

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

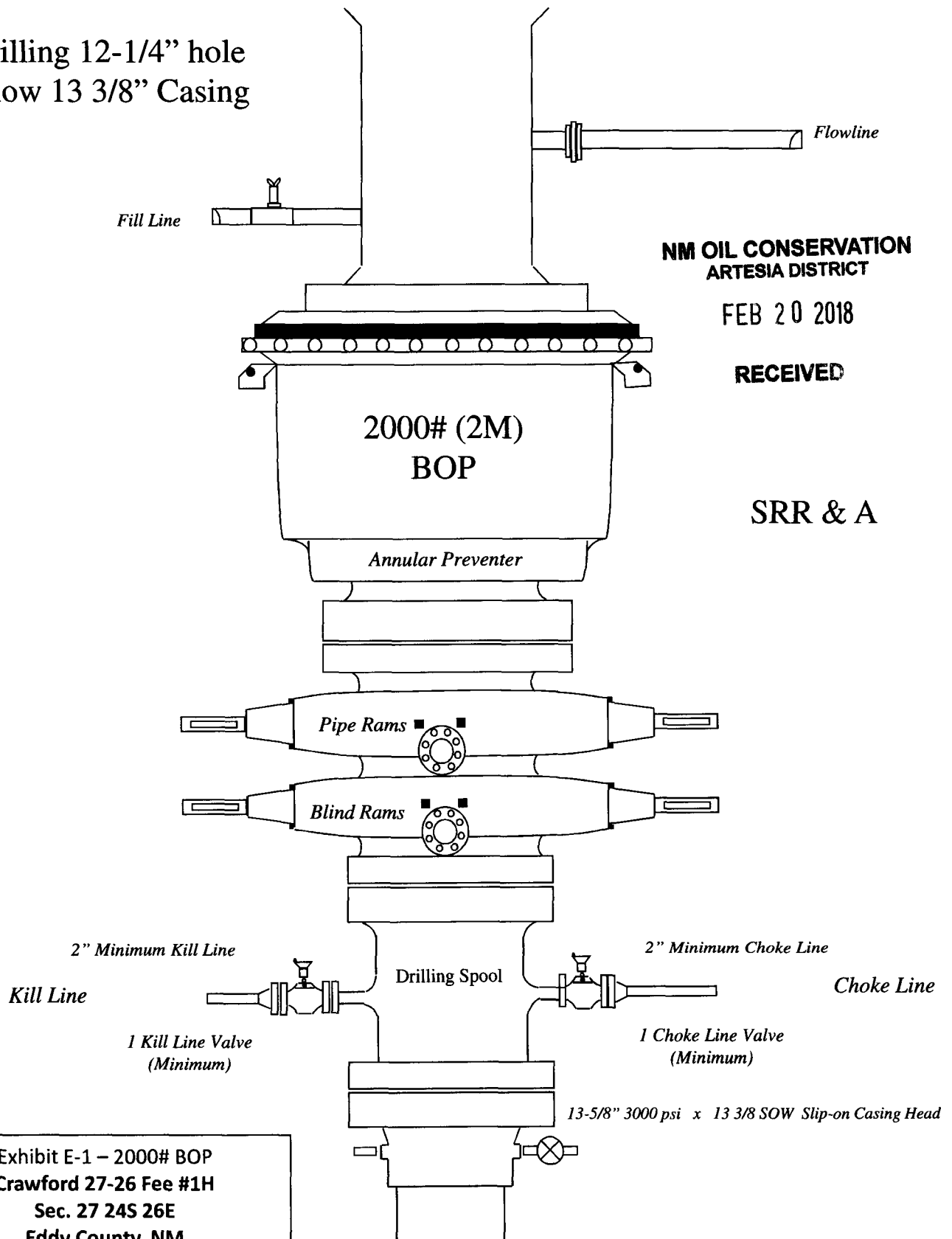
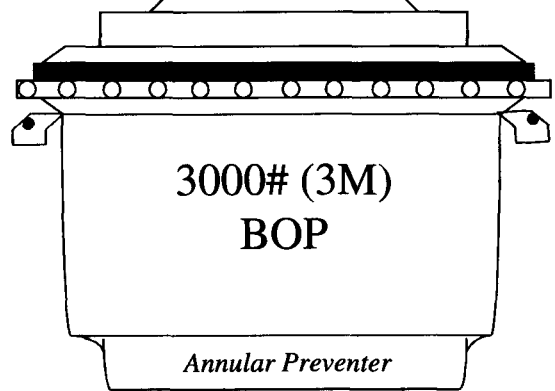
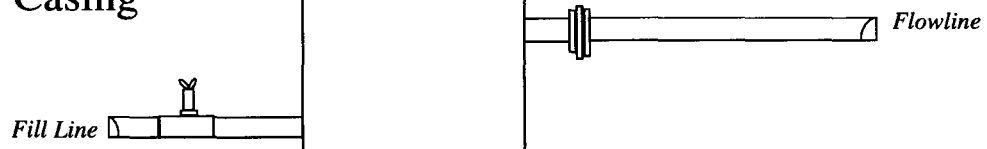


Exhibit E-1 – 2000# BOP  
Crawford 27-26 Fee #1H  
Sec. 27 24S 26E  
Eddy County, NM

30-015-44693

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

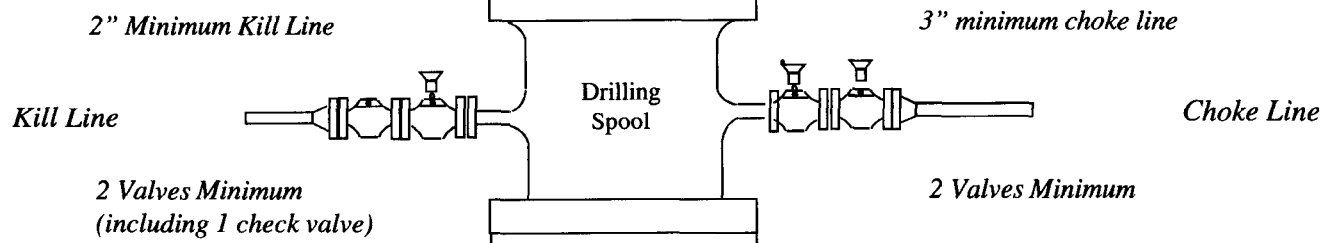
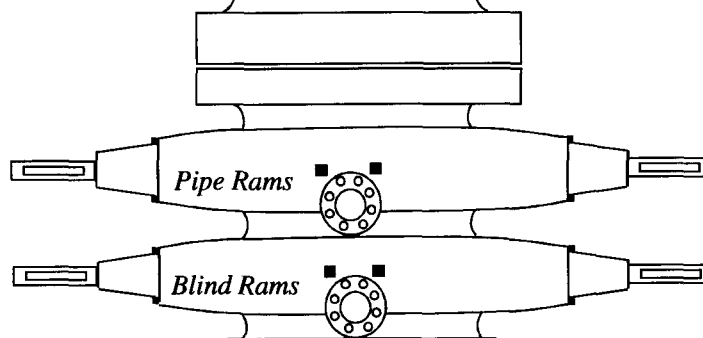


**NM OIL CONSERVATION  
ARTESIA DISTRICT**

**FEB 20 2018**

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**SRR & A**



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

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

Exhibit E-1 – 3000# BOP  
Crawford 27-26 Fee #1H  
Sec. 27 24S 26E  
Eddy County, NM

30-615-44693

Drilling 6" hole  
below 7" Casing

Fill Line

Flowline

5000# (5M)  
BOP

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SRR & A

Annular Preventer

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

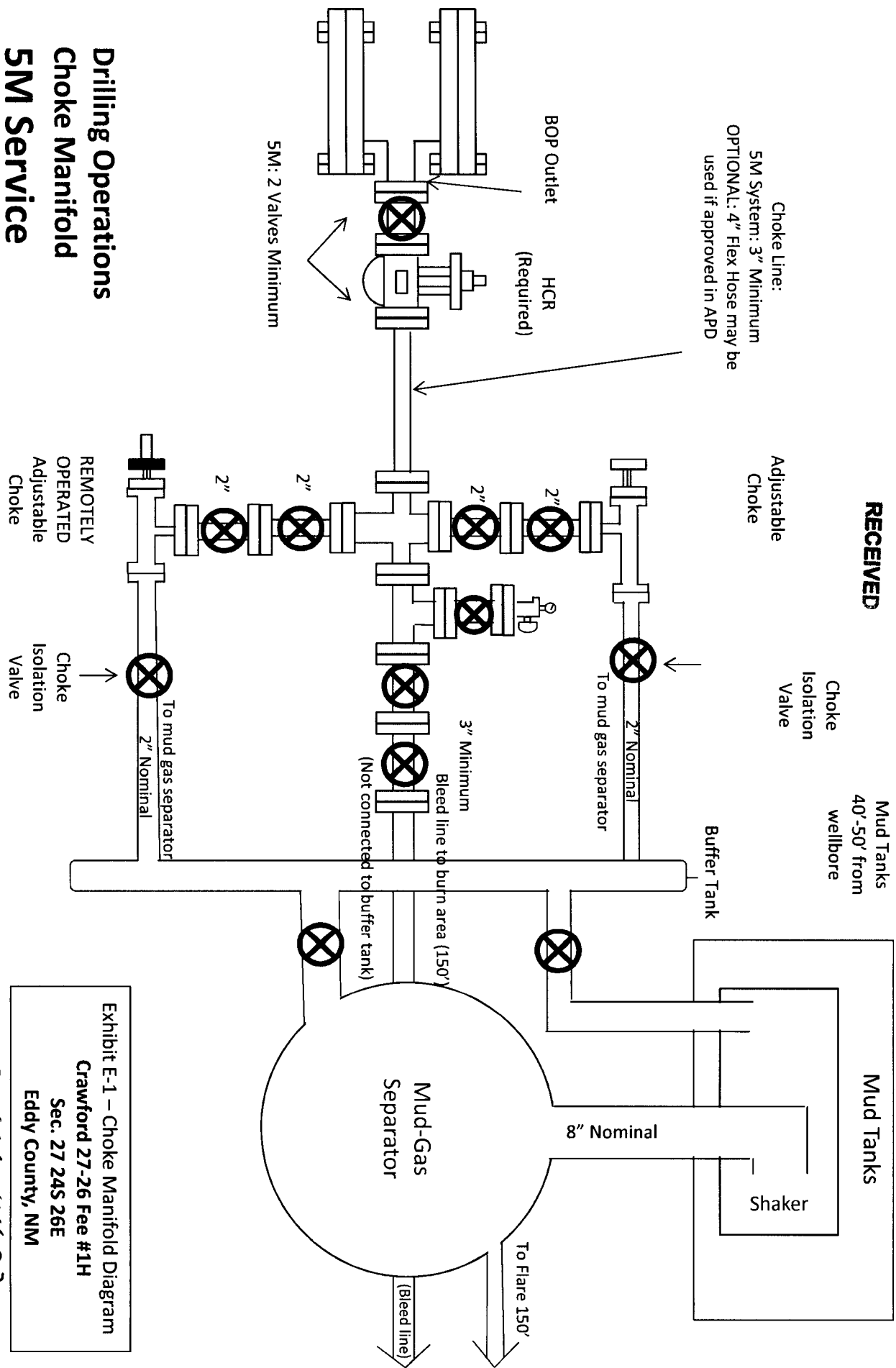
Exhibit E-1 - 5000# BOP  
Crawford 27-26 Fee #1H  
Sec. 27 24S 26E  
Eddy County, NM

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ARTESIA DISTRICT**

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**Drilling Operations  
Choke Manifold  
5M Service**

Exhibit E-1 – Choke Manifold Diagram  
Crawford 27-26 Fee #1H  
Sec. 27 24S 26E  
Eddy County, NM

30-015-44683

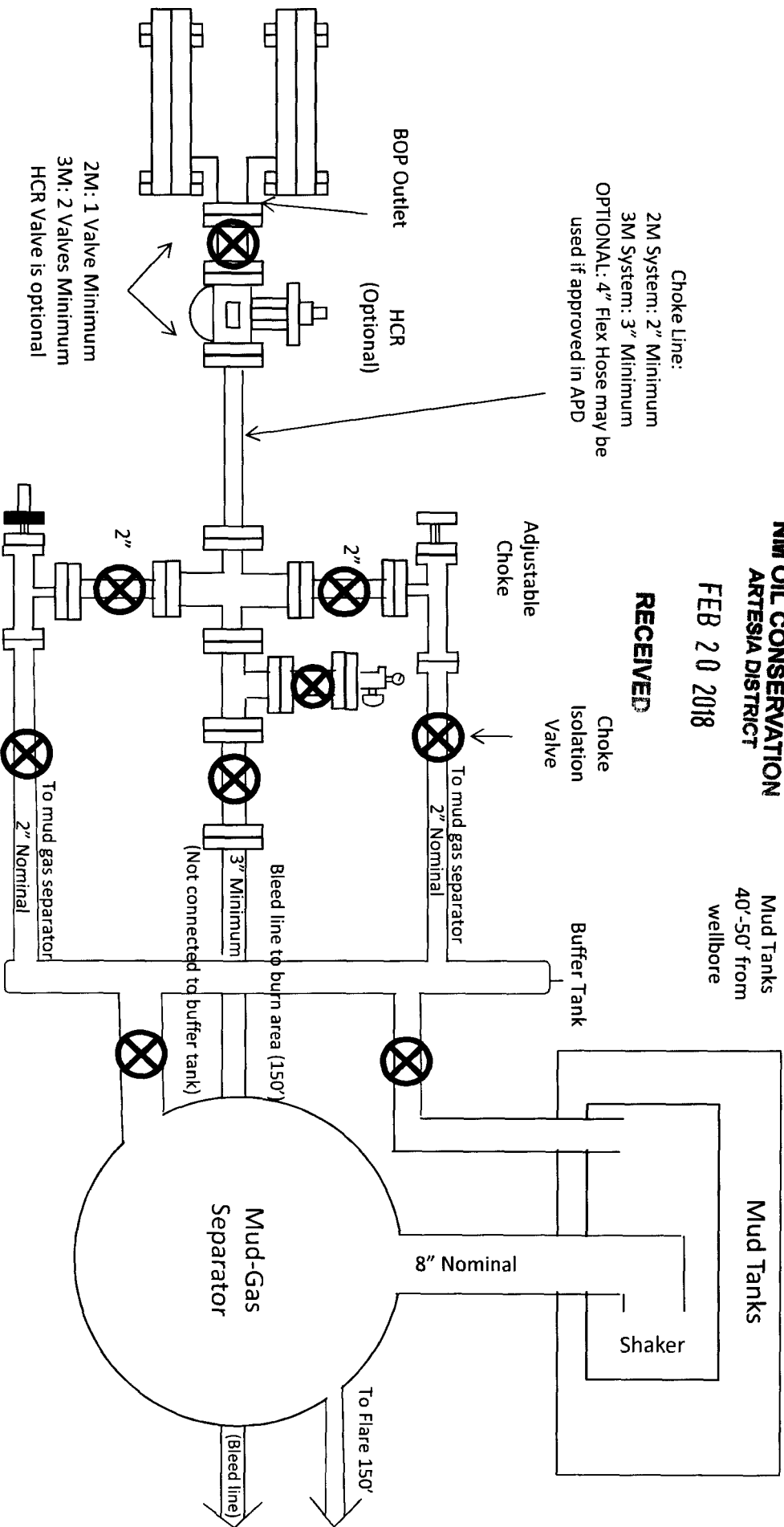
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ARTESIA DISTRICT**

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Mud Tanks  
40'-50' from  
wellbore

Choke Line:  
2M System: 2" Minimum  
3M System: 3" Minimum  
OPTIONAL: 4" Flex Hose may be  
used if approved in APD



REMOTELY  
OPERATED  
Adjustable  
Choke

Choke  
Isolation  
Valve

Mud Tanks  
40'-50' from  
wellbore

Exhibit E-1 – Choke Manifold Diagram  
Crawford 27-26 Fee #1H  
Sec. 27 24S 26E  
Eddy County, NM

30-015-44693

**Drilling Operations  
Choke Manifold  
2M/3M Service**