TESTING:

Hydril with all inside valves closed next to stack.

Test #22 Pressured to 200# and released air; repressured to 200# and released air. No test.

Test #23 Pressured to 2500# with loss of pressure; repressured to 2500# with <u>leak to Hydril pack-off</u>; operated under pressure and increased closing pressure; repressured to 2500# with loss of pressure; repressured to 2500# with loss of pressure; repressured to 2500# with loss of approximately 100# during first twelve minutes then leveling out for remaining one minute of test.

NO VISIBLE LEAK. PRESSURE LEVELING OUT TOWARDS APPROXIMATELY 2400#.

Waiting on rig.

TESTING:

Upper Kelly Cock with pressure applied at bottom of kelly.

Test #24 Pressured to 1000# with leak thru upper kelly cock.

TESTING:

Drill Pipe Safety Valve - loose on rig floor.

Test #25 Pressured to 200# with <u>leak thru drill pipe safety valve</u>.

Operated.

Test #26 Repeated test. Pressured to 200# with <u>same leak</u>; repressured to 200# with same <u>leak</u>.