

Cimarron Energy Corporation
Cimarron "RB" Fed #1
1980' FSL 660' FWL Sec. 34
T22S, R28E, NMPM Eddy Co., N.M.

BLOWOUT PREVENTER EQUIPMENT

Surface Casing - 20"

1. One 20", 2,000 psi, annular preventer.

Intermediate Casing - 13 3/8"

1. One 12", 3,000 psi, double ram preventer.
2. One 12", 3,000 psi, annular preventer.
3. One 5,000 psi, choke manifold.
4. One 3,000 psi, drilling head and stripper.

Intermediate Casing - 9 5/8"

1. One 11", 10,000 psi, double ram preventer.
2. One 11", 10,000 psi, single ram preventer.
3. One 11", 5,000 psi, annular preventer.
4. One 11", 3,000 psi, drilling head and stripper.
5. One 4 1/16", 10,000 psi, choke manifold with two 10,000 psi hydraulic chokes.
6. One 4 1/16", 10,000 psi, manual and one 4 1/16", 10,000 psi, hydraulic valve between choke spool and choke manifold.
7. One 2 1/16", 10,000 psi, manual and one 2 1/16", 10,000 psi hydraulic valve between casing head spool and choke manifold.

Blowout preventer equipment will be hydraulically actuated with a six station, 3,000 psi accumulator with remote control station on the rig floor. Accumulator is to have sufficient capacity to close all pressure operated devices at one time and maintain a 25% reserve.

After each BOP stack is assembled, a plug will be set in the casinghead and the stack tested to rated working pressure.