## FLKANS = 24 NO. 1 FC 24, TTS R34E ROOSEVELT CO, N.M.

PENNIZOIL

CHECK LIST AND DRAWINGS (ATTACHED)
MINIMUM BLOWOUT PREVENTER EQUIPMENT REQUIREMENTS
(ATTACHMENT NO. 2 TO BID SHEET AND WELL SPECIFICATIONS)

3000 PSI WORKING PRESSURE
TO BE INSTALLED AFTER SETTING 12 3/4 INCH CASING

ATTACHMENT NO. 2 (See Section 4) Page 1 of 1

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

No.	Item	Min. Size *	Туре	Press. Rating	Furnished By	
		Size *			Contr.	Pzl.
1.	Flow Line	8"	Weld	125	Χ	
2.	Fill Up Line	2"	Thd or Weld	125	Χ	
3.	Bell Nipple	12"	Weld	125	<u> </u>	
4.	Rotating Head					
5.	Hydraulically Operated Gate Valve					<u> </u>
6.	Blooie Line				ļ	ļ <u>.</u>
7.	Bag Preventer	12"	Flanged	3000	X :	<del> </del>
8.	Hydraulically Operated Ram Preventer					ļ
9.	Drilling Spool with 2 in. and 2 in.	1	1 . !			
	Side Outlets Preventer Side Outlets, in. and in.	12"	Flanged	3000	X	ļ
10.	Preventer Side Outlets, in. and in.	ŀ			ĺ	i
	Use as alternate to No. 9 above.					
11.	Gate Valve	2"	Flanged	3000	Χ	1
12.	Hydraulically Operated Gate Valve					
13.	Line to Choke Manifold	2"	Flanged	3000	X	<u> </u>
14.	Gate Valve	2"	Flanged	3000	X	
15.	Hydraulically Operated Gate Valve					
16.	Check Valve		<u></u>			<u> </u>
17.	Drilling Spool within. andin.					
	side outlets					
18.	Preventer Side Outletsin. andin. Use as alternate to No. 17 above.					
	Use as alternate to No. 17 above.					
19.	Gate Valve					
20.	Hydraulically Operated Gate Valve					
21.	Relief Line .					
22.	Wear Flange or Bushing FOR 12 3/4" CSG.	12"	Threaded	3000	X	<u> </u>
23.	Kill Line to accessible location approxft.					1
	from rig.					I
24.	Gate Valve					
25.	Kill Line to rig pump manifold	2"	Flanged	3000	Υ	
26.	Way Cross,in. xin. xin. x in. Tee, in. x in. x in.					
1	in.				·	1
27.	Tee, in. x in. x in.				· · · · · · · · · · · · · · · · · · ·	
28.	Half Union					1
29.	Casing Spool	· · · · · ·				
30.	Gate Valve					1
31.	Casing Spool					1
32.	Gate Valve					1
33.	Pressure Gauge					
34.	Casing Head			······································		
35.	Gate Valve					1
36.	Gate Valve					

<sup>\*</sup>Line sizes to be inside diameter.

Valves, spools and preventer sizes to be bore dimension.

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