

ELIZANDO-FEDERAL #1 MUD PROGRAM

660' FNL, 1980' FWL Section 28, T21S, R27E
Eddy County, New Mexico

0-450'

Drill with fresh water spud mud. M.W. 8.5-9.0 PPG, Vis. 30-35 sec./qt.

450-3,100'

Drill with brine water, M.W. 9.5-10.0 PPG, Vis. 28-32 sec./qt.

3,100-9,200'

Drill with fresh water, M.W. 8.6-8.8 PPG, Vis. 28-30 sec./qt.

9,200-11,100'

Drill with brine water mud system, M.W. 10.0-10.5 PPG, Vis. 32-36 sec./qt., F.L. 10-15 cc.

11,100-11,800'

Prior to drilling Morrow, lower fluid loss to 6-9 cc.

BB/eh

JUL 20 1971