

El Paso Natural Gas Company

WORKED OVER WELL NOTICE

Form 23-202 (8-60)

The attached Initial Potential Test was made on this well after workover. This test signifies the completion of the workover, and the well is now ready for reconnection and production into the gathering system.

H. L. Kendrick

Sr. Geol. Engineer



EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE: September 28, 1961

Operator El Paso Natural Gas Company	Lease Gartner No. 2 (OWO)
Location NE Sec. 28-30N-8W	County San Juan
Field Mesa Verde	State New Mexico
Casing Diameter 4-1/2" O.D., 10.5 lbs.	Set At: Feet 5362
Flow Through Casing 4616	Flow Through Tubing 5178
Stimulant Sand/Water Frac.	

Flow Constant C 0.750	Baker Model "D" Pkr. at 4270 Annulus loaded w/inhibited oil
Static Pressure, Casing, PSIG 12.365	Static Pressure, Tubing, PSIG 919
Days Shut-in 23	Working Pressure, Pw, PSIG (Calc.) 463
Flow Pressure, P, PSIG 227	Flow Pressure, Pw, PSIG (Calc.) 463
Temperature, F 68	Gravity .640
Flow Factor, F ₁ .9924	Flow Factor, F ₂ .75
	Flow Factor, F ₃ 1.021
	Flow Factor, F ₄ .9682

$$Q = C \times P_1 \times F_1 \times F_2 \times F_3 \times F_4$$

$$Q = (12.365)(239)(.9924)(.9682)(1.021)$$

2899

MCF D

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

$$A = \left(\frac{866,761}{652,392} \right)^n$$

$$(1.3285)^{.75}(2899) = (1.2375)(2899)$$

A = 3588

MCF D

Jesse B. Goodwin



Checked by: W. D. Dawson

Lewis D. Galloway
L. D. Galloway