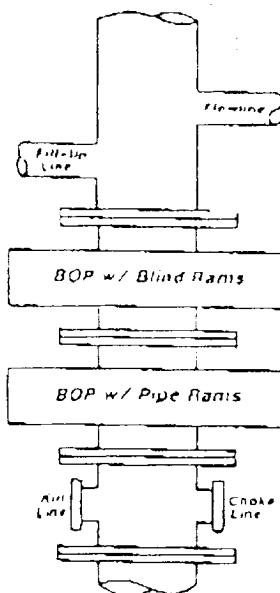
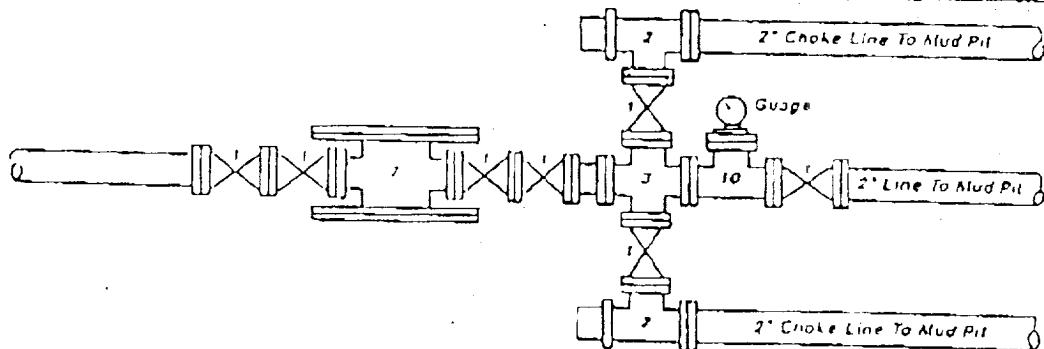


# JLOWOUT PREVENTER - 3000 psi

Rod Ric Corporation



Manzano Oil Corporation's  
Citation #1  
1650 FSL & 330 FWL  
Unit L, Sec 20, T18S, R34E  
Lea County, New Mexico



### Legend

1. 2" flanged all steel valve must be either Cameron "T" or Hamblin Low torque, or Shaffer Flu-Sesi.
2. 2" flanged adjustable chokes, min. 1" full opening & maximum w/ hard trim.
3. 4" x 2" flanged steel cross.
4. 4" flanged steel tee.
5. 2" flanged all steel valve type as in no. 1.
6. Drilling spool w/ 2" x 4" flanged steel outlet.
7. Drilling spool w/ 2" x 2" flanged outlet.
8. 2" x 2" flanged steel cross.
9. 4" pressure balanced gate valve.
10. 2" flanged tee.

### Notes

Choke manifold may be located in any convenient position. Use all steel fittings throughout. Make 90° turns with full plugged tees only. No field welding will be permitted on any of the components of the choke manifold and related equipment upstream of the chokes. The choke spool and all lines and fittings must be at least equivalent to the test pressure of the preventer required. Independent closing control unit with clearly marked controls to be located on derrick floor near driller's position.

ELF 4/6/66  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

