

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE July 15, 1959

Operator El Paso Natural Gas		Lease Jicarilla No. 67-6 (P)	
Location 1700N, 990E; 19-25-5		County Rio Arriba	State New Mexico
Formation Pictured Cliffs		Pool South Blanco	
Casing Diameter 7-5/8	Set At: Feet 3598	Tubing Diameter 1-1/4	Set At: Feet 2577
Pay Zone: From 2572	To 2606	True Depth 3598 c/o 3560	Shut In: 6/22/59
Stimulation Method Sand Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .75	Choke Constant: C 12.365	Shut-In Pressure, Tubing 810	PSIG	- 12 = PSIA 822	Days Shut-In 23
Shut-In Pressure, Casing 810	PSIG	- 12 = PSIA 822	Flowing Pressure: P 72	PSIG	- 12 = PSIA 84
Flowing Pressure: P 72	PSIG	- 12 = PSIA 84	Temperature: T 57	F	n
Temperature: T 57	F	n	Flow From Tables 1.009	Gravity 1.686	

Initial SIPT (MV) = 904 psig
Final SIPT (MV) = 905 psig

Packer at 2790

$$\text{CHOKE VOLUME} = Q \cdot C \cdot P_c \cdot F_v \cdot F_g \cdot F_{pv}$$

$$Q \quad 12.365 \times 84 \times 1.0029 \times .9359 \times 1.009 \quad 984 \quad \text{MCF/D}$$

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

$$A_{of} \left(\frac{675684}{642560} \right)^n = 1.0515 \times 984 = 1.0384 \times 984$$

$$A_{of} \quad 1022 \quad \text{MCF/D}$$

TESTED BY M. W. RischardWITNESSED BY Fred Cook, N.M.O.C.C.

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OIL CONSERVATION COMMISSION

AZTEC DISTRICT OFFICE

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