

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE December 22, 1959

Operator El Paso Natural Gas		Lease Huerfano Unit No. 110 (D)	
Location 1650S, 990E; 3-26-10		County San Juan	State New Mexico
Formation Dakota		Pool Undesignated	
Casing Diameter 7	Set At Feet 7096	Tubing Diameter 2	Set At Feet 6935
Pay Zone From 6791	To 6915	Total Depth 7105 c/o 7027	Shut In 12/11/59
Stimulation Method Sand Oil Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches 3" plate - 4" M.R.		Choke Constant, C Meter Const. 52.678	
Shut-In Pressure, Casing, PSIG (G) 997	PSIA 1009	Days Shut-In 11	Shut-In Pressure, Tubing, PSIG (D) 1632
Flowing Pressure, P _w , PSIG 286	PSIA 298		Working Pressure, P _w , PSIG Calc. 458
Temperature, T, °F 80	Fr .9813		Grav .734
			Fg .9066
			Fpv (From Tables) 1.0256

Initial SIPC (G) = 1009 psig

Final SIPC (G) = 1011 psig

Guib "AG" packer at 6300

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_{pv}$

Q Calculated from Orifice Meter reading

2110

MCF/D

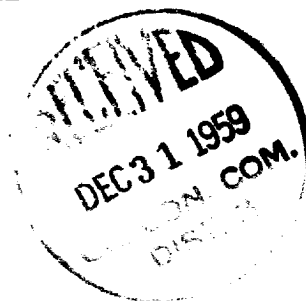
$$Q_{PI} = Q \left(\frac{P_1^2 - P_a^2}{P_2^2 - P_a^2} \right)^n$$

$$A_{or} \left(\frac{2702736}{2492972} \right)^n$$

$$1.0841^{.75} \times 2110 = 1.0624 \times 2110$$

A_{or} 2242

MCF/D



TESTED BY W. D. Dawson, S. V. Roberts, T. B. Grant

WITNESSED BY

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