

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. Gas Engineer

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE **August 24, 1961**

Operator El Paso Natural Gas Company		Lease Thompson No. 2 (OWO)	
Location 990'S, 990'W, Sec. 34-30N-8W		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 7" O.D.	Set At: Feet 4670	Tubing: Diameter 1-1/4"	Set At: Feet 5362
Pay Zone: From 4797	To 5372	Total Depth: 5393 C/O 5380	Shut In 8-17-61
Stimulation Method Sand/Water Frac.		Flow Through Casing X	Flow Through Tubing

Choke Size, Inches 0.750"		Choke Constant: C 12.365		5391	
Shut-In Pressure, Casing, PSIG 924		PSIA 936	Days Shut-In 7	4" O.D. 11.30 lbs., Hydril F.J. Liner 4519 to	
Flowing Pressure: P, PSIG 318		PSIA 330	Working Pressure: Pw 493	Shut-In Pressure, Tubing, PSIG 924	
Temperature: 69°F		n .9915	Fpv (From Tables) 1.030	Gravity 0.647	
Ft .75		Fg .9645	Fg .9645		

CHOKE VOLUME $Q = C \times P_r \times F_t \times F_g \times F_{pv}$

$$Q = (12.365)(330)(.9915)(.9645)(1.030)$$

4019

MCF/D

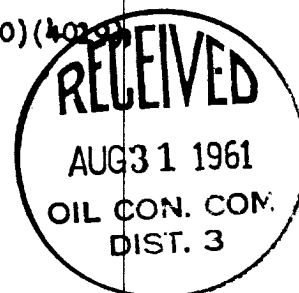
OPEN FLOW $Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$

$$Aof = \left(\frac{876,096}{621,071} \right)^n$$

$$(1.4106)^{.75} (4019) = (1.2940)(4019)$$

Aof **5201**

MCF/D



TESTED BY **Jesse B. Goodwin**

NOTE: Flow heavy fog of water during entire test.

WITNESSED BY

Checked by: W. D. Dawson

Lewis D. Galloway
L. D. Galloway