

TIMB // SHARP DRILLING

B.O.P. Equipment Intended for use on Rig # 24 d 22
 Well To Be drilled for TM32/Sharp

- ' All B.O.P equipment is H2S Trim '
- ' All Accumulators are Kookey Type-80 : Dual Power Electric/Air '
- ' Choke Manifold: ' See sheet 2
- 4' Valves : Cameron F/FC, Shaffer DB Hydraulic
- 2" Check Valve: Cameron Type R
- 2' Valves : Cameron or Shaffer

Annular Shaffer Type: Spherical
Annular PSI: 3000

(If Shaffer: Spherical , If Hydril: Type OK)

BOP Type Shaffer LWS

(If Shaffer: LWS or SL, If Cameron: Type U)

BOP Size: 13 5/8 " - 5000 PSI

Rotating Head Type Smith

Rot-Head Furnished By TM32

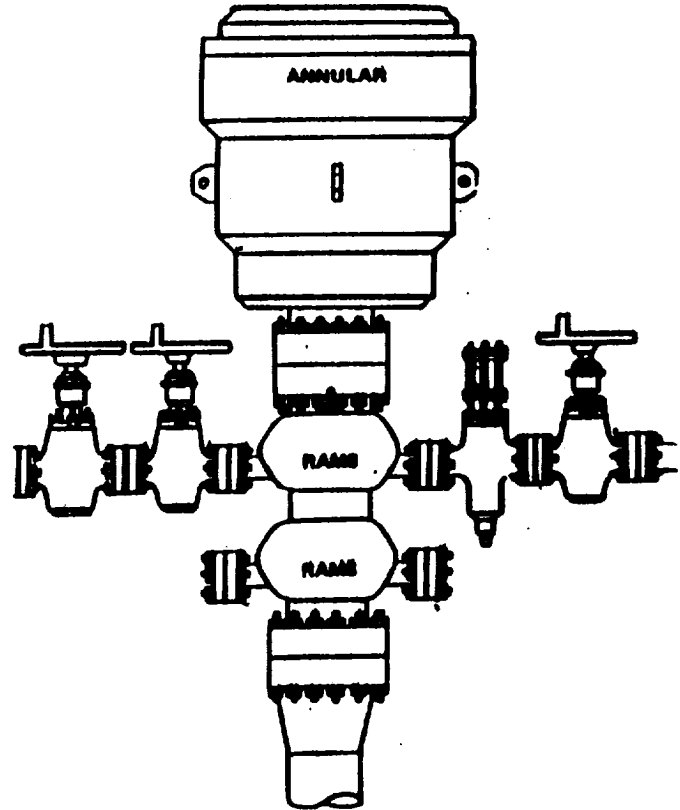
Rams in top gate: 4 1/2 pipe

Rams in bottom: Blinds

Side Outlets used:

Bottom X Top

4" Valves on Tee



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' All Valves (H2S) '

Choke Manifold:

Pressure Rating 3,000 or 5,000 (as Req.)

1 - 4" Valves

2 - 2" Valves

2 - 2" Adjustable Chokes

Valve Types Used:

Cameron - F or FC

Shaffer - B Floseal

WKM - type 2

Chokes - Cameron H2 or TC unbolt

