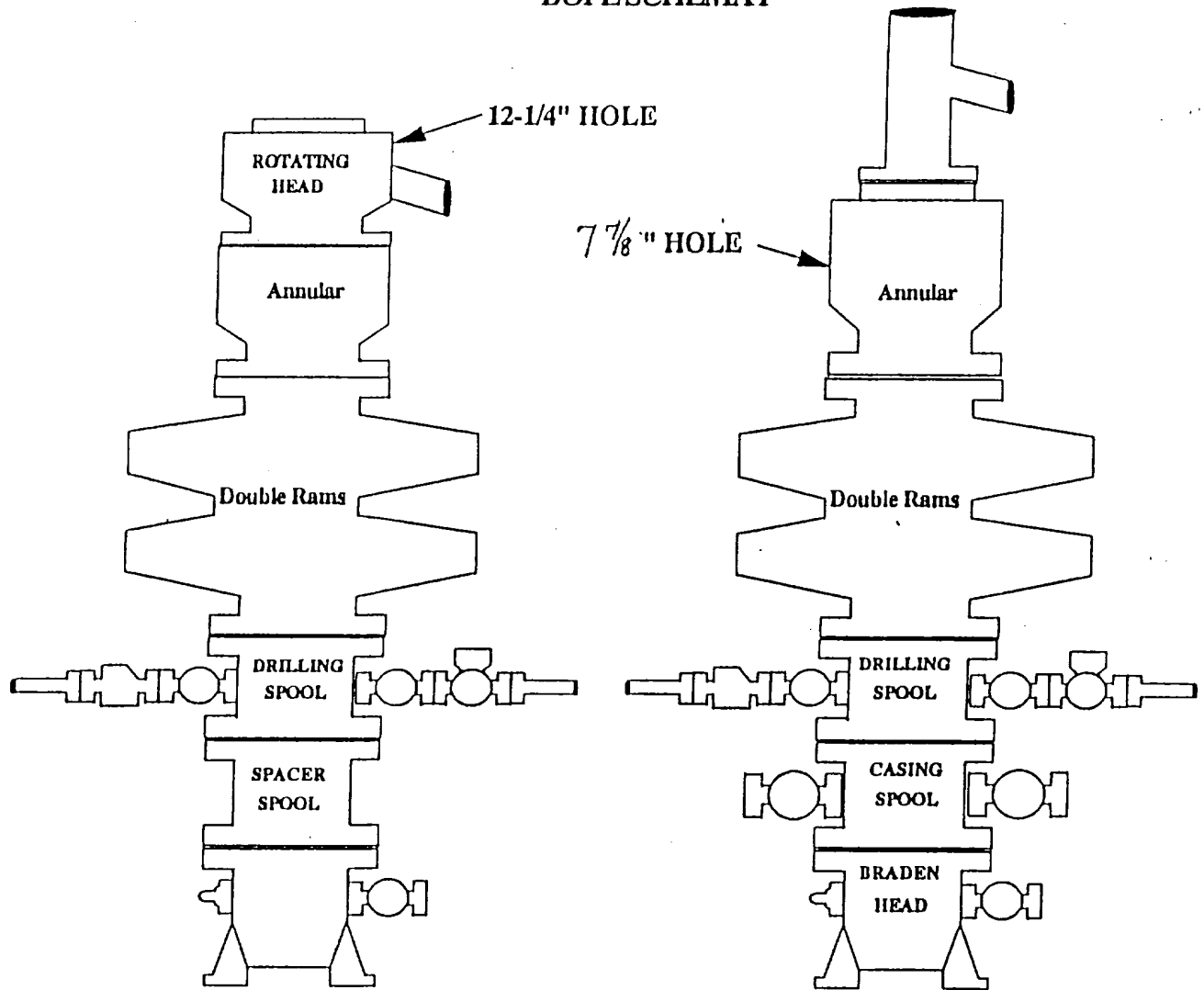
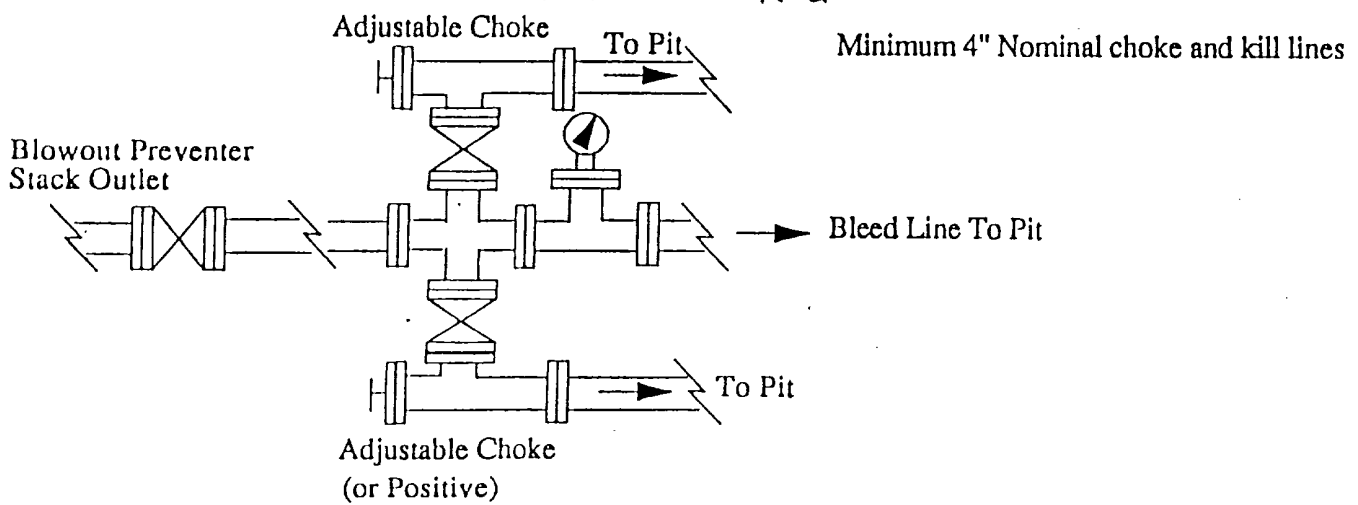


BOPE SCHEMAT



Choke Manifold Requirement (2000 psi WP)
 NO ANNULAR REQ'D



MACK ENERGY CORPORATION
 EXHIBIT #1-A

30-015-23123

David - 187940

Prop - 27079

Paul - 28509

2092210-0

2092230-C

2092250-W

6-18-80

Lidewall Kent.

Sammy Ray

Sung - 3194

Dual laterology

1483-3193