

N. M. G. C. COPY

PENNZOIL COMPANY
O'NEILL -B- NO. 1
2300' FSL & 1980' FEL
SEC. 10, T-24-S, R-26-E
EDDY COUNTY, NEW MEXICO

DST SUMMARY

DST #1 - 11,355 - 11,519'

20 min. pre-flow, G.T.S. in 6 min - estimated 2,200 MCFPD; 1 1/2 hr. initial shut-in, 1 1/2 hr. flow period, G.T.S. in 2 min; Gas volume ranged from 6.0 MMCFPD to 8.0 MMCFPD; 3 hr. final shut-in.

Pressures: Initial shut-in 4906 psig. *
Initial flow 600 psig.
Final flow 2180 psig.
Final shut-in 4525 psig. *
Initial hydrostatic 6011 psig.
Final hydrostatic 6013 psig.

Recoveries: Drill pipe - 1800' gas cut salt water
Sample chamber - 3000 psig pressure **
15.5 cubic feet of gas, no water

*Shut-in pressures not stabilized - building.
**Partial failure of sample chamber

DST #2 - 11,532 - 11,610'

15 min. pre-flow, good blow, G.T.S. in 27 min; 1 1/2 hr. initial shut-in;
1 1/2 hr. final flow, good blow; 3 hr. final shut-in.

Pressures: Initial shut-in 5084 psig.
Initial flow 211 psig.
Final flow 1362 psig.
Final shut-in 4972 psig.
Initial hydrostatic 6005 psig.
Final hydrostatic 6036 psig.

Recoveries: Drill pipe - 300' gas cut drilling mud
1900' gas cut salt water
Sample chamber: 400 psig pressure
0.82 cubic feet of gas
1640 cc salt water

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JAN - 9 1974

**U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO**

J. C. Raney
Petroleum Engineer
January 8, 1974