FORM 23-75 (6-56)

DUAL COMPLETION

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE September 27, 1957

Operator: El Paso Natural Gas Company		Lease: Florance No. 6-C	
Location: 1750'S, 990'W, Sec. 30-28-8		County: San Juan	State: New Mexico
Formation: Pictured Cliffs		Pool: Undesignated	
Casing: Diameter: 7-5/8	Set At: Feet: 2296	Tubing: Diameter: 1-1/4	Set At: Feet: 2189
Pay Zone: From: 2128	To: 2182	Total Depth: 4610	
Stimulation Method: Sand Water Frac.		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: 0.750	Choke Constant: C: 12.365	5-1/2" liner. 2040 - 4605	
Shut-In Pressure, Casing, PSIG: 739	+ 12 = PSIA: 751 / Days Shut-In: 9	Shut-In Pressure, Tubing PSIG: 739	+ 12 = PSIA: 751
Flowing Pressure: P PSIG: 351	+ 12 = PSIA: 363	Working Pressure: P_w PSIG: 360	+ 12 = PSIA: 372
Temperature: T °F: 68	n = 0.85	Fpv (From Tables): 1.034	Gravity: 0.646

Initial SIPT (MV) - 1052 psig; Final - 1058 psig; 2" at 4470

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = 12.365 x 363 x .9924 x .9645 x 1.034 = 4430 MCF/D

OPEN FLOW - Aof = $Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

Aof = $\left(\frac{564,001}{425,617} \right)^n$ = $1.325^{.85}$ x 4430 = 1.270 x 4430

Aof = 5626 MCF/D

RECEIVED OCT 7 1957 OIL CON. COM. DIST. 3

TESTED BY S. V. Roberts

WITNESSED BY

E. S. Oberly (6)

L. D. Galloway

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