WEK_DRILLING CO., INC. - RIG 2 - EQUIPMENT DESCRIPTION

All equipment should be at least 3.000 psi WP or higher unless otherwise specified.

- 1. Bell nipple.
- 2. Hydril bag type preventer
- 3. Ram type pressure operated blowout preventer with blind rams.
- 4. Flanged spool with one 3-inch and one 2-inch (minimum) outlet.
- 5. 2-inch (minimum) flanged plug or gate valve.
- 6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
- 7. 3-inch gate valve.
- 8. Ram type pressure operated blowout preventer with pipe rams.
- 9. Flanged type casing head with one side outlet.
- 10. 2-inch threaded (or flanged) plug or gate valve. Flanged on 5000# WP, threaded on 3000# WP or less.
- 11. 3-inch flanged spacer spool.
- 12. 3-inch by 2-inch by 2-inch by 2-inch flanged cross.
- 13. 2-inch flanged plug or gate valve.
- 14. 2-inch flanged adjustable choke.
- 15. 2-inch threaded flange.
- 16. 2-inch XXH nipple.
- 17. 2-inch forged steel 90°E11.
- 18. Cameron (or equal:) threaded pressure gage.
- 19. Threaded flange.
- 20. 2-inch flanged tee.
- 21. 2-inch flanged plug or gate valve.
- 22. $2\frac{1}{2}$ -inch pipe, 300' to pit, anchored.
- 23. $2\frac{1}{2}$ -inch SE valve.
- 24. $2\frac{1}{2}$ -inch line to steel pit or separator.

NOTES:

- 1. Items 3, 4 and 8 may be replaced with double ram type preventer with side outlets between the rams.
- 2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
- 3. Kill line is for emergency use only. This connection shall not be used for filling.
- 4. Replacement pipe rams and blind rams shall be on location at all times.
- 5. Only type U, LSW and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
- 6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.