

TIMBER/SHARP DRILLING

B.O.P. Equipment Intended for use on Rig # 23

Well To Be drilled for Timber/Sharp Drilling, Inc.

' 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 GK)

BOP Type LWS 2 Gate

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

BOP Size: 11 " - 5000 PSI

Rotating Head Type Smith

Rot-Head Furnished By Timber/Sharp

Rams in top gate: Blinds

Rams in bottom: 4 1/2" pipe

Side Outlets used:

Bottom X Top

4" Valves on Tee

