

Rotating Head No

Kill Line Size 2" x 3000 PSI Valves 2" x 3000 PSI Check 2" x 3000 PSI

MANIFOLD

Size 2" Valves 2" Pressure 3000 PSI

Positive Choke yes Adjustable Choke yes

Hydraulic Choke no

Power Operated Valve no

See Exhibit I attached for additional detail BOP Equipment will be installed after
setting 8 5/8" surface casing. Casing and BOP equipment will be tested to 1000 PSI
prior to drilling below surface shoe

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200	Gel Lime	8.8	50	NL	
200-TD	Gel Chem	8.5	35	10 CC	Fluid loss to be controlled from 6000 to TD

Possible Sub Normal Pressured Zones none

Possible Abnormal Pressured Zones none

7) AUXILIARY EQUIPMENT

Upper Kelly Cock yes

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC Driller's option

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit _____ no _____
 Pit Volume Totalizer _____ no _____
 Flow Line Sensor _____ no _____
 Flow Line Temperature _____ no _____
 Sour Gas Detector _____ no _____
 Pump Stroke Counter _____ no _____
 Degasser _____ no _____
 Mud Gas Separator _____ no _____
 Drilling Data Unit _____ no _____
 Other _____ none _____

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be tested as drilled by conventional drill stem testing

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
6800	DIL FDC	TD to BSC Zones of interest

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
none		

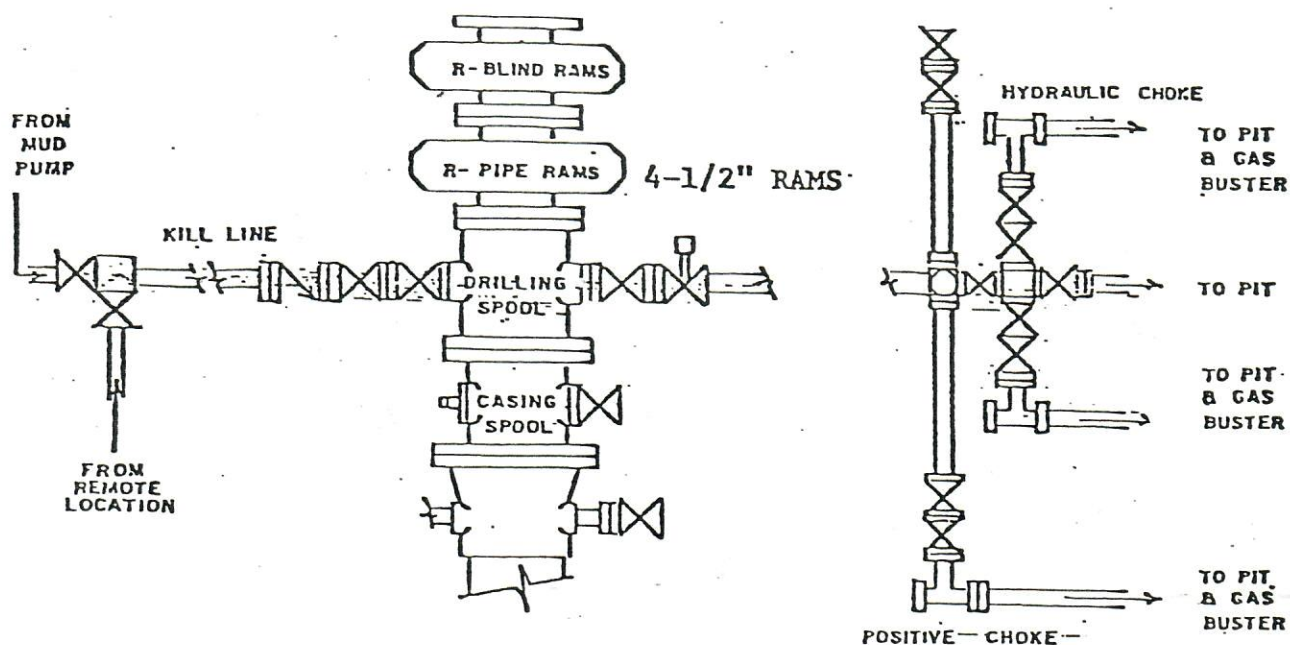
(EXHIBIT 1) 3000 psi

psi Working Pressure BOP's

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Note: Pipe rams to be operated daily, Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.