

EL PASO NATURAL GAS COMPANY

OPEN FLOW TEST DATA

DATE 9-26-78

Operator El Paso Natural Gas Company		Lease S.J. 32-9 Unit Com #82	
Location SW 13-31-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2 7/8	Set At: Feet 3343'	Tubing: Diameter T/C	Set At: Feet --
Pay Zone: From 3206	To 3247	Total Depth: 3343'	Shut In 9-18-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 748	+ 12 = PSIA 760	Days Shut-In 8	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 =		

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

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 J. Thurstonson

WITNESSED BY _____



C. R. Wagner
Well Test Engineer