

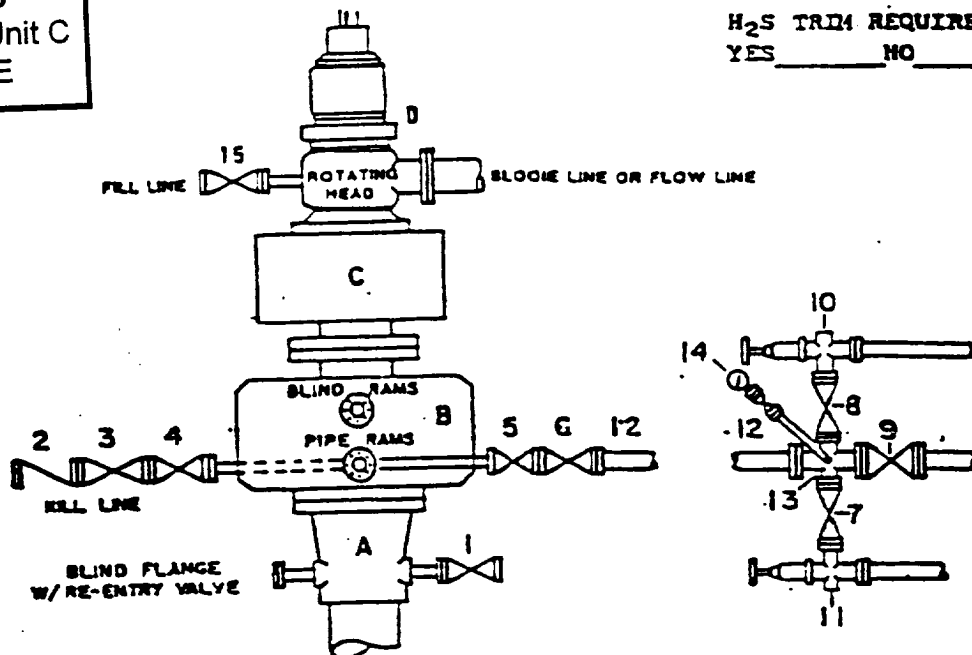
BOP Equipment

Shahara Oil, LLC

Phillips State No. 16
330' FNL & 2310' FWL, Unit C
Sec 16 - T17S - R33E

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 - 3000# 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 preventers).
- C 3000# W.P. Annular Preventer with 1" steel, 3000# W.P. control lines.
- D Rotating Head with fill up outlet and extended Bore line.
- 1,3,4, 7,8, 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Tort 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 Tort 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 Tort Plug valve.

SCALE:	DATE	EST. NO.	SPC. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

EXHIBIT E

