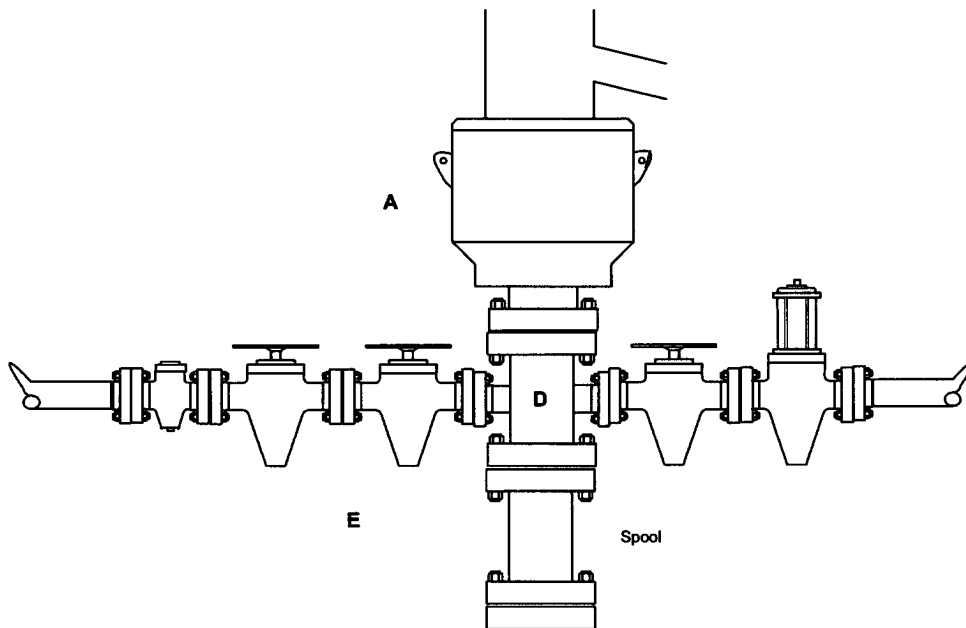
RIG : Patterson 504

COUNTY : Lea

STATE: New Mexico

OPERATION Drill out below 13-5/8" Casing

	SIZE	PRESSURE	DESCRIPTION
A	13-5/8"	5,000#	Annular
D	13-5/8"	5,000#	Mud Cross
Spool		13-5/8" 3M x 13-5/8" 5M	
A-Sec		13-5/8" SOW x 13-5/8" 3M	



# BLOWOUT PREVENTOR SCHEMATIC

## CHESAPEAKE OPERATING INC

**WELL** : Roueche 1-5

**RIG** : Patterson 504

**COUNTY** : Lea

**STATE:** New Mexico

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

	SIZE	PRESSURE	DESCRIPTION
<b>A</b>	13-5/8"	500#	Rot Head
<b>B</b>	13-5/8"	5,000#	Annular
<b>C</b>	13-5/8"	5,000#	Pipe Rams
<b>D</b>	13-5/8"	5,000#	Blind Rams
<b>E</b>	13-5/8"	5,000#	Mud Cross
DSA	11" 5M x 13-5/8" 5M		
B-sec	13-5/8" 3M x 11" 5M		
A-Sec	13-5/8" SOW x 13-5/8" 3M		

