

EXHIBIT 1

MINIMUM BLOWOUT PREVENTER REQUIREMENTS

3000 psi Working Pressure

3 MWP

STACK REQUIREMENTS

| No. | Item | Min. I.D. | Min. Nominal |
|-----|---|-----------|--------------|
| 1 | Stripping head | | |
| 2 | Two single or one dual hydraulically operated rams | | |
| 3 | Tubing head W/2-2" outlets | | |
| 4 | 2" min. kill line and 3" min. choke line outlets in ram. (alternate to 3 above) | | |
| 5 | Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/> | 2" | |
| 6 | Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/> | 2" | |
| 7 | Casing head | | |
| 8 | Valve Gate <input type="checkbox"/> Plug <input type="checkbox"/> | 1-13/16" | |
| 9 | Pressure gage with needle valve | | |

OPTIONAL

| | | | |
|----|---------------|----------|--|
| 10 | Flanged valve | 1-13/16" | |
|----|---------------|----------|--|

MEC TO FURNISH

1. Bradenhead or casinghead and side valves.
2. Wear bushing, if required.

GENERAL NOTES

1. Deviations from this drawing may be made only with the express permission of MEC's Drilling manager.
2. All connections, valves, fittings, piping, etc., subject to well pump pressure must have minimum working pressure of preventers up through choke. Valves must be full opening and suitable for high pressure mud service.
3. Controls to be of standard design and each marked, showing opening and closing position.
4. All valves to be equipped with handwheels or handles ready for immediate use.
5. Choke lines must be suitably anchored.
6. Handwheels and extensions to be connected and ready for use.
7. All seamless steel control piping (3000 psi working pressure) to have flexible joints to avoid stress. Hoses will be permitted.
8. Casinghead connections shall not be used except in case of emergency.

CONFIGURATION A

