

OPEN FLOW TEST DATA

DATE August 3, 1976

Operator Northwest Production		Lease Jicarilla 123 C #18	
Location NE 6-25N-4W		County Rio Arriba	State New Mexico
Formation PC		Pool So. Blanco	
Casing: Diameter 2 7/8"	Set At: Feet 3459	Tubing: Diameter --	Set At: Feet --
Pay Zone: From 3325	To 3351	Total Depth: 3459 PBD-3449	Shut In 7-27-76
Stimulation Method SW frac		Flow Through Casing XX	Flow Through Tubing

Choke Size, Inches .75		Choke Constant: C 12.365		Tubingless Completion	
Shut-In Pressure, Casing, PSIG 976	+ 12 = PSIA 988	Days Shut-In 7	Shut-In Pressure, Tubing PSIG --	+ 12 = PSIA --	
Flowing Pressure: P PSIG 76	+ 12 = PSIA 88		Working Pressure: P _w PSIG Calc.	+ 12 = PSIA 112	
Temperature: T = 74 °F	n = .85		F _{pv} (From Tables) 1.008	Gravity .670	F _g = .9463

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

$$Q = 12.365 \times 88 \times .9868 \times .9463 \times 1.008 = 1024$$

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

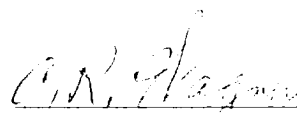
$$Aof = \left(\frac{976144}{963699} \right)^n = (1024)^{.85} \quad (1.0130 = (1024)^{.85} \quad (1.0111))$$

$$Aof = 1035 \text{ MCF/D}$$

NOTE: Well blew light fog of H₂O throughout test. Gas vented to atmosphere - was 148 MCFD.

TESTED BY C. R. Wagner

WITNESSED BY _____



Well Test Foreman

