

CHECKLIST AND DRAWING  
MINIMUM CHOKE MANIFOLD EQUIPMENT REQUIREMENTS  
(ATTACHMENT 3 TO BID SHEET AND WELL SPECIFICATIONS)

5,000 PSI WORKING PRESSURE

TO BE INSTALLED AFTER SETTING 8 5/8 INCH CASING

Contractor or Pzl. to furnish items checked (X). See attached drawing.

No.	Item	* Min. Size	Type	Press. Rating	Furnished By	
					Contr.	Pzl.
1	Choke Line from BOP stack (same as Item No. 13 on Attachment 2)	3"				
2	4 Way Cross, 3 in. x 3 in. x 3 in. x 3 in.	2"	flanged	5,000		
3	Gate Valve	1 13/16"	flanged	5,000		
4	Pressure Sensor	1/2"	union	5,000		
5	Pressure Gauge	1 13/16"	flanged	5,000		
6	Gate Valve	2 1/16"	flanged	5,000		
7	Gate Valve	2 1/16"	flanged	5,000		
8	Gate Valve	3 1/8"	flanged	5,000		
9	Way Cross, in. x in. x in. x in.					
10	Way Cross, in. x in. x in. x in.					
11	Adjustable Choke	2"	flanged	5,000		
12	Positive Choke					
13	Hydraulically Operated Choke	3"	flanged	5,000		
14	Forged Extension Spool					
15	Hydraulically Operated Gate Valve					
16	Hydraulically Operated Gate Valve					
17	Line to Low Pressure Header	2 1/4"	Flg. X weld	5,000		
18	Line to Low Pressure Header	3 1/8"	Flg. X weld	5,000		
19	Line to Burn Pit	3 1/8"	Flg. X weld	2,000		
20	Line to Burn Pit	3 1/8"	Flg. X weld	5,000		
21	Line to Reserve Pit	2 1/2"	Flg. X weld	2,000		
22	Line to Mud Pit	3 1/8"	Flg. X weld	2,000		
23	Line to Mud Gas Separator	3 1/8"	Flg. X weld	2,000		
24	Header					
25	Header					
26	Gate Valve	2 1/16"	flanged	2,000		
27	Gate Valve	2 1/16"	flanged	2,000		
28	Gate Valve	3 1/8"	flanged	2,000		
29	Gate Valve	3 1/8"	flanged	2,000		
30	Gate Valve					
31	Gate Valve					
32	Base for Choke Manifold					
33	Block Tee, in. x in. x in. x					
34	Tee 3 in. x 3 in. x 3 in.	3"	flanged	2,000		
35	Tee 3 in. x 3 in. x 3 in.	3"	flanged	2,000		
36	Operating Consoles for Hydraulic Choke					
37	Line to Low Pressure Header					
38	Line to Reserve Pit					
39	Line to Mud Gas Separator					
40	Line to Mud Gas Separator					
41	Line to Burn Pit					
42	Forged Extension Spool					
43	Way Cross, in. x in. x in. x in.					
44	Gate Valve					
45	Gate Valve					
46	Gate Valve					

\* Line sizes to be inside diameter.  
Valves, spools and preventer sizes to be bore dimension.  
Header size to be outside diameter.