

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

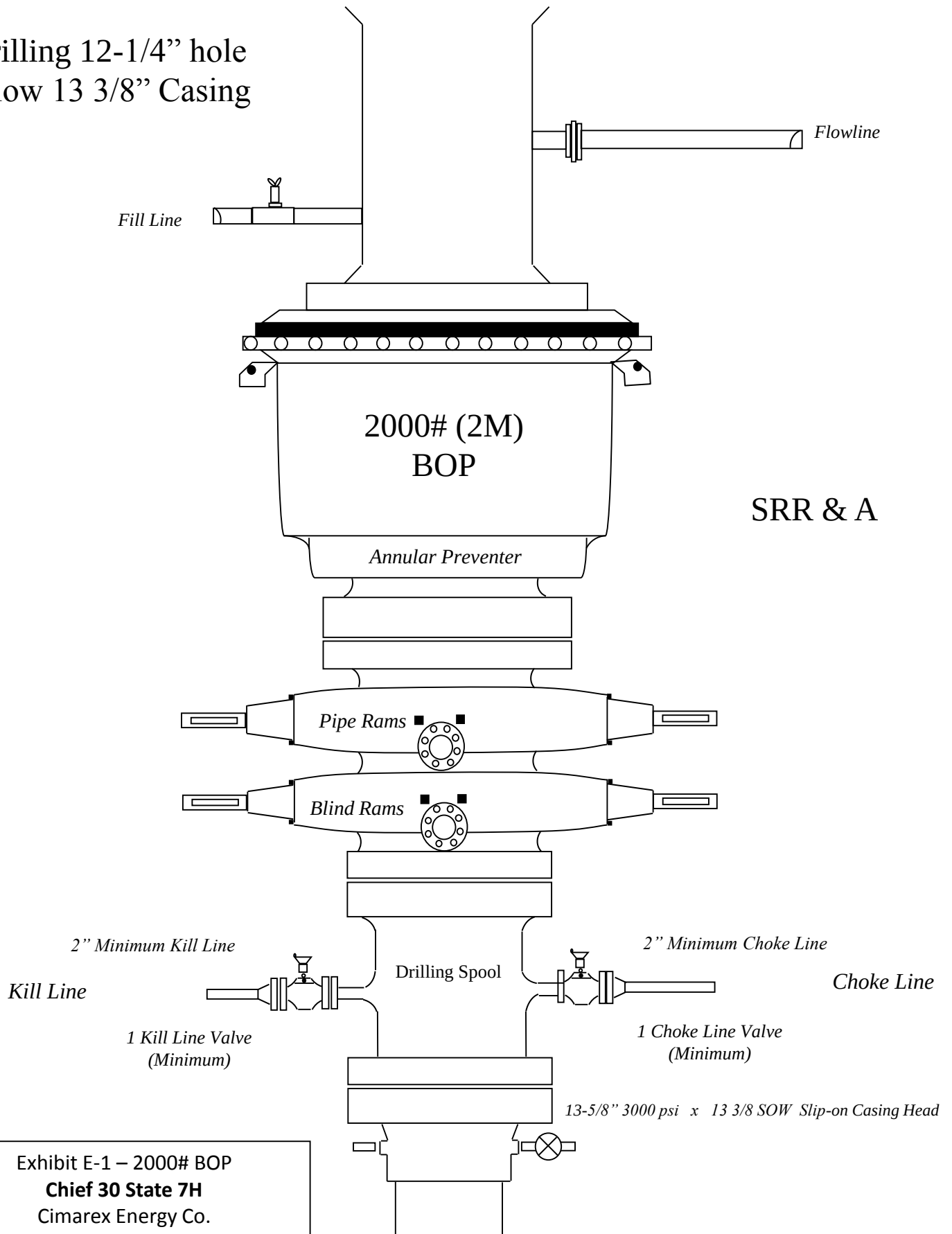


Exhibit E-1 – 2000# BOP  
**Chief 30 State 7H**  
Cimarex Energy Co.  
30-20S-35E  
Lea County, NM

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

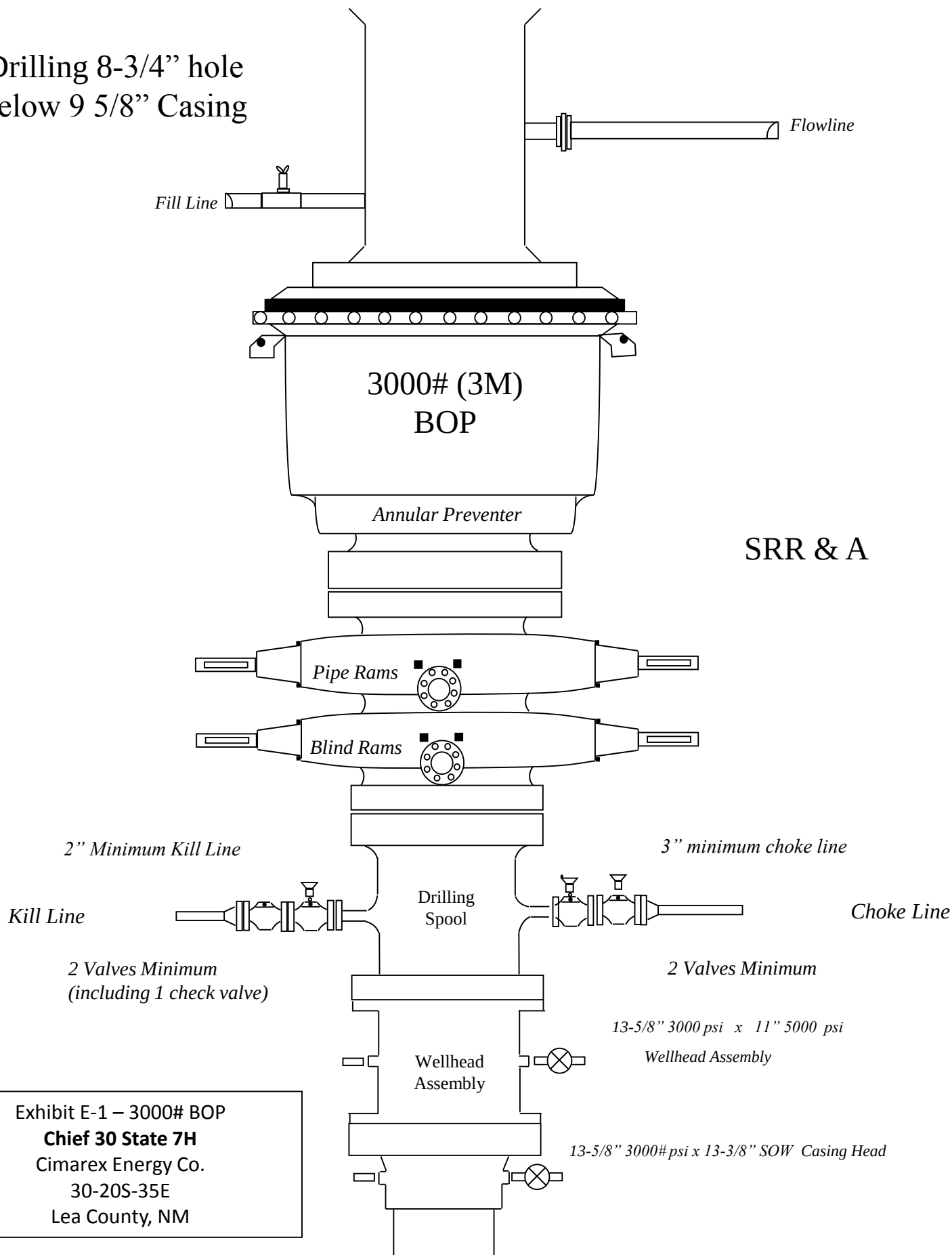
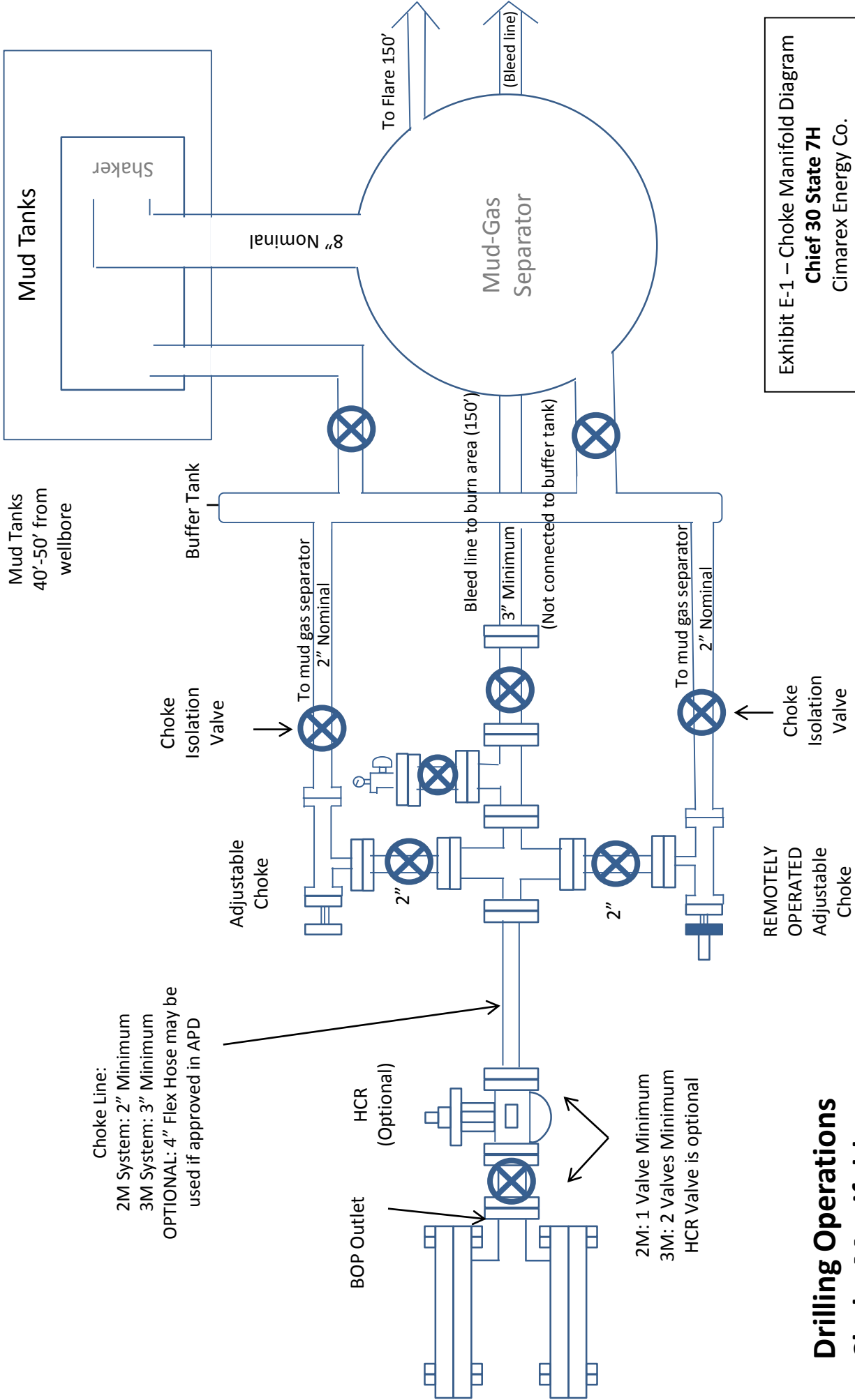


Exhibit E-1 – 3000# BOP  
**Chief 30 State 7H**  
Cimarex Energy Co.  
30-20S-35E  
Lea County, NM



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

BOP Outlet  
 HCR (Optional)

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

REMOTELY OPERATED Adjustable Choke

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

Exhibit E-1 – Choke Manifold Diagram  
**Chief 30 State 7H**  
 Cimarex Energy Co.  
 30-20S-35E  
 Lea County, NM