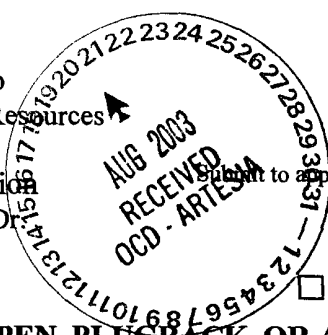


District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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	⁵ Property Name Brantley 7	³ API Number 30-015-32956
		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
A	7	23S	28E		800	N	900	E	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 North Loving-Atoka	¹⁰ Proposed Pool 2
--	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3036'
¹⁶ Multiple N	¹⁷ Proposed Depth 11,500'	¹⁸ Formation Atoka	¹⁹ Contractor To Advise	²⁰ Spud Date 09/15/03

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	Surface
12-1/4	9-5/8	36#	0-2460'	+1000	Surface
8-3/4	7"	29#	0-9500'	+ 500	Surface
6-1/8	4-1/2"	13.5#	9300'-11500'	± 400	9,300'

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 TD of 11,500' to the Atoka w/proposed spud date of 09/15/03. The Drilling Contractor to be advised.

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

Chesapeake does not expect to encounter H²S at excessive levels. (Rule 118)

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

Signature:

William F. Chatham

Printed name: William F. Chatham

Title: Landman

E-mail Address:

Date: 08/20/03

Phone: (405) 848-8000

OIL CONSERVATION DIVISION

Approved by:

Jimmy W. Gurn
District Supervisor

Title:

Approval Date: AUG 22 2003

Expiration Date: AUG 22 2004

Conditions of Approval: Surface casing to be set above Salado formation.

Attached ☐

DISTRICT I
P.O. Box 1990, Hobbs, NM 88241-1990

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

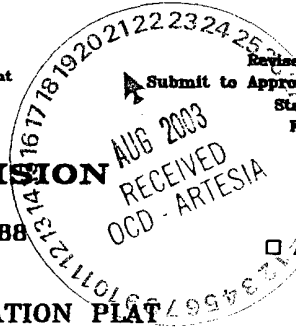
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. Box 2088, Santa Fe, N.M. 87504-2088

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088



☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		North Loving Atoka
Property Code	Property Name	Well Number
	BRANTLEY 7	1
OGRID No.	Operator Name	Elevation
147179	CHESAPEAKE OPERATING, INC.	3036'

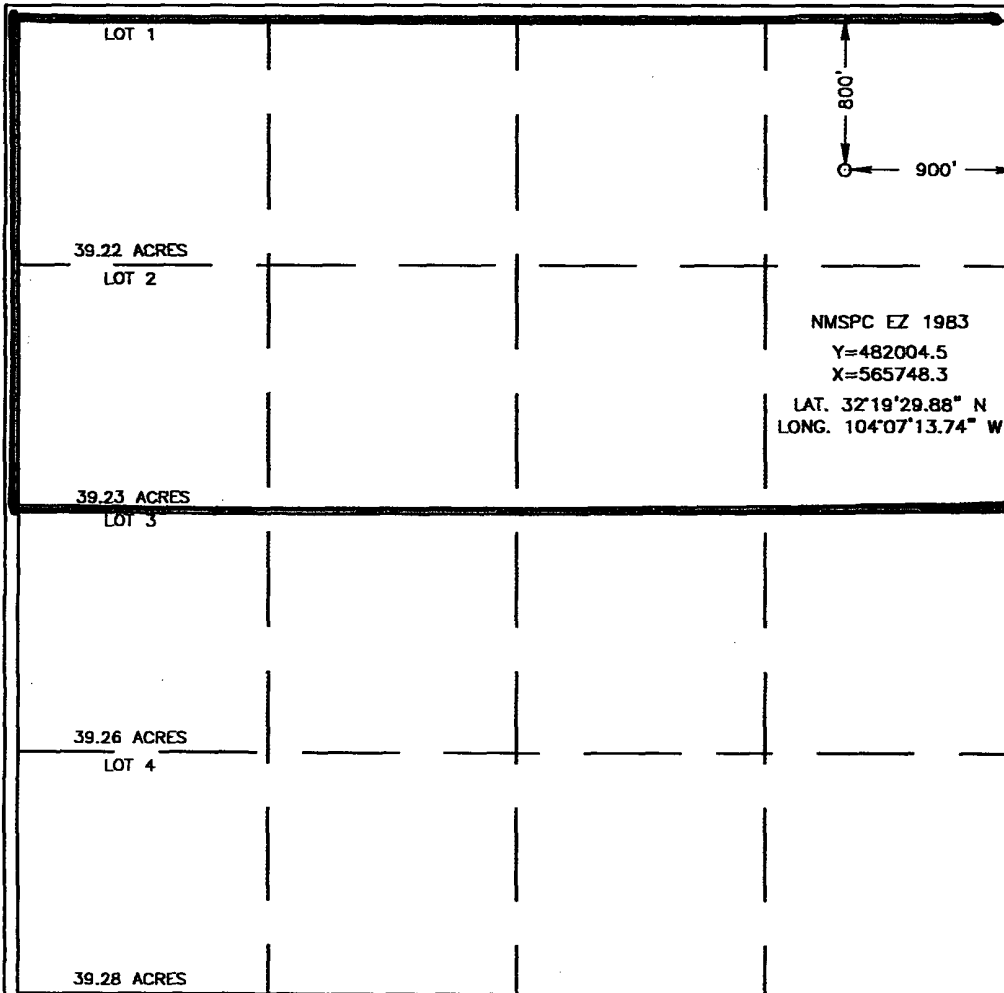
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	7	23 S	28 E		800	NORTH	900	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	Joint or Infill	Consolidation Code	Order No.						
320									

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

08/20/03

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.

AUGUST 15, 2003

Date Surveyed

LMP

Signature & Seal of Professional Surveyor

Ronald J. Eidson

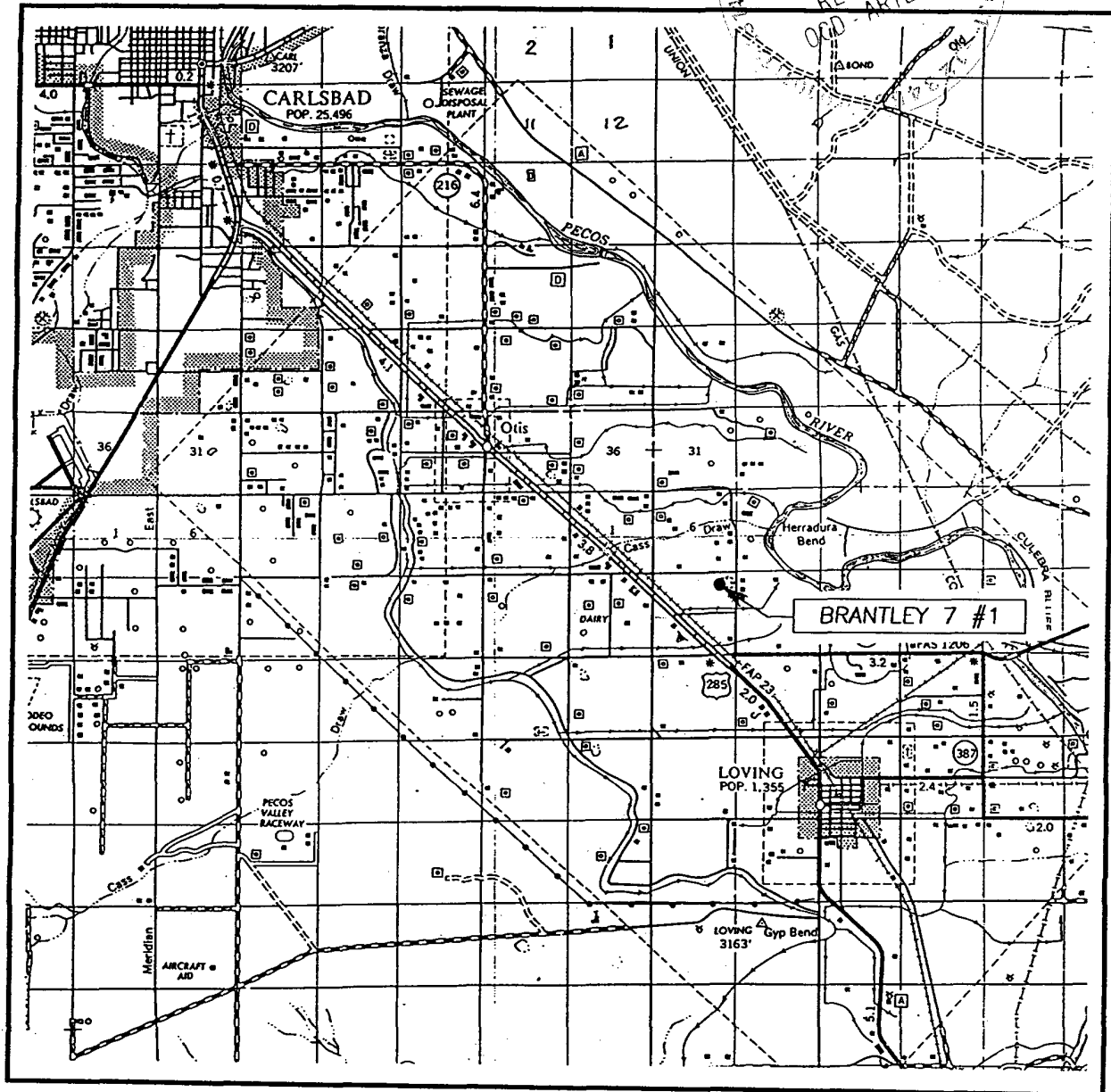
03.11.0839

Certificate No. RONALD J. EIDSON

3239 12841

VICINITY MAP

1920 21 22 23 24 25 26 27 28 29 30
AUG 2003
RECEIVED
OCD - ARTESIA



SCALE: 1" = 2 MILES

SEC. 7 TWP. 23-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 800' FNL & 900' FEL

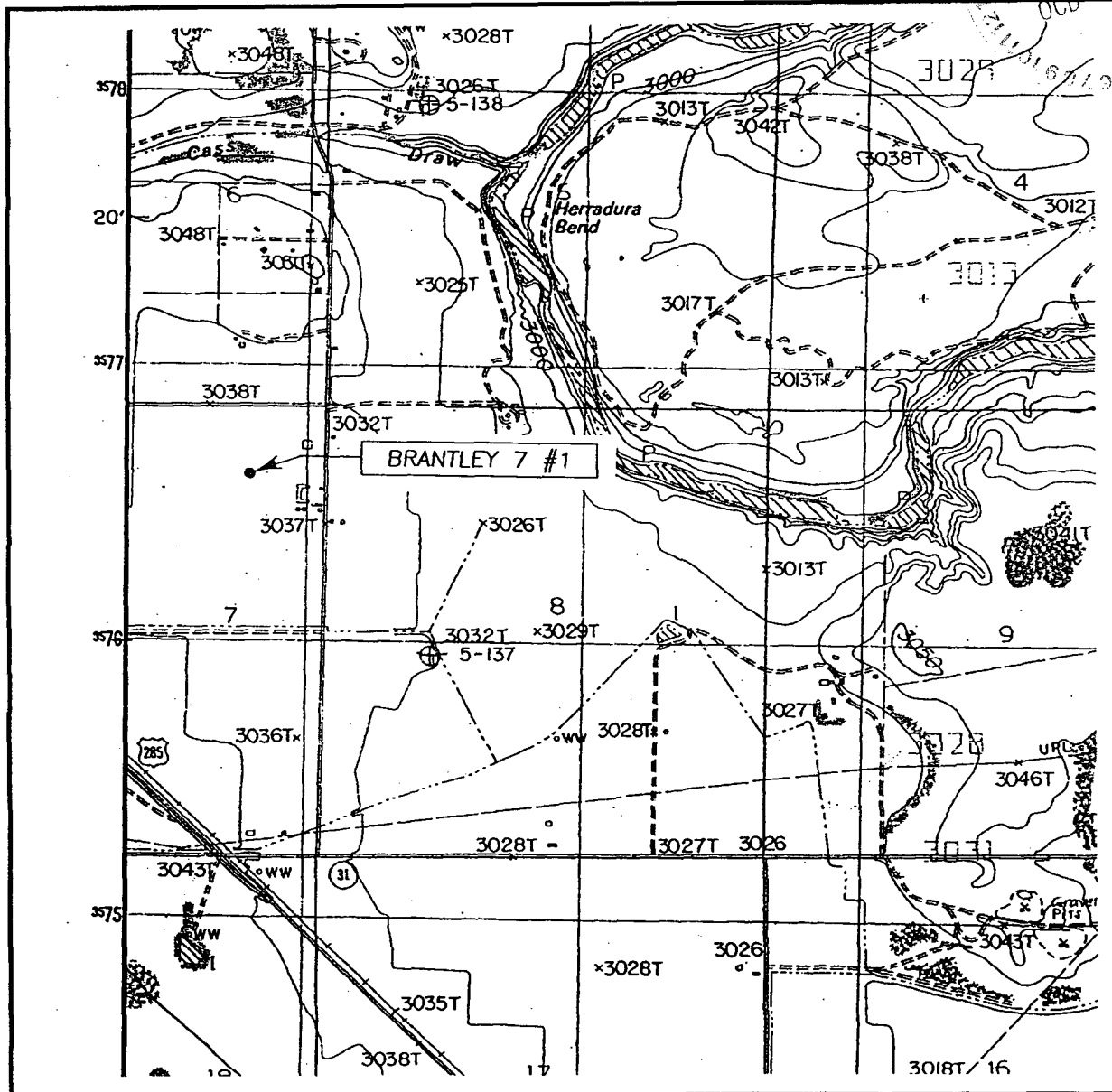
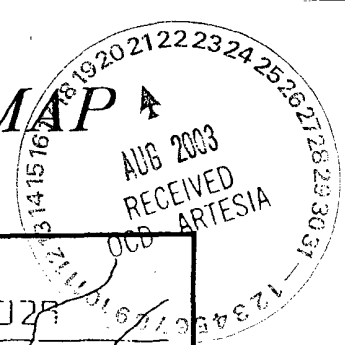
ELEVATION 3036'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE BRANTLEY 7

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOVING, N.M. - 10'

SEC. 7 TWP. 23-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 800' FNL & 900' FEL

ELEVATION 3036'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE BRANTLEY 7

U.S.G.S. TOPOGRAPHIC MAP
LOVING, N.M.

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



August 20, 2003

Mr. Bryan Arrant, Petr. Engineer
Oil Conservation Division
811 S. First St., Drawer DD
Artesia, NM 88210

RE: Brantley 7 #001
Sec 7-23S-28E
Eddy Co., NM

Dear Mr. Arrant:


Enclosed for your approval is the following for filing for permit to drill on the above named well.

Per Rule 118, Chesapeake does not expect to encounter H₂S at any excessive levels.

C-101 Orig. & 6 copies
C-102 3 originals
Location Verification Map
Vicinity Map
BOP Schematics

If additional information is required, please call Bill Chatham or Barbara Bale at (405) 848-8000.

Sincerely,


Barbara J. Bale
Regulatory Analyst

Cc: File, Hobbs Field Ofc
CA, AMc, MB/DB, BC, KC, BJB

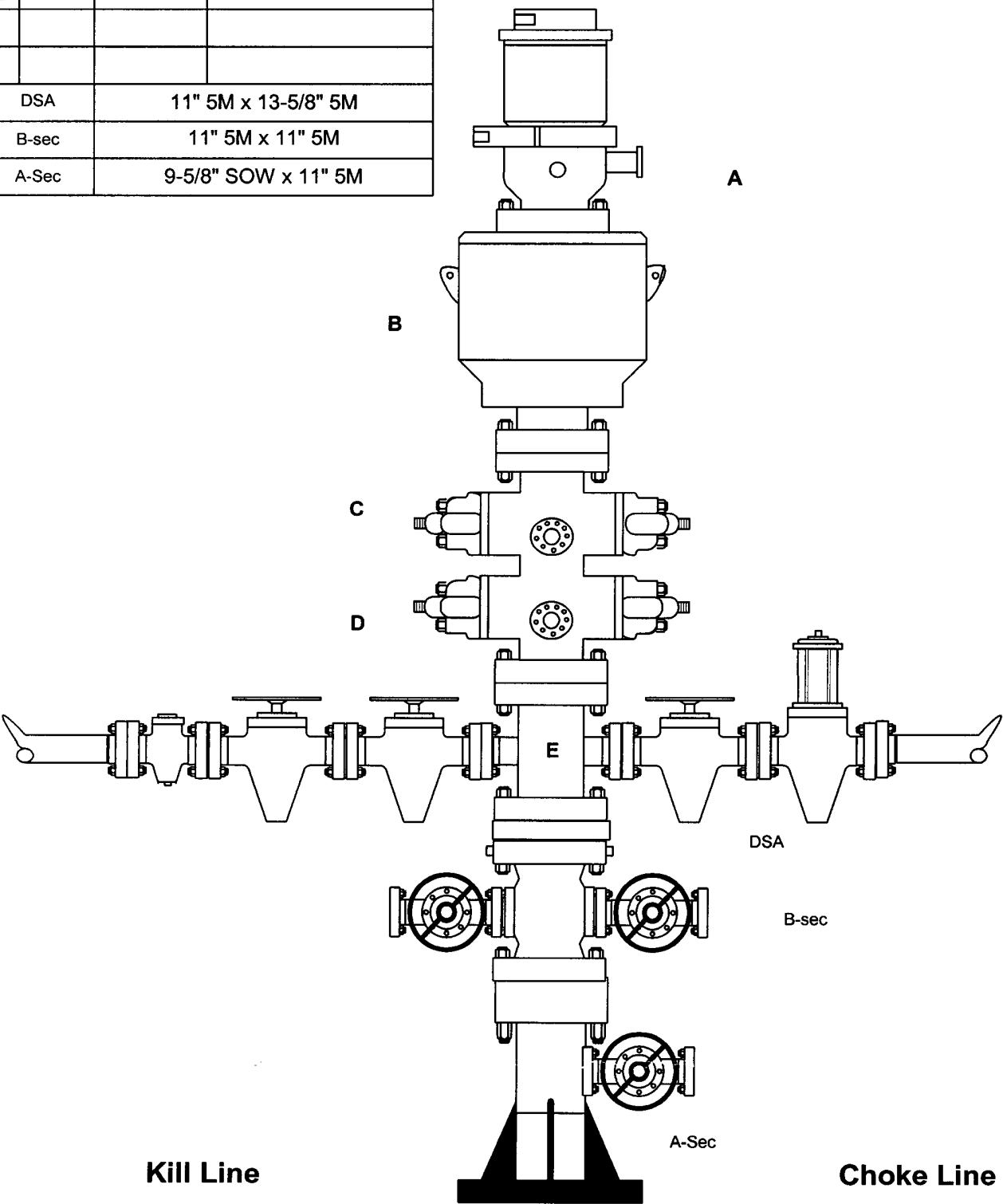
BLOWOUT PREVENTOR SCHEMATIC
CHESAPEAKE OPERATING INC

WELL : Brantley 1-7
FIELD : Permian
RIG : NA
COUNTY : Eddy
OPERATION: Drill out below 7" Casing

STATE: New Mexico



	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	11" 5M x 11" 5M	
	A-Sec	9-5/8" SOW x 11" 5M	



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