



Jackson 4-6381 • Post office box 1675 • Houston, Texas 77001

## BAROID DIVISION

*National Lead Company*

September 18, 1972

ADDRESS REPLY TO  
POST OFFICE BOX 211  
MIDLAND, TEXAS 79701

C & K Petroleum, Inc.  
607 Midland National Bank Building  
Midland, Texas 79701

Attention: Mr. G. C. Tompson

Gentlemen:

The following is our suggested mud program for your proposed re-entry in Section 31, 23-26, Eddy County, New Mexico.

Casing: 8 5/8" - 5462'

Drill cement plugs with brine water to bottom of 8 5/8".  
Check and condition mud in hole to 9600'.

Viscosity: 33 to 34 seconds with FLOSA  
Filtrate: As needed (25 to 30) with IMPERMEX

Use HY-SEAL (paper) for seepage.

9650' - 12,100' Estimated TD: Same fluid as above decreasing filtrate to 12cc to 15cc with IMPERMEX. Increase viscosity with FLOSA as needed for good hole conditions at all times to total depth. Weight: 10 ppg. Add BAROID if higher weight is needed. Suggest pretreating system with FIBERTEX before going into Devonian.

The estimated mud cost for this program is \$5000 to \$6000 unless severe loss of circulation occurs.

Service engineer for this area is Allen Bruton, Hobbs, New Mexico, telephone 505/393-8622.