

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

5000 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)	2	Weld or Flae	5000	X	
2	Way Cross, 2 in. x 2 in. x 2 in. x 2 in.	2	Flae	5000	X	
3	Gate Valve	1 13/16"	Flae	5000	X	
4	Pressure Sensor					
5	Pressure Gauge	1	Thd	5000	X	
6	Gate Valve	2	Flae	5000	X	
7	Gate Valve	2	Flae	5000	X	
8	Gate Valve	2	Flae	5000	X	
9	Way Cross, in. x in. x in. x in.					
10	Way Cross, in. x in. x in. x in.					
11	Adjustable Choke	2	Flae	5000	X	
12	Positive Choke	2	Flae	5000	X	
13	Hydraulically Operated Choke					
14	Forged Extension Spool					
15	Hydraulically Operated Gate Valve					
16	Hydraulically Operated Gate Valve					
17	Line to Low Pressure Header	2	Welded	1000	X	
18	Line to Low Pressure Header	2	" "	1000	X	
19	Line to Burn Pit	2	Weld on Thd	1000	X	
20	Line to Burn Pit	2	Welded	1000	X	
21	Line to Reserve Pit	2	Weld on Thd	1000	X	
22	Line to Mud Pit	2	Weld on Thd	1000	X	
23	Line to Mud/Gas Separator	2	Weld on Thd	1000	X	
24	Header					
25	Header					
26	Gate Valve	2	Flae	1000		Y
27	Gate Valve	2	Flae	1000		X
28	Gate Valve	2	Flae	1000		X
29	Gate Valve	2	Flae	1000		X
30	Gate Valve					
31	Gate Valve					
32	Base for Choke Manifold					
33	Block Tee, in. x in. x in. x					
34	Tee 2 in. x 2 in. x 2 in.	2	Flae	1000		X
35	Tee 2 in. x 2 in. x 2 in.	2	Flae	1000		Y
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.