

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30025-41609 ✓
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> HOBBS OCD		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Cimarex Energy Co.		6. State Oil & Gas Lease No.
3. Address of Operator 600 N. Marienfeld Street, Midland, Tx 79701		7. Lease Name or Unit Agreement Name Witherspoon 23 State ✓
4. Well Location Unit Letter <u>A</u> : <u>330</u> feet from the <u>North</u> line and <u>660</u> feet from the <u>East</u> line Section <u>23</u> Township <u>21S</u> Range <u>33E</u> NMPM <u>Lea</u> County		8. Well Number <u>4H</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3780'		9. OGRID Number <u>215099</u>
		10. Pool name or Wildcat Wildcat Bone Spring

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex Energy Co. respectfully requests approval to change the BOP program and the intermediate casing and cement as follows:

BOP: Below surface casing a 3M system will be used. Below the intermediate casing a 5M system will be used. BOP schematics attached.

Proposed intermediate casing design:

12-1/4" hole

9-5/8", 40#, N80, LTC casing set @ 5600'

DV tool @ 3800'

Mix & pump 1st stage lead: 270 sx, 12.9 ppg; tail: 340 sx 14.8 ppg. 2nd Stage: lead: 1290 sx 12.9 ppg. TOC surface.

Spud Date:

Rig Release Date:

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

SIGNATURE Terri Stathem TITLE Regulatory Manager DATE 2/21/14

Type or print name Terri Stathem E-mail address: tstathem@cimarex.com PHONE: 918-295-1763

For State Use Only

APPROVED BY: Mary Brown TITLE Compliance Officer DATE 2/24/2014
Conditions of Approval (if any): check w/P. Kautz by phone

FEB 24 2014

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

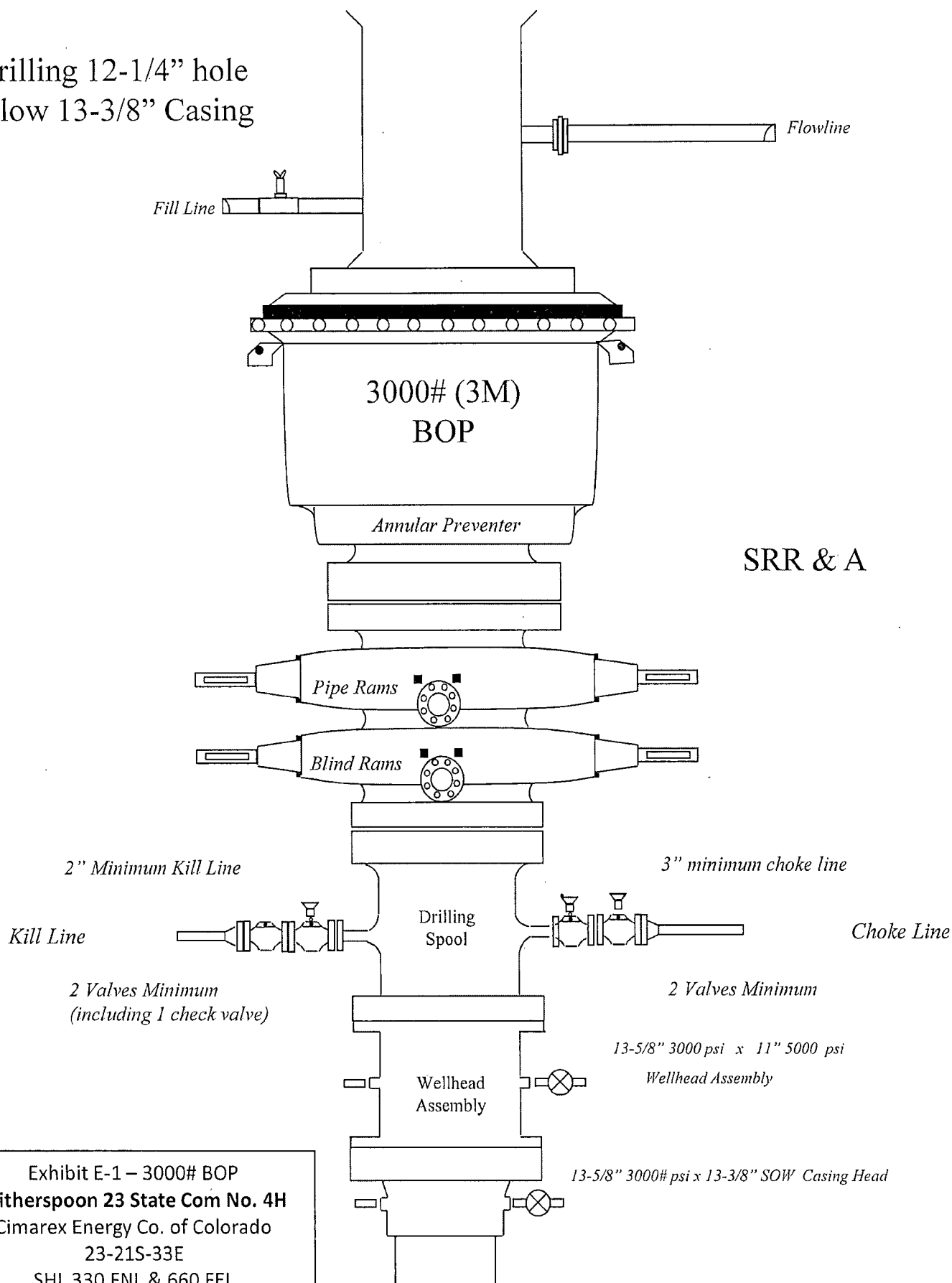
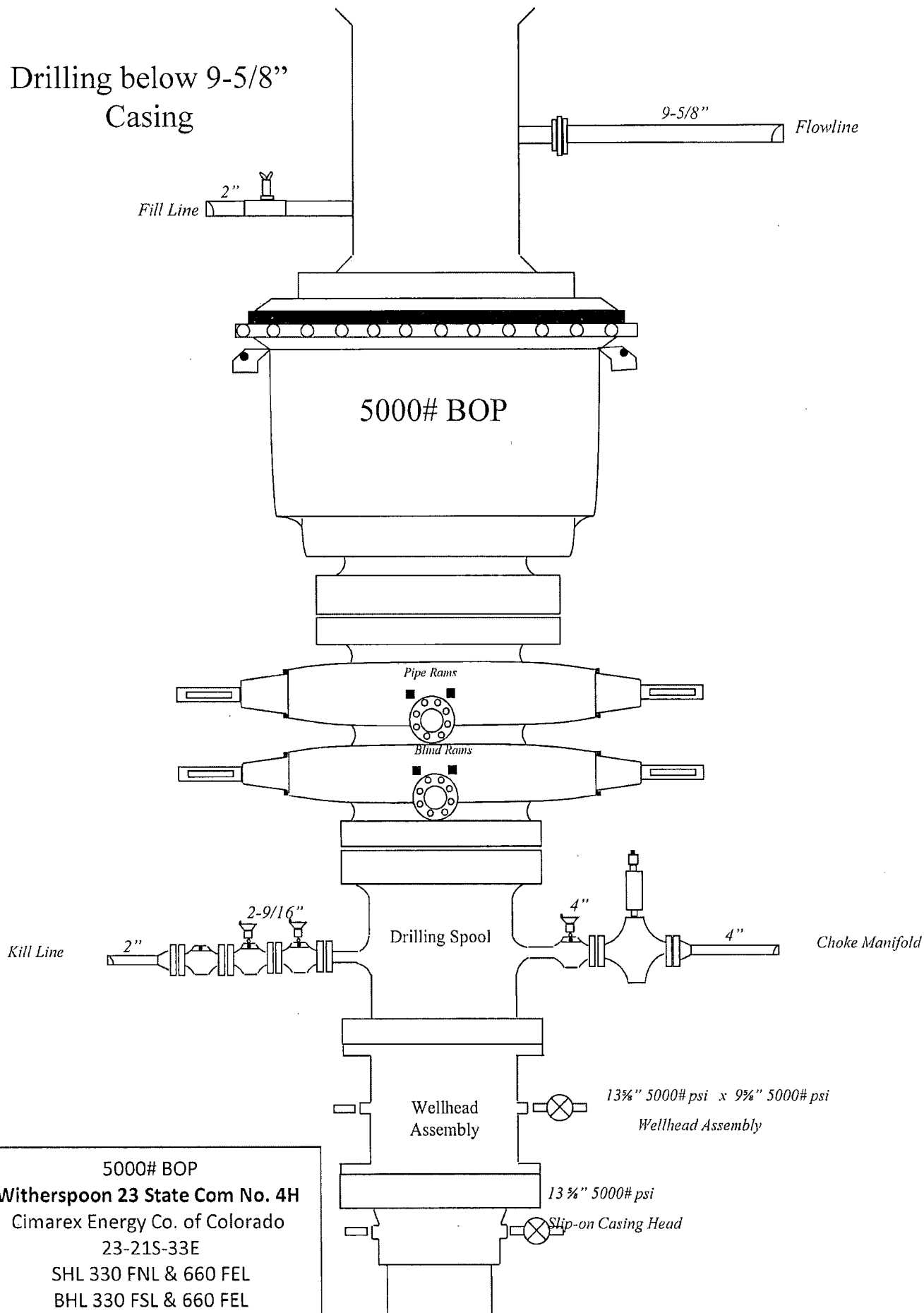
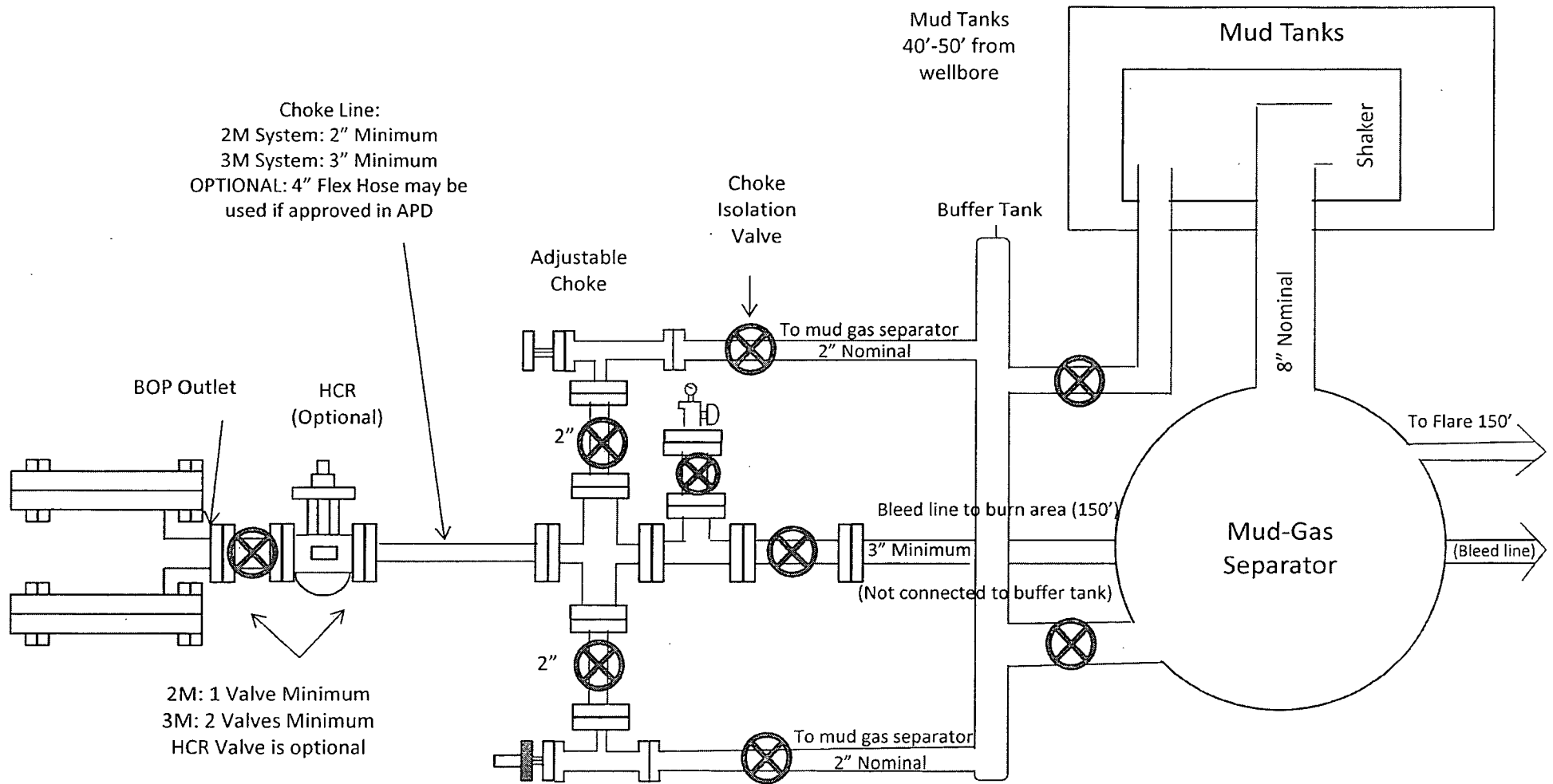


Exhibit E-1 – 3000# BOP
Witherspoon 23 State Com No. 4H
Cimarex Energy Co. of Colorado
23-21S-33E
SHL 330 FNL & 660 FEL
BHL 330 FSL & 660 FEL
Lea County NM

Drilling below 9-5/8"
Casing





2M: 1 Valve Minimum
 3M: 2 Valves Minimum
 HCR Valve is optional

Drilling Operations Choke Manifold 2M/3M Service

Exhibit E-1 – Choke Manifold Diagram
Witherspoon 23 State Com No. 4H
 Cimarex Energy Co. of Colorado
 23-215-33E
 SHL 330 FNL & 660 FEL
 BHL 330 FSL & 660 FEL
 Lea County NM

Drilling Operations Choke Manifold 5M Service

Choke Manifold Diagram
Witherspoon 23 State Com No. 4H
 Cimarex Energy Co. of Colorado
 23-21S-33E
 SHL 330 FNL & 660 FEL
 BHL 330 FSL & 660 FEL
 Lea County NM

