

FILL UP CONNECTION

ROTATING
BOP
2000
psi MSP

POWER ASSISTED
FLOW LINE VALVE

Flowline

Contractor to furnish
Mud Flow System
as per drawing

If required, MOC will
furnish mud separator

ANNULAR
BOP

← For emergency use only

← ALL BOPE in stack with
clearance to pass 7"
casing hanger

900

PIPE
RAMS

900

4" FE Valves
HYDRAULICALLY
OPERATED

Check

Steel
Valve

4" line
TO CHOKE MANIFOLD
(See Page 3)

900

2" Kill lines

Check

Steel
Valve

BLIND
RAMS

900

1500 btm x 900 top
X-over required

900

900

ONE BALL CHECK VALVE AND
ONE STEEL VALVE TO BE
INSTALLED ON MUD KILL LINES

BOP Stack Pressure Rating: 3000 psi MSP

RECEIVED

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. ALL PREVENTERS TO BE HYDRAULICALLY OPERATED WITH SECONDARY MANUAL CONTROLS INSTALLED PRIOR TO DRILLING OUT FROM UNDER CASING.
2. CHOKE OUTLET TO BE A MINIMUM OF 4" DIAMETER.
3. KILL LINE TO BE OF ALL STEEL CONSTRUCTION OF 2" MINIMUM DIAMETER.
4. OPENING BETWEEN RAMS TO BE FLANGED, STUDDED, OR CLAMPED.
5. ALL CONNECTIONS FROM OPERATING MANIFOLDS TO PREVENTERS TO BE ALL STEEL HOSE OR TUBE A MINIMUM OF ONE INCH IN DIAMETER.
6. THE AVAILABLE CLOSING PRESSURE SHALL BE AT LEAST 15% IN EXCESS OF THAT REQUIRED WITH SUFFICIENT VOLUME TO OPERATE THE B.O.P.'s.
7. ALL CONNECTIONS TO AND FROM PREVENTER TO HAVE A PRESSURE RATING EQUIVALENT TO THAT OF THE B.O.P.'s.
8. UPPER & LOWER KELLY COCK TO BE INSTALLED ON KELLY. USE MUD SCREEN IN LOWER VALVE.
9. INSIDE BLOWOUT PREVENTER TO BE AVAILABLE ON RIG FLOOR.
10. DUAL OPERATING CONTROLS - ONE LOCATED BY DRILLERS POSITION AND THE OTHER LOCATED A SAFE DISTANCE FROM THE RIG FLOOR.
11. KILL LINE FOR EMERGENCY USE ONLY - NOT TO BE USED FOR FILL UP.
12. STABBING VALVES FOR ALL CONNECTIONS IN DRILL STRING TO BE LOCATED ON RIG FLOOR.
13. HOLE MUST BE KEPT FILLED ON TRIPS BELOW INTERMEDIATE CASING. OPERATOR NOT RESPONSIBLE FOR BLOWOUTS RESULTING FROM NOT KEEPING HOLE FULL.