CHECKLIST AND DRAWING

MINIMUM CHE (E MANIFOLD EQUIPMENT REQUIRE NTS (ATTACHMENT No ____ TO BID SHEET AND WELL SPECIFICATIONS)

3000 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.	ltem	Min. Size	Турв	Press.	Furnished By	
				Rating	Contr.	Pzl.
١.	Choke Line from BOP stock (same as item No. 13 on Attachment 2	2"	Weld ∝ Flanged	3000	x	
2.	4 Way Cross, in. x in. x in. x in.	2"	Flonged	3000	X	
3.	Gate Valve	1 13/16	Flanged	3000	×	
4.	Pressure Sensor	1				
5.	Pressure Gauge	1"	Threaded	3000	X	
6.	Gate Valve	2"	Flonged .	3000	x	<u> </u>
7.	Gate Volve	2"	Flanged	3000	x	
8.	Gale Valve	2"	Flanged	3000	X	
9.	Tee K in K in X in.	,		- 5000		
10.	Way Cross, in. x In x in. x In.	1			 	
11.	Adjustable Choke	2"	Flanged	3000	X	
12.	Positive Choke	2"	Flamed	3000	X	
13.	Hydraulically Operated Choke		 		 	
14.	Forged Extension Spoc'					
15.	Hydraulically Operated Gate Valve		† · · · · · · · · · · · · · · · · · · ·		1	
16.	Hydraulically Operated Gate Valve				1	
17.	Line to Low Pressure Header	2"	Weld or Thread	1000	X	
18.	Line to Low Pressure Header	2"	Weld or Thread	1000	×	
19,	Line to Burn Pit	2"	Weld or Thread	0001	x	
2 0.	Line to Burn Pit	2"	Weld or Thread	1000	x	· · · · · ·
21.	Line to Reserve Pit	2"	Wald or Thread	1000	 	
22.	Line to Mud Pit	2,1	Weld or Thread	1000 ==	1	
23.	Line to Mud/Gas Separator		11010 01 1111000	1000 -	 ^	
24.	Heoder		 .	·	 	
2 5.	Header	_	 	<u> </u>		┼──
26.	Gate Valve	2"	Flonged	1000	 	
27.	Gote Valve	2"	Flanged	1000	 	X
28.	Gate Valve	2"	Flanced	1000	 	X
29.	Gate Valve	2"	Flanged	1000	 	X
30.	Gate Valve			1000		 _^-
31.	Gate Valve				1]
32.	Bose for Chake Manifold				1	
33.	Block Tee, in. x in. x ln. x					1
34.	Tee 2 in. x 2 in. x 2 in. x	2"	Flanged	1000	1	×
35.	Tee 2 in. x 2 in. x 2 in. x	2"	Flanged	1000		X
36.	Operating Consoles for Hydraulic Choke					
<u>37.</u>	Line to Low Pressure Header					
38.	Line to Reserve Pit					1
39.	Line to Mud/Gas Separator					
40.	Line to Mud/Gas Separator					
41.	Line to Burn Pit				1	
42.	Forged Extension Spool					
43.	Way Cross, in. x in. x in. x in. x					
44.	Gale Valve					
45.	Gale Valve					
46.	Gate Valve					}

Line size to be inside diameter.

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Valve, Spools and preventers to be bore dimension.

Header size to be outside diameter.