CHECKEIST AND DRAWING

## MINIMUM C' LE MANIFOLD EQUIPMENT REQUIRE NTS (ATTACHMENT No.\_\_ TO BID SHEET AND WELL SPECIF. LATIONS)

3000 PSI WORKING PRESSURE

TO BE INSTALLED AFTER SETTING 8 8/8 INCH CASING

	ltem	Min. Size	Туре	Press.	Furnished By
No.				Rating	Contr.
1.	Choke Line from BOP stock (same as item No. 13 on Attachment 2	z <sup>í</sup> *	Weld or Flanged	3000	
2.	4 Way Cross, In. x in. x in. x in.	2"	Flonged	3000	
3.	Gate Valve	1 13/16	Flanged	3000	
4.	Pressure Sensor	Ί			
5.	Pressure Gouge	1"	Threoded	3000	
6.	Gate Valve	2"	Flonged	3000	
7.	Gate Valve	2"	Flonged	3000	
8.	Gate Valve	2 <sup>u</sup>	Flanged	3000	
9.	Tee x in, x in x in.				
10.	Way Cross, In. x In x In. x In.				
11.	Adjustable Choke	2"	Flanged	3000	
12.	Positive Choke	2"	Florged	3000	
13.	Hydraulically Operated Choke				
14.	Forged Extension Spool				
15.	Hydroulically Operated Gate Valve				
16.	Hydraulically Operated Gate Valve				
17.	Line to Low Pressure Header	2"	Weld or Thread	1000	
18.	Line to Low Pressure Header	2"	Weld or Thread	1000	
19.	Line to Burn Pit	2"	Weld or Thread	0001	
20.	Line to Burn Pit	2"	Weld or Thread	1000	
21.	Line to Reserve Pit	2"	Weld or Thread	1000	***
22.	Line to Mud Pit	2"	Weld or Thread	1000	
23.	Line to Mud/Gas Separator	-			
24.	Hender	1	<del> </del>	ļ	
25.	Header			1	
26.	Gate Valve	2"	Flanged	1000	
27.	Gate Valve	2 "	Flanged	1000	
28.	Gale Valve	2"	Flanged	1000	
79.	Gate Valve	2"	Flonged	1000	
• =	Gate Valve	<u> </u>			
• » <del>i .</del>	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. x	2"	Flanged	1000	
35.	Tee 2 in. x 2 in. x 2 in. x	2"	Flanged	1000	
36.	Operating Consoles for Hydraulic Chake				
37.	Line to Low Pressure Header				
38.					
39.					
40.					
41.		_		1	
42.		-	1	1	
43			1	1	
44			_	1	
45					
46					

Line size to be inside diameter.

Valve, Spools and preventers to be bore dimension.

Header size to be outside diameter.