OPEN FLOW TEST DATA

Date: DECEMBER 19, 1960

Operator: WESTERN NATURAL GAS CO. Lease: SCHLOSSER # 2 M

Location: 3 - 27N - 11W County: SAN JUAN State: N.M.

Formation: DAKOTA Pool: BASIN

Casing: 5½ " Set @ 6770 ' Tubing: 2 1/16 " Set @ 6549

Pay Zone: 6596 (6618) ' To: 6606 (6626) ' Total Depth: _____

Choke Size: 3/4 T C " Choke Constant = C = 12.365

Stimulation Method: _____ Flow Through: Casing _____ Tubing X

Shut-in Pressure Casing: _____ psig + 12 = _____ psia (Shut-in 3 days)

Shut-in Pressure Tubing: 2047 psig + 12 = 2059 psia

Flowing Pressure: P : 510 psig + 12 = 522 psia

Working Pressure: P_w : _____ psig + 12 = CALCULATED psia

Temperature: T : 75 °F + 460 = 535 °Absolute

F_{pv} (from tables) : 1.070 Gravity .720 n .75

Choke Volume = Q = $C \times P_t \times F_t \times F_g \times F_{pv}$

Q = $12.365 \times 522 \times .9859 \times .9129 \times 1.070$ = 6216 MCF/D

Open Flow - Aof = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$

Aof = $\left[\frac{4,239,481}{2,004,234}\right]^n$ = 1.6913

Aof = 10,513 MCF/D

Tested By: D. E. STILES

Witnessed By: _____

GEOLECTRIC, INC.

R. B. Keegan