

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE September 25, 1962

Operator El Paso Natural Gas Company		Lease Rincon No. 170	
Location 990'S, 790'W, Sec. 20-27-6		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing Diameter 4.5	Set At: Feet 7561	Tubing: Diameter 2.375	Set At: Feet 7456
Flow Zone: From 7282	To 7488	Total Depth 7561	Shut In 9-14-62
Stimulation Method Sand/Water Frac.		Flow Through Tubing X	

Drake Size, Inches .750	Drake Constant: C 12.365		
Shut-In Pressure, Casing, PSIG 1905	PSIA 1917	Days Shut-In 11	Shut-In Pressure, Tubing, PSIG 1678
Flowing Pressure: P PSIG 152	PSIA 164		Flowing Pressure: Pw PSIG 733
Temperature 71			Gravity .670
	.9896	.75	Fg .9463

DRY GAS VOLUME Q C x P_c x F_g x F_L

Q (12.365)(164)(.9896)(.9463)(1.015)



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

Aof $\left(\frac{3,674,889}{3,119,864} \right)^n$

(1,927)(1.1779)^{.75} = (1,927)(1.1308)

NOTE: Made heavy slugs of oil the first 15 minutes of test, then made heavy spray of oil throughout remainder of test.

Aof 2179 MCF D

By R. F. Headrick

Checked by W. D. Dawson

Lewis D. Galloway
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