

dugan production corp.

April 27, 2000

NMOCD
1000 Rio Brazos
Aztec, NM 87410

Re: Transmittal of BOP Specification – State Com 91

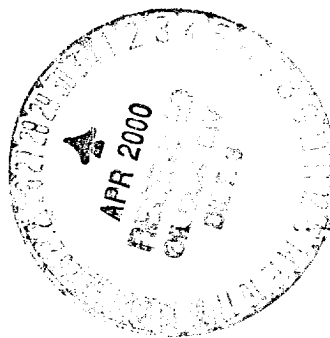
Gentlemen:

Attached is the BOP information you requested for the State Com 91.
This well is located 790' fsl & 790' fwl, 16-T.32N-R.12W on lease LG 0038 1.

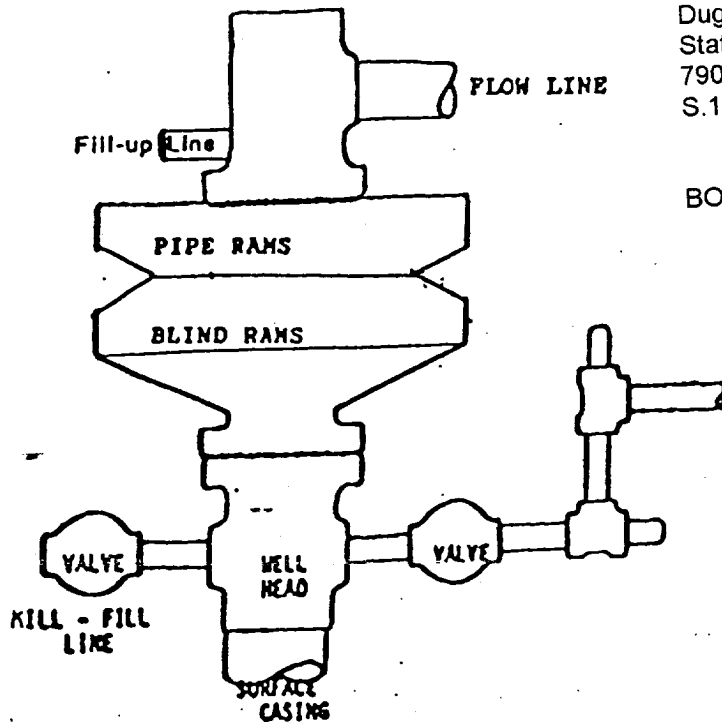
Sincerely Yours,

John Alexander
Vice President

Attachment



Dugan Production Corp.
 State Com 91
 790' fsl & 790' fwl
 S.16-T.32N-R.12W



BOP Specifications

SEE BELOW FOR SCHEMATIC
 of the CHOKE MANIFOLD

- 1) All valves 2" - 2000 psi
- 2) All lines steel 2" - 2000 psi

BOP and Related Equipment will include for a 2000 psi system:

2000 psi double ram blowout preventer

Kill line (2" minimum)

1 Kill line valve (2" minimum)

1 choke line valve

2 chokes

Upper kelly cock valve with handle available

Safety valve and subs to fit all drill string connections in use

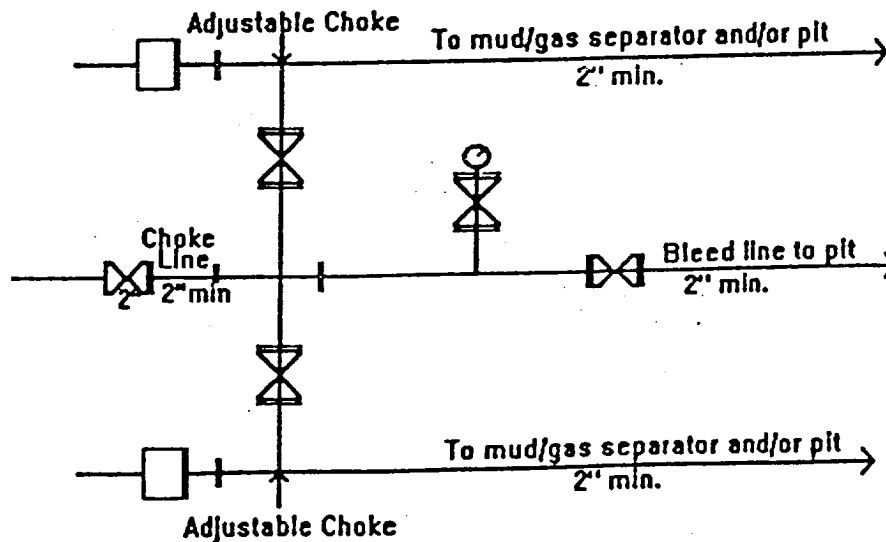
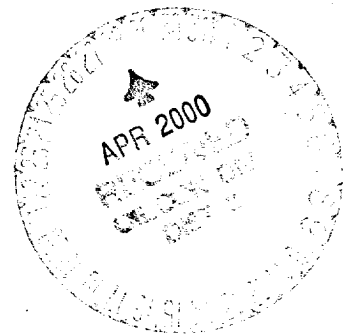
Pressure gauge one choke manifold

2" minimum choke line

Fill-up line above the uppermost preventer

BOP equipment will be tested as required in Section III A.1 of Onshore Order 2,
 plus a 30% safety factor.

Schematic of Choke Manifold



2M Choke Manifold Equipment - Configuration May Vary