

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

30-045-21424

DATE January 28, 1980

Operator El Paso Natural Gas Company		Lease Huerfano Unit Com #91	
Location NW 30-27-10		County San Juan	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6333	Tubing: Diameter 2 3/8	Set At: Feet 6263
Pay Zone: From 6094	To 6275	Total Depth: 6333	Shut In 1-18-80
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, 1665 PSIG	+ 12 = PSIA 1677	Days Shut-In 10	Shut-In Pressure, Tubing 1210 PSIG	+ 12 = PSIA 1222	
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

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

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

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

TESTED BY T. McAndrew

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



*C.R. Wagner*  
Well Test Engineer