LTC Casing to 2625'

## LAKE SHORE FED. S.C. 10-#2 MINIMUM BLOW-OUT PREVENTER REQUIREMENTS ALL 5000 PSI WP EQUIPMENT

ALL 5000 PSI WP EQUIPMENT (Except Casinghead & Spools as noted below) FLOW LINE FILL UP LINE TO PUMP ROTATING HEAD 11" **ANNULAR PREVENTER** 11" PIPE RAM 11"BLIND RAM 4" 5000# Hydraulic Gate Valve 4" F.O.F.E. Gate Valve 2" CHECK VALVIE 2' GATE VALVE TO CHOKE MANIFOLD Х 11" MUD CROSS 2" NOMINAL KILL LINE 4" NOMINAL CHOKE LINE WELLHEAD EQUIPMENT: WELLHEAD EQUIPMENT: Surface Profile: 475' - 2,625' Intermediate Profile 2,625 - 11,200 Intermediate 📜 11" 5000 psig Casing Spool 2" 5000# 11" 5000 psig GATE VALVE XO Spool (0) GATE VALVE (3) 13 5/8" 3000 psig 13 5/8" 3000 psig 13 5/8" 3000 psig SOW Casinghead 13 5/8" 3000 psig SOW Casing Head (1) (<u>0</u>) **( ①** 2" Ball Valve 2° Ball Valve 3000 psig 2" Ball Valve 3000 psig 2" Ball Valve 3000 psig 3000 psiq 13 3/8" 54.5# K-55 ST&C Casing 8 5/8" 32# K-55 & @470'