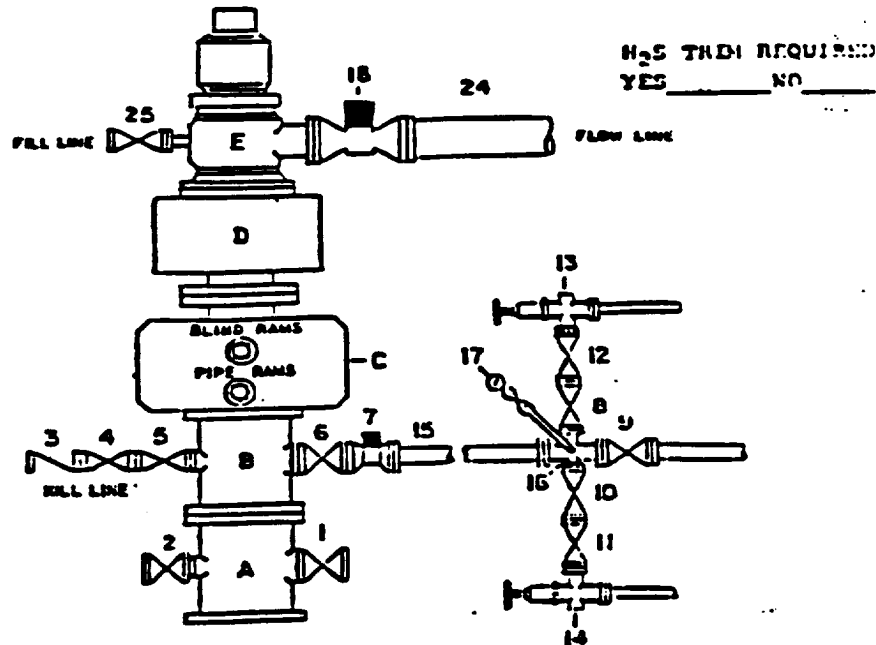


DRILLING CONTROL CONDITION IV-B-5000 PSI WP



DRILLING CONTROL

MATERIAL LIST - CONDITION IV - B

- A Texaco Wellhead
- B 5000; W.P. drilling spool with a minimum 2" flanged outlet for kill line and 2" minimum flanged outlet for choke line.
- C 5000; W.P. dual ram type preventer, hydraulic operated with 1" steel, 5000; W.P. control lines.
- D 5000; W.P. Annular preventer, hydraulic operated with 1" steel, 5000; W.P. control lines.
- E Rotating Head with fill up outlet and extended Blemie line.
- 1,2,4,5, 6,10,11, 12 3" minimum 5000; W.P. Flanged full opening steel gate valve, or Halliburton Le Torr Plug valve.
- 3 3" minimum 5000; W.P. back pressure valve.
- 4,9 3" minimum 5000; W.P. Flanged full opening steel gate valve, or Halliburton Le Torr Plug valve.
- 7 3" minimum 5000; W.P. Flanged hydraulic valve
- 15 3" minimum Schedule 80, Grade B, seamless line pipe
- 16 2" minimum x 3" 5000; W.P. flanged cross
- 13,14 3" minimum 5000; W.P. adjustable chokes with carbide trim.
- 17 Cameron Mud Gauge or equivalent (location in choke line optional).
- 18 6" minimum 1000; hydraulic flanged valve.
- 24 6" minimum steel flow line.
- 25 2" minimum 5000; W.P. flanged or threaded full opening steel gate valve, or Halliburton Le Torr Plug valve.

EXHIBIT

