

OPEN FLOW TEST DATA

DATE September 24, 1956

Operator El Paso Natural Gas Company		Lease San Jacinto # 1	
Location 1050'S, 1750'E, Sec. 17-29-10		County San Juan	State New Mexico
Formation Pictured Cliff		Fracture Aztec	
Casing Diameter 5½	Set At Feet 2108	Tubing Diameter 1¼	Set At Feet 1990
Flow Zone From 2004	To 2052	Total Depth 2108 - c/o - 2060	
Simulation Method Sand Water Frac		Flow Through Casing X	
		Flow Through Tubing	

Choke Size, in. .750	Choke Constant, C 14.1605		
Shut-In Pressure, Casing 656	PSIG 12 PSIA 668	Days Shut-In 9	Shut-In Pressure, Tubing 656
Flowing Pressure, Casing 313	PSIG 12 PSIA 325	Working Pressure, P _w 327	PSIG 12 PSIA 339
Temperature 81	Flow From Tables .85	Flow From Tables 1.026	Flow From Tables .63

CHOKE VOLUME $Q = C \times P_1 \times F_1 \times F_g \times F_v$

$$Q = 14.1605 \times 325 \times .9804 \times .9759 \times 1.026 \quad 4518 \quad \text{MCF/D}$$

$$\text{OPEN FLOW } A_{of} = \left(\frac{P_c}{P_a} \right)^n$$

$$\left(\frac{446,224}{331,303} \right)^n \quad (1.3468)^{.85} \times 4518 = 1.288 \times 4518$$

$$A_{of} = 5819 \quad \text{MCF/D}$$

TESTED BY **K. C. McBride**

WITNESSED BY



L. D. Galloway
L. D. Galloway

DISTRICT OFFICE

Transporter		
File	1	✓