

Operator El Paso Natural Gas Company		Lease Hardie #2-A	
Location NW 25-29-08		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5680'	Tubing: Diameter 2 3/8	Set At: Feet 5598'
Pay Zone: From 4658'	To 5611'	Total Depth: 5680'	Shut In 11-1-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 863	+ 12 = PSIA 875	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 270	+ 12 = PSIA 282	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		Fpv (From Tables)	Gravity Fg =	

CHOKE VOLUME = Q = C x P_f x F_f 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 = $\left(\frac{\quad}{\quad} \right)^n =$

Aof = _____ MCF/D

TESTED BY N. Waggoner

WITNESSED BY _____



Well Test Engineer