

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE May 16, 1959

Operator El Paso Natural Gas		Lease Allison No. 20 (M)	
Location 1800S, 850W; 18-32-6		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing Diameter 9-5/8	Set At: Feet 3670	Tubing Diameter 2"	Set At: Feet 5774
Perforation Depth 5700	To 5742	Total Depth 8240 c/o 8196	Shut In: 5/23/59
Stimulation Sand Water Frac.		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .75	Choke Constant 12.365	7" liner 3600-7795, 5-1/2" liner 7724-8235
Shut-In Pressure, PSIG 1082 (MV)	Flowing Pressure, PSIG 246 (MV)	Shut-In Pressure, PSIG 953 (MV)
Temperature, F 78	Flowing Temperature, F 258	Working Pressure, PSIG 780 (MV)
		Flowing Pressure, PSIG 792
		Flowing Temperature, F 258
		Flowing Pressure, PSIG 792
		Flowing Temperature, F 258

Initial SIPT (Dak) = 2759 psig
Final SIPT (Dak) = 2770 psig

Packer at 7638

CHOKE VOLUME CO $Q = C \times R \times E \times F_g \times F_{pv}$

$$Q = 12.365 \times 258 \times .9831 \times .9877 \times 1.019$$

3157

MCF/D

OPEN FLOW AOF $Q = \left(\frac{1196836}{569572} \right)^n$

AOF $\left(\frac{1196836}{569572} \right)^n$

$$2.1013^{.75} \times 3157 = 1.7460 \times 3157$$

AOF 5512

MCF/D

S. V. Roberts

Fred Cook (N.M.O.C.C.)



L. D. Galloway
L. D. Galloway

[Signature]

OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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