

CHECK LIST AND DRAWINGS (ATTACHED)  
 MINIMUM BLOWOUT PREVENTER EQUIPMENT REQUIREMENTS  
 (ATTACHMENT NO. 2 TO BID SHEET AND WELL SPECIFICATIONS)  
5,000 PSI WORKING PRESSURE  
 TO BE INSTALLED AFTER SETTING 8 5/8" INCH CASING

ATTACHMENT NO. 2  
 (See Section 4)  
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Contractor or Pzl. to furnish items checked (X). See attached drawing.

No.	Item	Min. Size *	Type	Press. Rating	Furnished By	
					Contr.	Pzl.
1.	Flow Line	8"	welded	125		
2.	Fill Up Line	2"	welded	125		
3.	Bell Nipple	8"	welded	125		
4.	Rotating Head					
5.	Hydraulically Operated Gate Valve					
6.	Blooe Line					
7.	Bag Preventer Hydri1 GL 13 5/8"	8"	flanged	5,000		
8.	Hydraulically Operated Ram Preventer					
9.	Drilling Spool with <u>3</u> in. and <u>3</u> in. Side Outlets	8"	flanged	5,000		
10.	Preventer Side Outlets, <u>      </u> in. and <u>      </u> in. Use as alternate to No. 9 above.					
11.	Gate Valve	3 1/8"	flanged	5,000		
12.	Hydraulically Operated Gate Valve	3 1/8"	flanged	5,000		
13.	Line to Choke Manifold	3 1/8"	Flg.Xweld.	5,000		
14.	Gate Valve	2 1/16	flanged	5,000		
15.	Hydraulically Operated Gate Valve					
16.	Check Valve on kill line No. 25 below	2 1/16	flanged	5,000		
17.	Drilling Spool with <u>      </u> in. and <u>      </u> in. side outlets					
18.	Preventer Side Outlets <u>      </u> in. and <u>      </u> in. Use as alternate to No. 17 above.					
19.	Gate Valve	2"	Thd.	3,000		
20.	Hydraulically Operated Gate Valve					
21.	Relief Line					
22.	Wear Flange or Bushing					
23.	Kill Line to accessible location approx. <u>100</u> ft. from rig.	2 1/4"	Flg.X weld	5,000		
24.	Gate Valve					
25.	Kill Line to rig pump manifold	2 1/4"	Flg.X weld	5,000		
26.	<u>      </u> Way Cross, <u>      </u> in. x <u>      </u> in. x <u>      </u> in. x in.					
27.	Tee, 2 1/2 in. x 2 1/2 in. x 2 1/2 in.	2 1/4"	flanged	5,000		
28.	Half Union					
29.	Casing Spool					
30.	Gate Valve					
31.	Casing Spool					
32.	Gate Valve					
33.	Pressure Gauge					
34.	Casing Head					
35.	Gate Valve					
36.	Gate Valve	2 1/16	flanged	5,000		

\* Line sizes to be inside diameter.

Valves, spools and preventer sizes to be bore dimension.