

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 25, 1961

Operator El Paso Natural Gas Company	Lease Lindrith No. 41
Location 1840'S, 1460'W, Sec. 15, 24N-3W	County Rio Arriba State New Mexico
Property Pictured Cliffs	Owner So. Blanco PC
Flowing Casing 2-7/8" O.D. Set At Feet 3225	Tubing Diameter No Tubing Set At Feet ----
Flowing Tubing 3118 To 3186	Total Length 3231 C/O 3219 Shut-In 7-14-61
Flowing Method Sand/Water Frac.	Flow Through Tubing X

API Gravity 0.750	Shrinkage Factor 12.365	Tubingless Completion
Shrinkage Factor 855	PSIG - 12 PSIA 867 Days Shut-In 11	Shut-In Pressure, Tubing No Tubing
Flowing Pressure, P 426	PSIG - 12 PSIA 438	Working Pressure, Pw (Calc.)
Temperature 66	Flowing Pressure, P .9943	Flowing Pressure, Pw 1.042
		Gravity .655 Flowing Pressure, Pw .9571

CHECK VOLUME $Q = F_1 \times F_2 \times F_3 \times F_4 \times F_5$

$$Q = (12.365)(438)(.9943)(.9571)(1.042)$$

5370

MCF/D

$$Q = \left(\frac{P_1^2 - P_2^2}{P_1^2 - P_2^2} \right)^n$$

$$\left(\frac{751,689}{436,968} \right)^n$$

$$(1.7202)^{.85}(5370) = (1.5860)(5370)$$

8517

MCF/D

Jesse B. Goodwin

Checked by: W. D. Dawson



Lewis D. Galloway
L. D. Galloway