

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

Oil 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

¹ Operator Name and Address Chesapeake Operating, Inc. P. O. Box 18496 Oklahoma City, OK 73154-0496		² OGRID Number 147179
³ Property Code	⁴ Property Name Spruce State 10	⁵ API Number 30-015-33002
		⁶ Well No. 001

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	10	19S	23E		1310'	South	1980'	East	Eddy

⁸ 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

⁹ Proposed Pool 1

Hoag Tank Morrow

¹⁰ Proposed Pool 2

¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3922'
¹⁶ Multiple N	¹⁷ Proposed Depth 8400'	¹⁸ Formation Morrow	¹⁹ Contractor To Be Advised	²⁰ Spud Date 09/01/03

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#	0-400'	± 500	Surf
11"	8-5/8"	24#	0-1900'	± 500	Surf
7-7/8"	5-1/2"	17#	0-8400'	± 1100	1900'
8 1/8" casing @ 1600' drill w/ oil or fresh water mud					

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 Operating, Inc. proposes to drill to a T.D. of 8400' to the Morrow w/ proposed spud date of 09/01/03. The drilling contractor to be advised.

BOP consists of 13-5/8" 5M# blind & pipe rams & 13-5/8" 5M# Annular
(See Schematic)

We do not expect to encounter H₂S at excessive levels.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Lynda J. Townsend

Printed name: Lynda Townsend

Title: Landman

E-mail Address:

Date: 09/10/03

Phone: (405) 848-8000

Conditions of Approval:

Attached ☐

OIL CONSERVATION DIVISION

Approved by:

Jim W. Gunn

Title:

District Supervisor

Approval Date:

SEP 17 2003

Expiration Date:

SEP 17 2004

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

NOTIFY OCD SPUD & TIME
TO WITNESS 8 5/8" CASING

DISTRICT I

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

DISTRICT II

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

DISTRICT III

1000 Elia Brazos Rd., Artec, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

✓ AMENDED REPORT

API Number	Pool Code	Pool Name Hoag Tank Morrow
Property Code	Property Name SPRUCE STATE 10	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 3935'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	10	19-S	23-E		1310'	SOUTH	1980'	EAST	EDDY

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 320	Joint or Infill	Consolidation Code	Order No.						

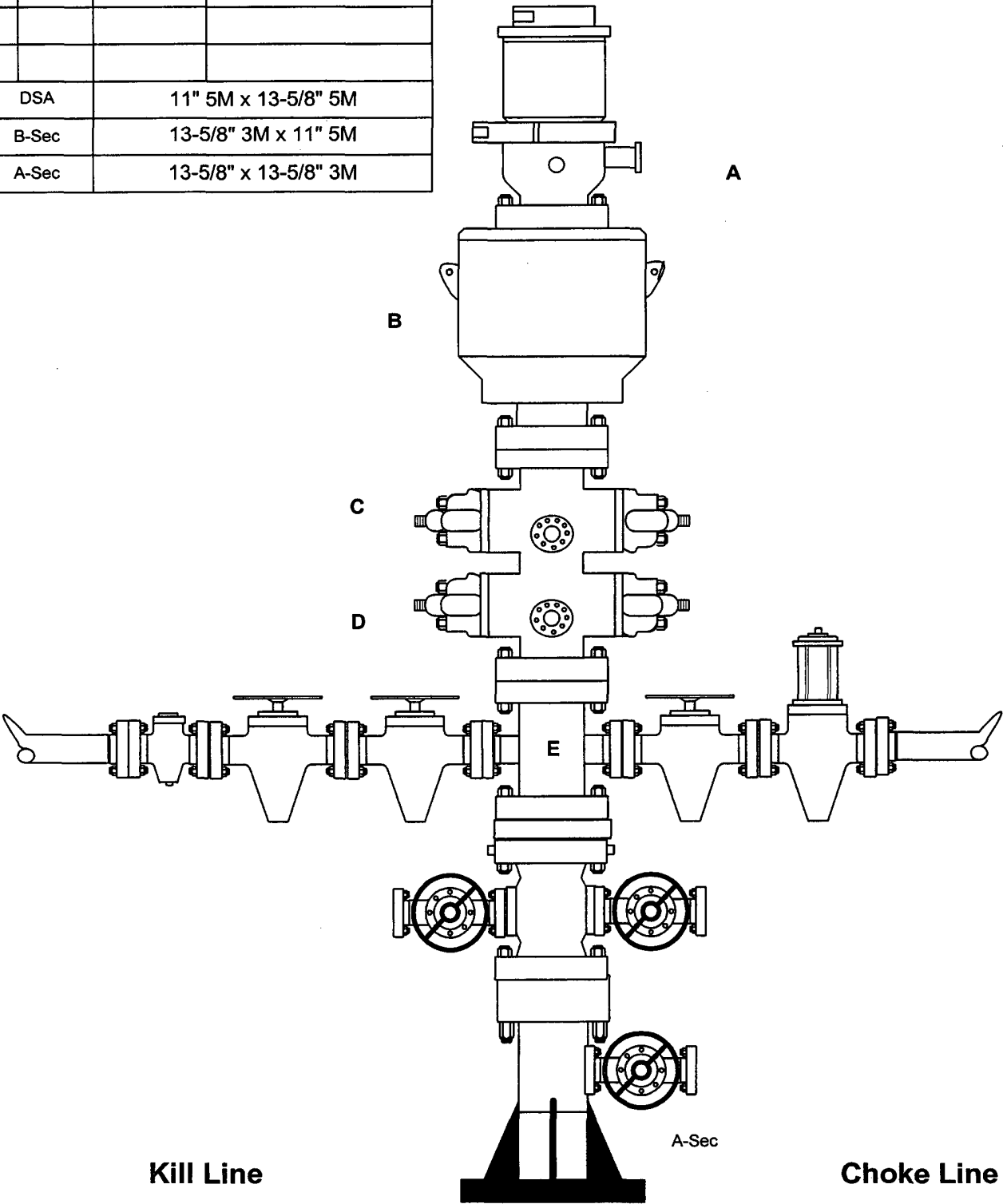
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p><u>GEODETTIC COORDINATE</u></p> <p>NAD 27 NME</p> <p>Y = 608231.7 N</p> <p>X = 435514.9 E</p> <p>LAT. = 32°40'17.38"N</p> <p>LONG. = 104°40'36.18"W</p>			<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Barbara J. Bale</i></p> <p>Signature</p> <p>Barbara J. Bale</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>09/10/03</p> <p>Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>September 09, 2003</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gary E. Edson</i></p> <p>03110987</p> <p>Certification No. GARY E. EDSON 12641</p>		<p>AWB</p>

BLOWOUT PREVENTOR SCHEMATIC
CHESAPEAKE OPERATING INC

WELL : Spruce State 10-1
FIELD : Permian
RIG : Unknown
COUNTY : Eddy STATE: New Mexico
OPERATION: Drill out below 8-5/8" Casing

	SIZE	PRESSURE	DESCRIPTION
A	13-5/8"	500#	Rot Head
B	13-5/8"	5,000#	Annular
C	13-5/8"	5,000#	Pipe Rams
D	13-5/8"	5,000#	Blind Rams
E	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" x 13-5/8" 3M		



SIZE	PRESSURE	DESCRIPTION
2"	5,000#	Check Valve
2"	5,000#	Gate Valve
2"	5,000#	Gate Valve

SIZE	PRESSURE	DESCRIPTION
4"	5,000#	Gate Valve
4"	5,000#	HCR Valve