

NM OIL CONSERVATION
ARTESIA DISTRICT

OCT. 17 2017

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
511 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44489		² Pool Code 97869	³ Pool Name SWD; Devonian-Silurian
⁴ Property Code 319766	⁵ Property Name FREEDOM 36 STATE SWD		⁶ Well Number 1
⁷ GRID NO. 215099	⁸ Operator Name CIMAREX ENERGY COMPANY		⁹ Elevation 3387'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	36	24S	26E		1300	SOUTH	660	WEST	EDDY

¹¹ 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

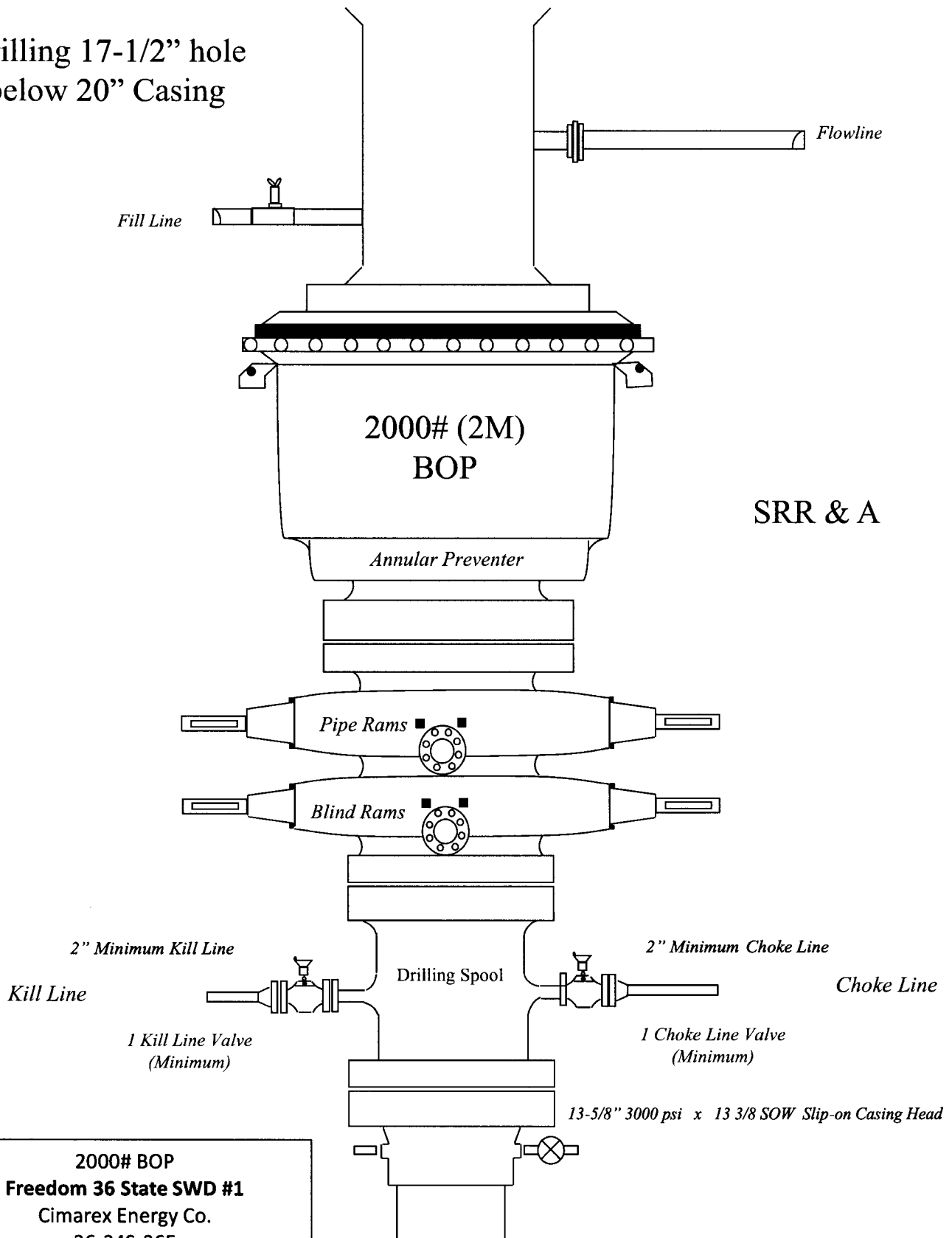
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Amithy Crawford</i> Date: 10/11/2017 Printed Name: Amithy Crawford E-mail Address: acrawford@cimarex.com
	¹⁸ 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. 10-04-2017 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number

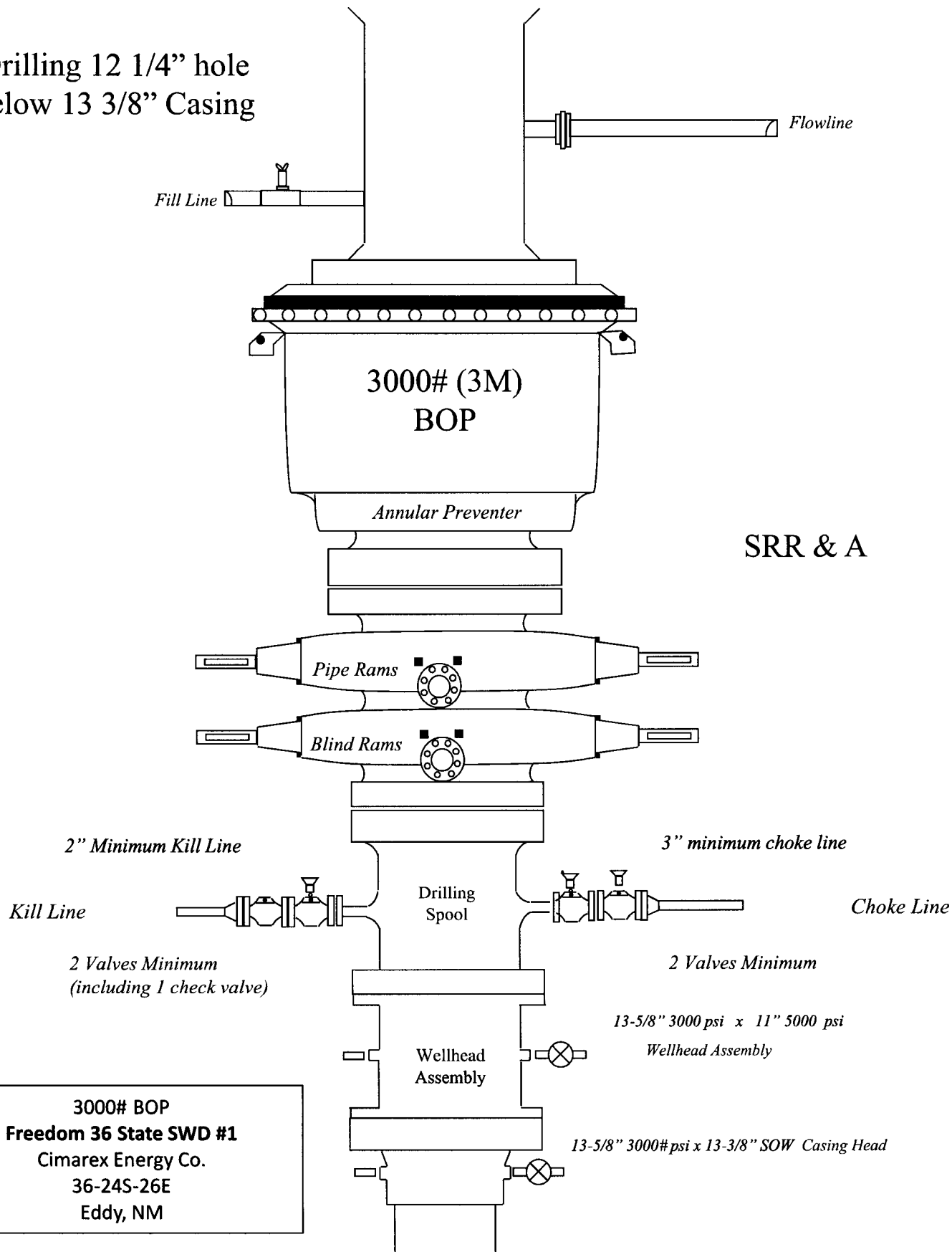
RRC - Job No.: LS1710663

Drilling 17-1/2" hole
below 20" Casing



2000# BOP
Freedom 36 State SWD #1
Cimarex Energy Co.
36-24S-26E
Eddy, NM

Drilling 12 1/4" hole
below 13 3/8" Casing



SRR & A

Drilling 8 3/4" hole
below 9 5/8" Casing

Fill Line

Flowline

5000# (5M)
BOP

Annular Preventer

SRR & A

Pipe Rams

Blind Rams

2" Minimum Kill Line

Kill Line

Drilling
Spool

3" minimum choke line

Choke Line

2 Valves Minimum
(HCR Required)

2 Valves and a check valve

Wellhead
Assembly

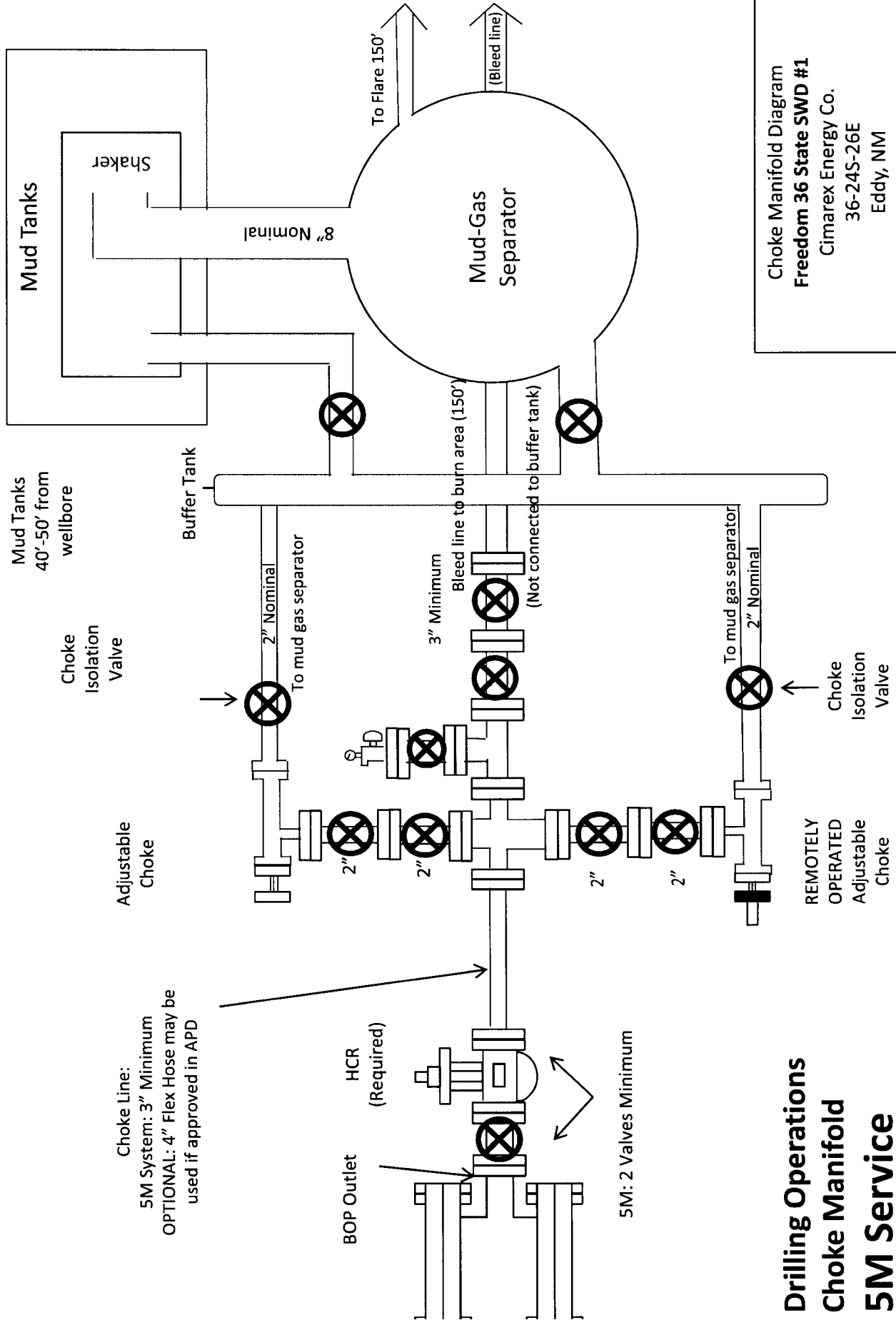
11" 5000 psi x 7-1/16" 10,000 psi
Wellhead Assembly

Wellhead
Assembly

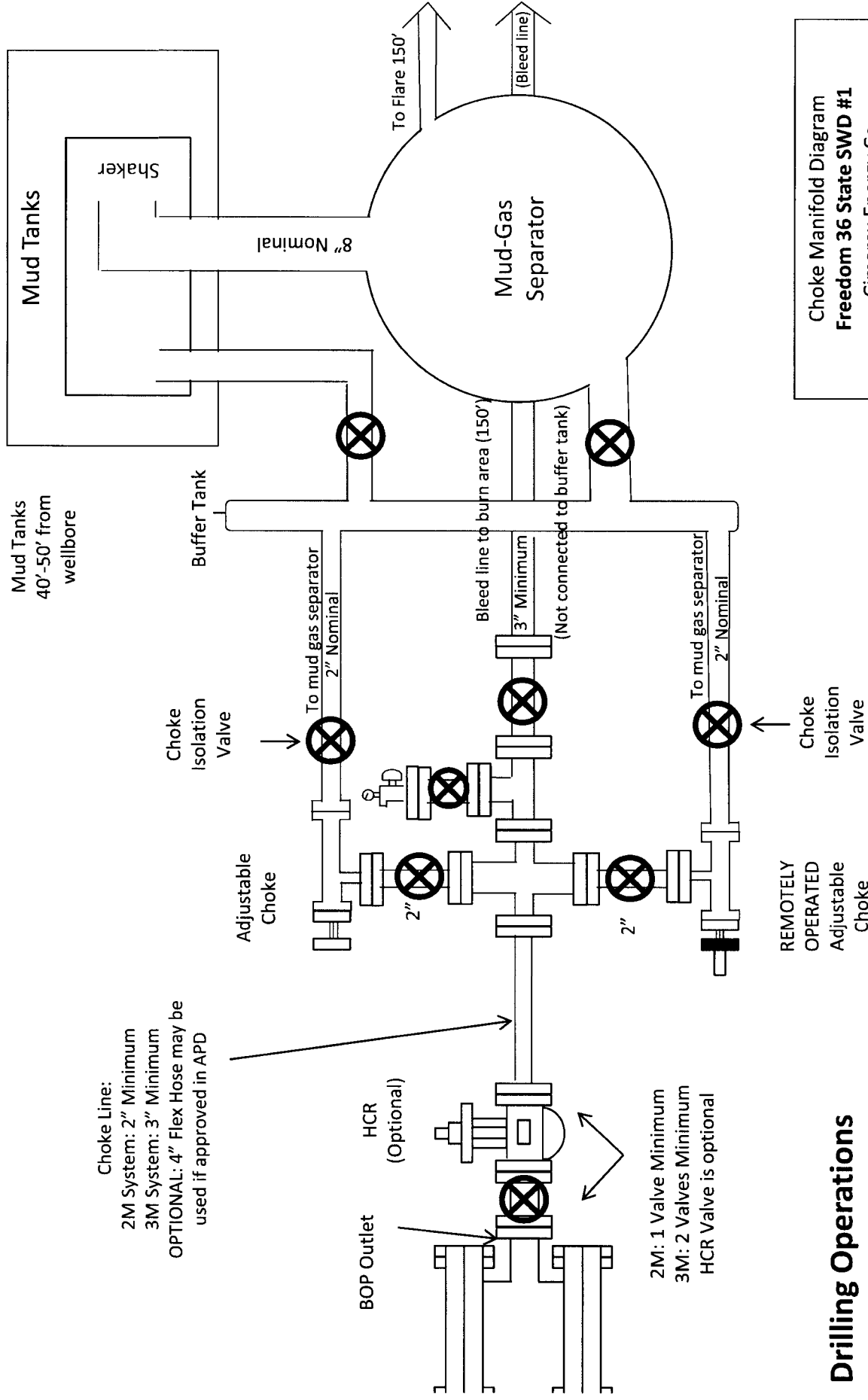
13-5/8" 3000 psi x 11" 5000 psi
Wellhead Assembly

13-5/8" 3000# psi x 13-3/8" SOW Casing Head

5000# BOP
Freedom 36 State SWD #1
Cimarex Energy Co.
36-24S-26E
Eddy, NM



Choke Manifold Diagram
Freedom 36 State SWD #1
 Cimarex Energy Co.
 36-24S-26E
 Eddy, NM



Choke Manifold Diagram
Freedom 36 State SWD #1
 Cimarex Energy Co.
 36-24S-26E
 Eddy, NM

Drilling Operations
Choke Manifold
2M/3M Service