

CORRECTED

1. ROP'S TO BE FIELD OPERATED.
2. ROP'S AND ALL FITTINGS MUST BE IN GOOD CONDITION AND RATED AT 3000 PSI W.P. MINIMUM.
3. DOWNHOLE BLOCKS WHICH FIT MUST PASS SHALL BE AT LEAST AS LARGE AS CASING SIZE BEING DRILLED THROUGH.
4. NUTS ABOVE ROP'S SHALL BE SAME SIZE AS LAST CASING SET.
5. UPPER KILLY COCK IS REQUIRED AND SHALL BE 3000# W.P. MINIMUM.
6. T. 1. W. OR CONTROLLED SPIND VALVE SHALL BE AVAILABLE ON RIG FLOOR WITH CONNECTION OR SUBS TO FIT ANY TOOL JOINT IN THE STRING. VALVE TO BE FULL BORE 5000# MIN.
7. PLUG VALVE NEXT TO SPOOL SHALL BE 4". OTHER EQUIPMENT MAY BE 3" OR 4". ALL CROSS MANIFOLD EQUIPMENT SHALL BE FLANGED. N/O LINE WITH MANIFOLD TO BE "BUSHED" UP 3" AND STRAIGHT AS POSSIBLE WITH MINIMUM BENDS.
8. FLUID LINES FROM ACCELERATOR TO ROP'S AND ALL BEFORE CONTROL FLUID LINES SHALL BE STEEL, AND RATED AT OR ABOVE DESIGN ACCELERATOR PRESSURE. LINES SHALL BE LOCATED IN BUNDLES AND ADEQUATELY PROTECTED FROM DAMAGE.
9. USE RAYS IN FOLLOWING POSITIONS:*

	DRILLING	RUNNING CASING
UPPER RAM	DRILL PIPE	CASING
LOWER RAM	BLIND	BLIND

*AYCO AREA SUPT. MAY REVERSE LOCATION OF RAYS.

10. CROSS MANIFOLD, BEYOND SPOOL VALVE FROM CROSS MAY BE OPTIONALLY POSITIONED OUTSIDE OF SUBSTRUCTURE.
11. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND SPACED AT ALL TIMES.
12. TWO INCH (2") LINES AND VALVES ARE PERMITTED ON THE KILL LINE.

