

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 12-1-60

Operator El Paso Natural Gas Co.		Lease Florence D No. 1 (OMNO)	
Location 1650 S, 990 E, S 21 - T27N - R3W		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool No. Blanco	
Casing: Diameter 8.75	Set At: Feet 2260	Tubing: Diameter No tubing	Set At: Feet
Pay Zone: From 100	To 2210	Total Depth: 2260	Shut In 11-1-60
Stimulation Method None		Flow Through Casing None	Flow Through Tubing

Choke Size, Inches .750		Choke Constant: C 12.365		Completion Tubingless completion	
Shut-In Pressure, Casing, PSIG 123	+ 12 = PSIA 416	Days Shut-In 13	Shut-In Pressure, Tubing PSIG No tubing	+ 12 = PSIA	
Flowing Pressure: P PSIG 123	+ 12 = PSIA 123	Working Pressure: Pw PSIG 123	+ 12 = PSIA 123		
Temperature: T = 61 °F	n =	Fpv (From Tables) 1.013	Gravity .662	Fg =	

$$\text{CHOKE VOLUME} = Q = C \times P_i \times F_i \times F_g \times F_{pv}$$

$$Q = 12.365 \times 123 \times .9971 \times .9935 = 1.013 = 1465 \text{ MCF/D}$$

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

Note: Well blew dry gas throughout test.

$$Aof = \left(\frac{173056}{151447} \right)^n = (1.1427)^{.85} \times 1465 = 1.1203 \times 1465$$

$$Aof = 1641 \text{ MCF/D}$$

TESTED BY T. D. Norton

WITNESSED BY