

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE September 8, 1965

Operator El Paso Natural Gas Company		Lease Rincon Unit No. 126 (MV) (OWWO)	
Location 800'S, 1850'W, Sec. 27, T-27-N, R-6-W		County Rio Arriba	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7.000	Set At: Feet 7718	Tubing: Diameter 1.660	Set At: Feet 5525
Pay Zone: From 5364	To 5506	Total Depth: 7718	Shut In 8-21-65
Stimulation Method Sand Water Frac		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Packer set at 7076'	
Shut-In Pressure, Casing, (MV) 571	PSIG	12 - PSIA 583	Days Shut-In 18	Shut-In Pressure, Tubing (MV) 571	PSIG
Flowing Pressure: P 50	PSIG	12 - PSIA 62		Working Pressure: P _w 52	PSIG
Temperature: T = 61 °F				F _{pv} (From Tables) 1.011	Gravity .735
F _t .9990		.75			F _g .9035

ISIPT (DK) 1585 PSIG

FSIPT (DK) 1592 PSIG

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

$$Q = 12.365 \times 62 \times .9990 \times 1.011$$

700

MCF/D

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

$$\text{Aof } \left(\frac{339,889}{335,793} \right)^n \quad (700) (1.0121)^{.75} = (700) (1.0091) =$$

$$\text{Aof } 706 \quad \text{MCF D}$$

TESTED BY Clarence R. Wagner Calc.(TBG.)

CHECKED BY: W. D. Dawson



Lewis D. Galloway
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