

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE May 2, 1978

Operator El Paso Natural Gas Company		Lease Barrett #3-A	
Location NW 20-31-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 6004'	Tubing: Diameter 2 3/8	Set At: Feet 5691'
Pay Zone: From 5098'	To 5909'	Total Depth: 6004'	Shut In 4-24-78
Stimulation Method Sandwater Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 754	+ 12 = PSIA 766	Days Shut-In 8	Shut-In Pressure, Tubing PSIG 701	+ 12 = PSIA 713	
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 =

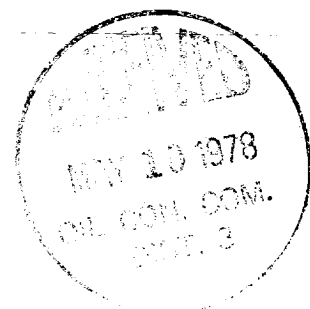
= _____ MCF/D

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

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

Aof = _____ MCF/D

Note: A packer was set @5691.0' to isolate the Lower Point Lookout formation from the rest of the MV formation, in order to production test the Lower Point Lookout formation.


TESTED BY C. R. Wagner

WITNESSED BY _____

C.R. Wagner
Well Test Engineer