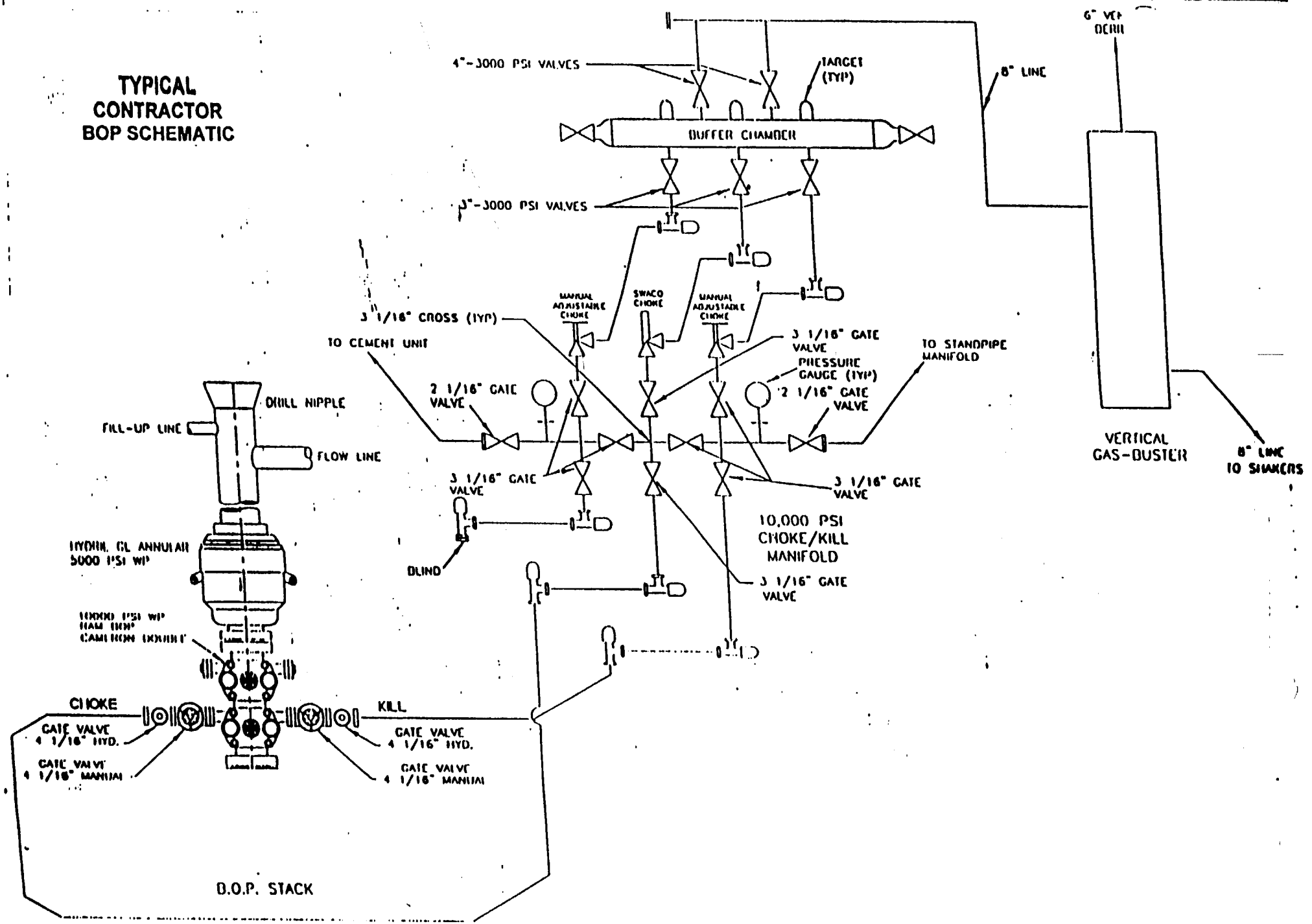
TYPICAL
CONTRACTOR
BOP SCHEMATIC
4"-3000 PSI VALVES
TARGET (TYP)
8" LINE
6" VENT DERRICK
BUFFER CHAMBER
3"-3000 PSI VALVES
MANUAL ADJUSTABLE CHOKE
SWACO CHOKE
MANUAL ADJUSTABLE CHOKE
3 1/16" CROSS (TYP)
TO CEMENT UNIT
3 1/16" GATE VALVE
PRESSURE GAUGE (TYP)
TO STANDPIPE MANIFOLD
2 1/16" GATE VALVE
2 1/16" GATE VALVE
DRILL NIPPLE
FILL-UP LINE
FLOW LINE
VERTICAL GAS-BUSTER
8" LINE TO SHAKERS
3 1/16" GATE VALVE
3 1/16" GATE VALVE
BLIND
10,000 PSI CHOKE/KILL MANIFOLD
3 1/16" GATE VALVE
HYDRIL GL ANNULAR 5000 PSI WP
CHOKE
KILL
GATE VALVE 4 1/16" HYD.
GATE VALVE 4 1/16" MANUAL
GATE VALVE 4 1/16" HYD.
GATE VALVE 4 1/16" MANUAL
B.O.P. STACK

EXHIBIT "A"