

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



Midland District

April 13, 1981

Energy and Minerals Department
Oil Conservation Division
P. O. Box 1980
Hobbs, New Mexico 88240

Attn: Jerry Sexton

Dear Mr. Sexton:

SUBJECT:

Union Oil Company of California's
Federal No. 31-G
Section 31, T-19-S, R-33-E
Lea County, New Mexico

Enclosed is our Form C-122 (NMOCC Multi-Point and One-Point Back Pressure Test for Gas Wells) for the subject well. As can be seen from the CAOF of 13,879 MCF/D, this appears to be an excellent well.

Tests run on a core taken from the middle Morrow completion interval in this well indicates a high probability of permeability reduction, due to moveable fines, at high differential pressures. Therefore, we restricted our maximum flow rate on this test to 4,300 MCF/D. This flow rate resulted in a flowing wellhead pressure, which was 81 percent of the wells shut-in pressure instead of the normally required 75 percent.

In view of the potential moveable fines problem, we hope this will be satisfactory with the Commission. This well is currently shut-in waiting on a pipeline connection.

Very truly yours,

A handwritten signature in cursive script, appearing to read "L. H. Pardue".

L. H. Pardue
District Engineer

LHP:pd

Enclosures