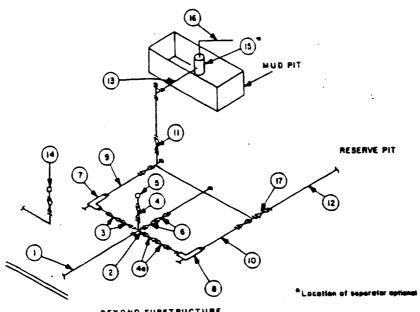
MINIMUM CHOKE MANIFOLD 3,000, 5,000 and 10,000 PSI Working Pressure

3 MWP - 5 MWP - 10 MWP



BEYOND	SUBST	RUCTURE
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			MINI	MUM REQU	IREMENTS					
			3,000 MWP			5,000 MWP			10,000 MWF	
		1.D.	NOMINAL	RATING	1.D.	NOMINAL	RATING	I.D.	NOMINAL	RATING
No.	Line from drilling spool		3*	3,000		3"	5.000		3"	10,000
1	Cross 3"x3"x3"x2"			3,000			5,000			
2	Cross 3 "x3"x3"x3"						·			10,000
_ <u>·</u> 3	Valves(1) Gate □ Plug □(2)	3-1/8*		3,000	3-1/8"		5,000	3-1/8"		10,000
4	Valve Gate C Plug C(2)	1-13/16*		3,000	1-13/16*		5,000	1-13/16*		10,000
		2-1/16"	<u> </u>	3,000	2-1/16"		5,000	3-1/8"		10,000
48	Valvesi	+		3,000			5,000			10,000
5	Pressure Gauge Gate C Valves Plug (2)	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
	Adjustable Choke(3)	2.	1	3,000	2.		5,000	2"		10,000
7	Adjustable Choke	1.		3,000	1"		5,000	2*	<u> </u>	10,000
	Adjustable Choke		3"	3,000		3"	5,000		3"	10,000
9	Line	 	2*	3,000		2"	5,000		3"	10,000
10	Valves Gate []	3-1/8"		3,000	3-1/8"		5,000	3-1/8"		10,000
		+	3*	1,000		3*	1,000		3.	2,000
12			3*	1,000		3*	1,000	T -	3.	2,000
13		+	+	1	· ·	1		T .		10,000
14	Remote reading compound standpipe pressure gauge		<u> </u>	3,000	ļ <u>.</u>	21451	5,000	 	2'x5'	10,000
15	0		2'x5'	1.000	 	2'x5'	1,000		4°	2,000
16	Line		4.	1,000			1,000	+	 	2,000
17	Gate 🗆	3-1/8*		3,000	3-1/8*	<u> </u>	5,000	3-1/8"		10,000

- (1) Only one required in Class 3M.
- (2) Gate valves only shall be used for Class 10M.
- (3) Remote operated hydrautic choke required on 5,000 psi and 10,000 psi for drilling.

EQUIPMENT SPECIFICATIONS AND INSTALLATION INSTRUCTIONS

- 1. All connections in choke manifold shall be welded, studded, flanged or Cameron clamp of comparable rating.
- 2. All flanges shall be API 6B or 6BX and ring gaskets shall be API RX or BX. Use only BX for 10 MWP.
- 3. All lines shall be securely anchored.
- 4. Chokes shall be equipped with tungsten carbide seats and needles, and replacements shall be available.
- 5. Choke manifold pressure and standpipe pressure gauges shall be available at the choke manifold to assist in regulating chokes. As an alternate with automatic chokes, a choke manifold pressure gauge shall be located on the rig floor in conjunction with the standpipe pressure gauge.
- 6. Line from drilling spool to choke manifold should be as straight as possible. Lines downstream from chokes shall make turns by large bends or 90° bends using bull plugged tees.

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