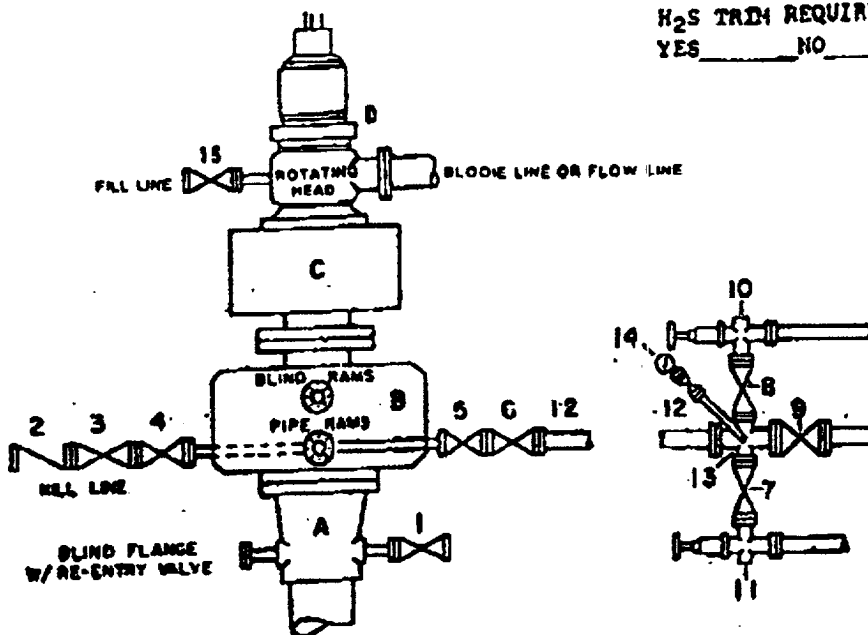


DRILLING CONTROL CONDITION III-B 3000 PSI WP

H₂S TRIM REQUIRED
YES _____ NO _____



DRILLING CONTROL MATERIAL LIST - CONDITION III-B

- A Wellhead
- B 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2 - 2000# W.P. single ram preventers may be utilized with 3000# W.P. drilling spool with 2" minimum flanged outlet for kill line and 3" minimum flanged outlet for choke line. The drilling spool is to be installed below the single ram type preventer).
- C 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines.
- D Rotating Head with fill up outlet and extended bleed line.
- 1,3,4, 7,8, 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve.
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Torc Plug valve.
- 12 3" minimum Schedule 80, Grade B, seamless line pipe.
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross.
- 10,11 2" minimum 3000# W.P. adjustable choke bodies.
- 14 Cameron Mud Gauge or equivalent (location optional in Choke line).
- 15 2" minimum 3000# W.P. flanged or threaded full opening steel gate valve, or Halliburton Lo Torc Plug valve.

SCALE	DATE	REV. NO.	DRG. NO.
DRAWN BY			
CHECKED BY			

EXHIBIT E

OCD
Attachment #1
CF Quality Operating, Inc.
State #1

ELF
8/4/02
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED