

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE 9-13-78

Operator El Paso Natural Gas Company		Lease S.J. 32-9 Unit #97	
Location SW 12-31-10		County San Juan	State New Mexico
Formation Pictured Cliffs		Pool Blanco	
Casing: Diameter 2.875	Set At: Feet 3301'	Tubing: Diameter No Tubing	Set At: Feet
Pay Zone: From 3157'	To 3201'	Total Depth: 3301	Shut In 9-6-78
Stimulation Method Sandwater Frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches		Choke Constant: C		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 757	+ 12 = PSIA 769	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 F _t =	n =		F _{pv} (From Tables)	Gravity F _g =	

CHOKE VOLUME = Q = C x P_t x F_t x F_g x F_{pv}

Q = _____ MCF/D

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

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

Aof = _____ MCF/D

TESTED BY J. Thurstonson
WITNESSED BY _____

[Signature]
Well Test Engineer