

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE October 11, 1978

Operator El Paso Natural Gas Company		Lease Barnes #16	
Location SW 23-32-11		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco Ext.	
Casing: Diameter 2 7/8	Set At: Feet 3318'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3115	To 3209	Total Depth: 3318'	Shut In 10-4-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 682	+ 12 = PSIA 694	Days Shut-In 7	Shut-In Pressure, Tubing PSIG --	+ 12 = PSIA --	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

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

$$Q = \text{_____ MCF/D}$$

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

$$Aof = \left(\text{_____} \right)^n =$$

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

TESTED BY D. Wright

WITNESSED BY _____

C. R. Wagner
Well Test Engineer