

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

CORRECTED COPY

DATE June 7, 1962

Operator El Paso Natural Gas Company	Lease Indian "I" No. 1 (MV) (OWWO)
Location 980'N, 900'W, Sec. 27-28-3	County Rio Arriba
Field Mesa Verde	State New Mexico
Casing Diameter 5-1/2	Pool Blanco
Set At: Feet 6070	Tubing Diameter 2-1/16"
Ray Zone: From 5422	Set At: Feet 5986
To 6028	Total Depth: 6070
Stimulation Method Sand/Water Frac.	Shut In 5-20-62
	Flow Through Casing Flow Through Tubing X

Choke Size, Inches .750	Choke Constant: C 12.365	Baker "EGJ" Packer at 4381'
Shut-In Pressure, Casing, PSIG (PC) 1011	PSIG - 12 - PSIA 1023	Shut-In Pressure, Tubing, PSIG 1219 (MV)
Days Shut-In 18	Working Pressure: P _w Calc.	PSIG - 12 - PSIA 163
Flowing Pressure: P 49	PSIG - 12 - PSIA 61	Gravity 1.004
Temperature 57 F	F ₁ 1.0029	F _g .9463
	.75	

Initial SIPT (PC) = 7 psig

Final SIPC (PC) = 1015 psig

CHOKER VOLUME Q C x P_c x F₁ x F_g x F_{pv}

$$Q (12.365)(61)(1.0029)(.9463)(1.004)$$

719

MCF D

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

$$A_{of} = \left(\frac{1,515,361}{1,488,792} \right)^n$$

$$(1.0178)^{.75} (719) = (1.0133)(719)$$

A_{of}

729

MCF D

NOTE: Slight mist of Water.

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WITNESSED BY

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