

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATADATE December 28, 1966

Operator EL PASO NATURAL GAS COMPANY		Lease Owens Com No. 1 (OWWO)	
Location 1100'G, 1015'W, 2-31-11		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 2.000	Set At: Feet 5220	Tubing: Diameter 2.375	Set At: Feet 5140
Pay Zone: From 435	To 5166	Total Depth: 5220	Shut In 12-21-66
Stimulation Method Sand Water Free		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750		Choke Constant: C 12.365			
Shut-In Pressure, Casing, PSIG 865	+ 12 = PSIA 877	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 865	+ 12 = PSIA 877	
Flowing Pressure: P PSIG 252	+ 12 = PSIA 264		Working Pressure: P _w PSIG 505	+ 12 = PSIA 517	
Temperature: T = 82 °F	n =		Fpv (From Tables) 1.030	Gravity .750	Fg = .8944
Ft = .9795	.75				

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

$$Q = (12.365)(252)(.9795)(.8944)(1.030) = \underline{2812} \text{ MCF/D}$$

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

$$Aof = \left(\frac{769129}{400680} \right)^{.75} = (1.9195)(2812)^{.75} = (1.6300)(2812)$$

NOTE: The well blew a light fog of distillate for the entire test.

$$Aof = \underline{4584} \text{ MCF/D}$$

TESTED BY J. B. GoodwinWITNESSED BY H. E. McAnally


H. L. Kendrick



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