

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

¹ Operator Name and Address Chesapeake Operating, Inc. P. O. Box 18496, Oklahoma City, OK 73154-0496		² OGRID Number 147179
³ Property Code 32771	⁵ Property Name Wrangler 29	³ API Number 30 - 025-36392
		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
P	29	14S	35E		660	South	660	East	Lea

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 Morton Mississippian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code Gas	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 4030'
¹⁶ Multiple N	¹⁷ Proposed Depth 13,900'	¹⁸ Formation Morrow Miss	¹⁹ Contractor Will advise	²⁰ Spud Date 10/30/03 approx

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	40#	0-4400'	± 1400	Surface
8-3/4	5-1/2	17 & 20#	0-13,900'	± 1100	4400'

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 13,900' in the Morrow formation with an established New Mexico drilling contractor to be named.

BOP consists of 13-5/8" 10M# blind & pipe rams & 13-5/8" 5M# Annular (see schematic)

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

²³ 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:

Date:
09/03/03

Phone:
(405)848-8000

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

SEP 10 2003

Conditions of Approval:

Attached ☐

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

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

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36392	Pool Code 96593	Pool Name Morton Mississippian
Property Code 32771	Property Name WRANGLER "29"	Well Number 1
OGRID No. 147179	Operator Name CHESAPEAKE OPERATING, INC.	Elevation 4030'

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	29	14-S	35-E		660	SOUTH	660	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 320.00	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

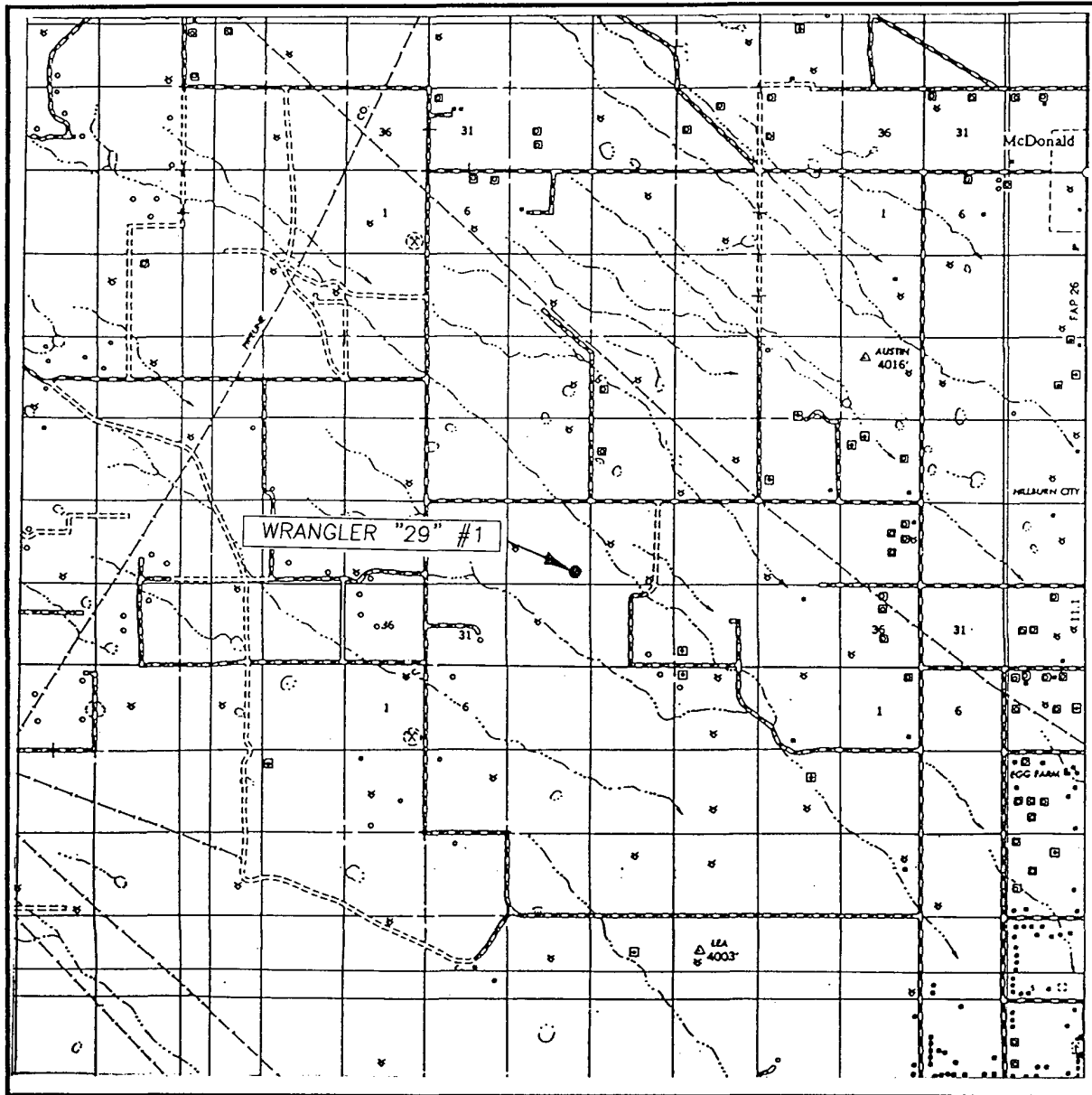
				OPERATOR CERTIFICATION	
				I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
				Signature <i>Barbara J. Bale</i>	
				Printed Name Barbara J. Bale	
				Title Regulatory Analyst	
				Date 07/27/03	
				Date	
				SURVEYOR CERTIFICATION	
				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.	
				JULY 11, 2003	
				Date Surveyed	
				Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i>	
				Professional Surveyor	
				Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641	

GEODETIC COORDINATES
NAD 27 NME
Y = 754205.0
X = 778947.2
LAT. 32°04'12.15"N
LONG. 103°25'21.97"W

660'

660'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 29 TWP. 14-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FSL & 660' FEL

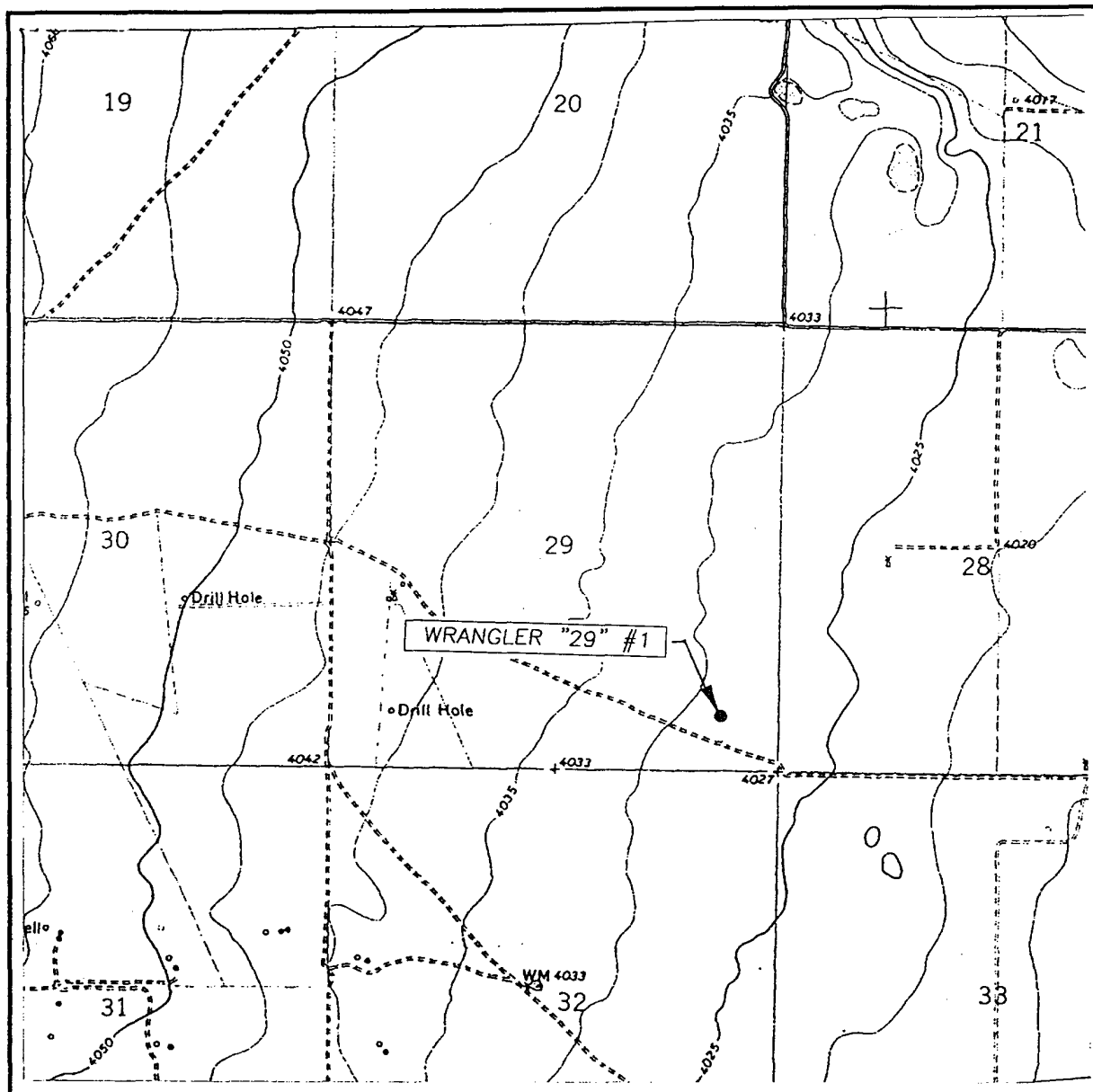
ELEVATION 4030'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE WRANGLER "29"

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
HILBURN CITY SW, N.M.

SEC. 29 TWP. 14-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 660' FSL & 660' FEL

ELEVATION 4030'

OPERATOR CHESAPEAKE OPERATING, INC.

LEASE WRANGLER "29"

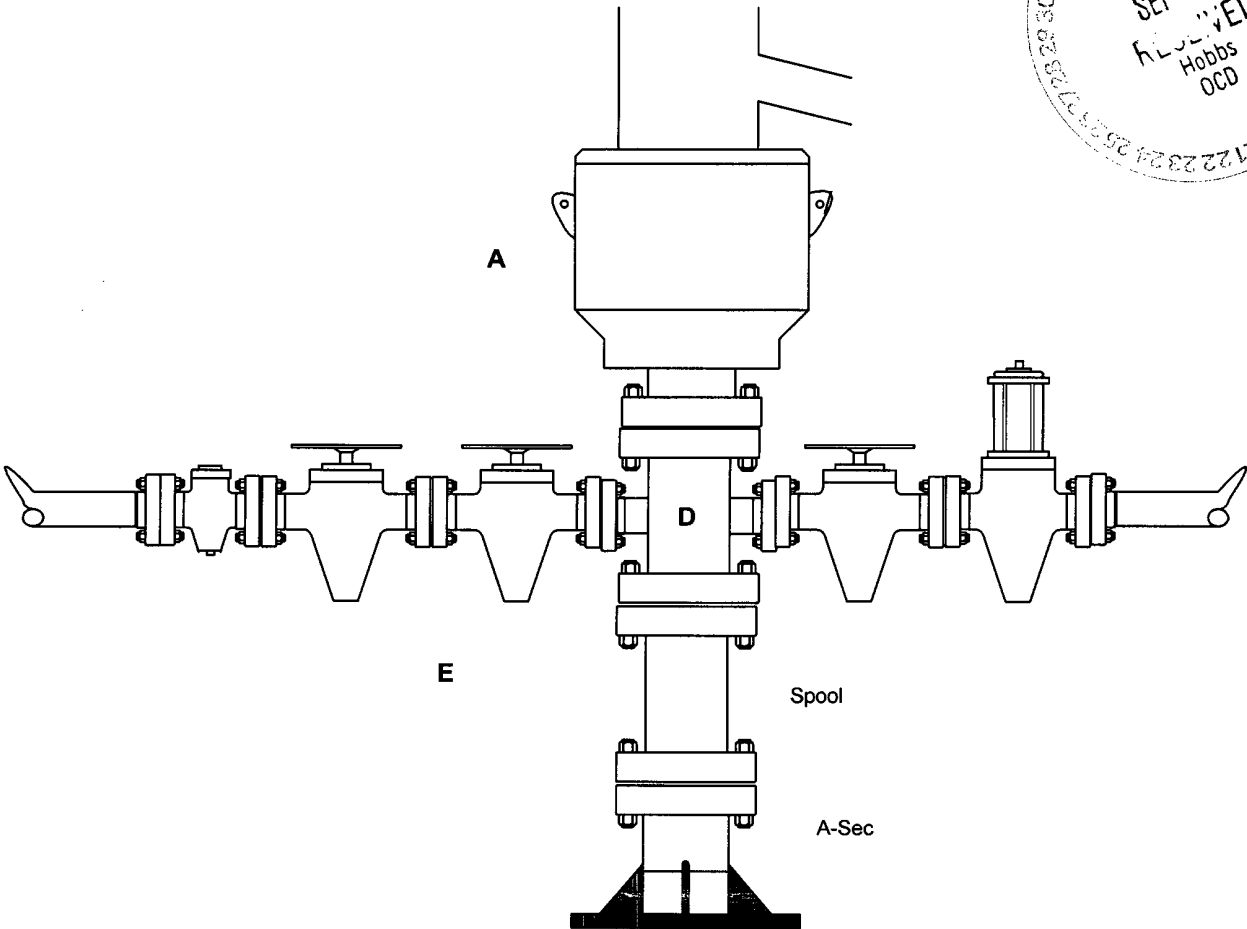
U.S.G.S. TOPOGRAPHIC MAP
HILBURN CITY SW, N.M.

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

BLOWOUT PREVENTOR SCHEMATIC
CHESAPEAKE OPERATING INC

WELL : Wrangler 29-1
FIELD :
RIG : NA
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"	10,000#	Mud Cross
Spool		13-5/8" 3M x 13-5/8" 10M	
A-Sec		13-5/8" SOW x 13-5/8" 3M	



Kill Line

SIZE	PRESSURE	DESCRIPTION
2"	10,000#	Check Valve
2"	10,000#	Gate Valve
2"	10,000#	Gate Valve

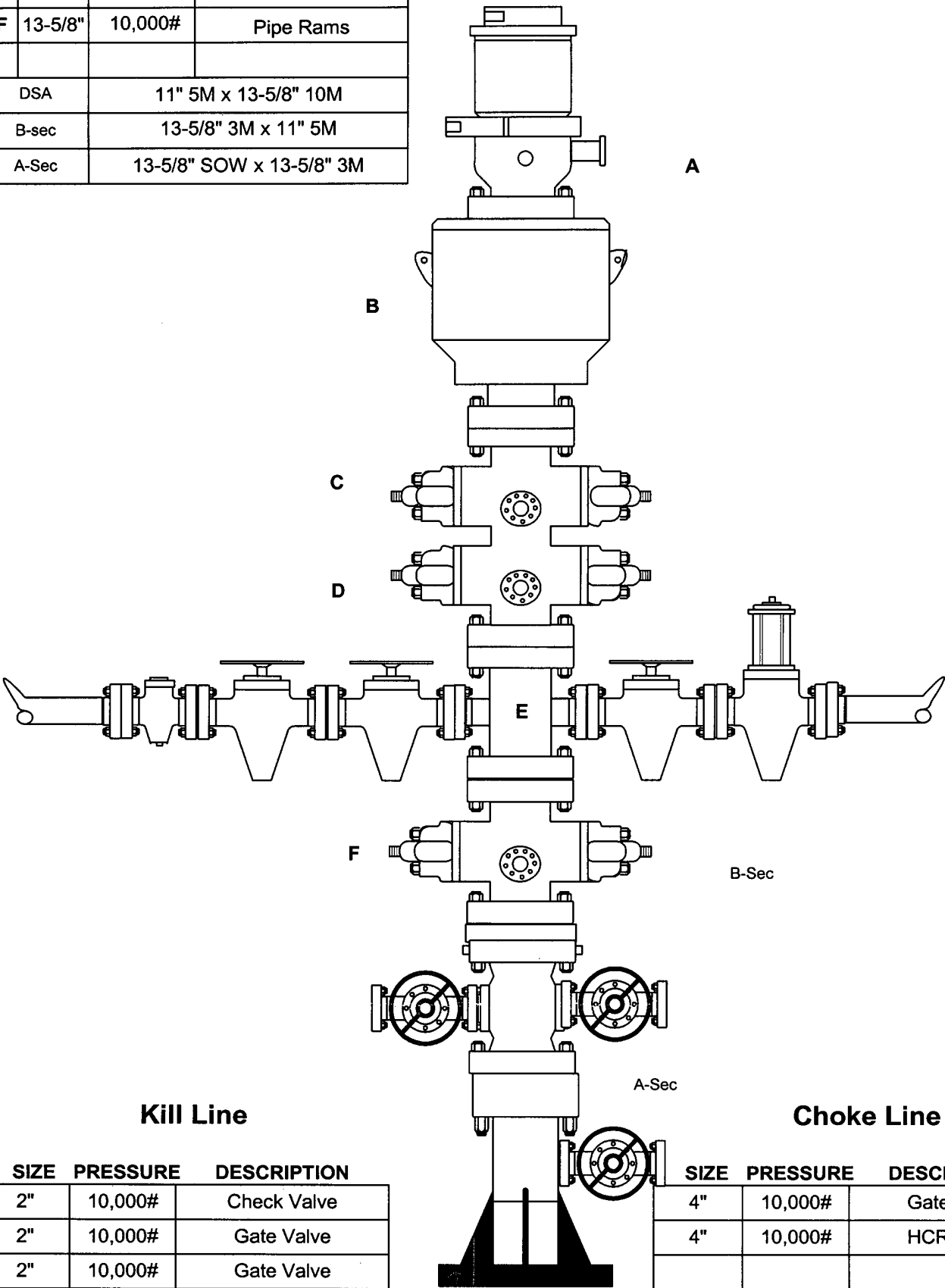
Choke Line

SIZE	PRESSURE	DESCRIPTION
4"	10,000#	Gate Valve
4"	10,000#	HCR Valve

BLOWOUT PREVENTOR SCHEMATIC
CHESAPEAKE OPERATING INC

WELL : Wrangler 29-1
FIELD :
RIG : NA
COUNTY : Lea STATE: New Mexico
OPERATION: Drill out below 9-5/8" Casing

	SIZE	PRESSURE	DESCRIPTION
A	13-5/8"	500#	Rot Head
B	13-5/8"	5,000#	Annular
C	13-5/8"	10,000#	Pipe Rams
D	13-5/8"	10,000#	Blind Rams
E	13-5/8"	10,000#	Mud Cross
F	13-5/8"	10,000#	Pipe Rams
DSA		11" 5M x 13-5/8" 10M	
B-sec		13-5/8" 3M x 11" 5M	
A-Sec		13-5/8" SOW x 13-5/8" 3M	



SIZE	PRESSURE	DESCRIPTION
2"	10,000#	Check Valve
2"	10,000#	Gate Valve
2"	10,000#	Gate Valve

SIZE	PRESSURE	DESCRIPTION
4"	10,000#	Gate Valve
4"	10,000#	HCR Valve