

El Paso Natural Gas Company
WORKED OVER WELL NOTICE
Form 23-202 (8-60)

CORRECTED COPY

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

CORRECTED COPY

DATE May 17, 1962

Operator El Paso Natural Gas Company	Lease Riddle No. 1-A (OWO)
Location 1650'N, 1650'E, Sec. 15-30-9	County San Juan State New Mexico
Formation Mesa Verde	Pool Blanco
Casing Diameter 4.5 Set At: Feet 5507	Tubing Diameter 2.375 Set At: Feet 5412
Flow Zone 4906 To 5464	Total Depth 5510 Shut In 5-10-62
Stimulation Method Sand/Water Frac.	Flow Through Casing X

Choke Size, inches .75	Choke Constant, C 12.365	Days Shut-In 7	Shut-In Pressure, Tubing 810	PSIG - 12 PSIA 822
Working Pressure, Pw 812	PSIG - 12 PSIA 824	Working Pressure, Pw 674	PSIG - 12 PSIA 686	Gravity .664
Flow Rate 180	PSIG - 12 PSIA 192	Flow Rate From Tables 1.016	Flow Rate From Tables .664	Fg .9535
Flow Rate 87	Fg .9750	Flow Rate .75	Flow Rate 1.016	Flow Rate .664

Flow Rate = $Q = \frac{C}{P_w - P_a} \left(\frac{P_w^2 - P_a^2}{P_w - P_a} \right)^n$

$Q = (12.365)(192)(.9750)(.9535)(1.016)$

2242

MCF/D

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

$$Q = \left(\frac{678,976}{208,380} \right)^n (2242)(3.2583)^{.75} = (2242)(2.4220)$$

Apr 5430

MCF/D

NOTE: blew heavy water spray during entire test.

W. D. Dawson

Checked by: H. L. Kendrick

Lewis D. Galloway
Lewis D. Galloway

