

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DATE September 20, 1978

Operator El Paso Natural Gas Company		Lease San Juan 32-9 Unit #91	
Location SE 11-31-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2.875	Set At: Feet 3201'	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 3031	To 3087'	Total Depth: 3201'	Shut In 9-13-78
Stimulation Method Sandwater Frac		Flow Through Casing XXX	Flow Through Tubing

Choke Size, Inches		Choke Constant: C		Tubingless Completion	
Shut-In Pressure, Casing, 740	PSIG	+ 12 = PSIA 752	Days Shut-In 7	Shut-In Pressure, Tubing	PSIG + 12 = PSIA
Flowing Pressure: P	PSIG	+ 12 = PSIA		Working Pressure: P <sub>w</sub>	PSIG + 12 = PSIA
Temperature: T = °F F <sub>t</sub> =		n =		F <sub>pv</sub> (From Tables)	Gravity F <sub>g</sub> =

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

Q =

= \_\_\_\_\_ MCF/D

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

$$Aof = \left( \frac{\quad}{\quad} \right)^n =$$

Aof = \_\_\_\_\_ MCF/D

TESTED BY Jim Thurstonson

WITNESSED BY \_\_\_\_\_



*H. E. McNally*  
Well Test Engineer