

B & R SERVICE COMPANY OPEN FLOW TEST DATA

DATE _____

Operator LONE STAR IND. INC		Lease SCHALK 52-6 MV	
Location		County RIO ARRIBA	State NEW MEXICO
Formation MESA VERDE		Pool	
Casing: Diameter 4 1/2"	Set At: Feet 5830	Tubing: Diameter 2 3/8"	Set At: Feet 5686
Pay Zone: From 5358	To 5474	Total Depth:	Shut In
Stimulation Method		Flow Through Casing	Flow Through Tubing X

Choke Size, Inches .750	Choke Constant: C 12,365			
Shut-In Pressure, Casing, PSIG 1141	+ 12 = PSIA 1153	Days Shut-In	Shut-In Pressure, Tubing 663	PSIG + 12 = PSIA 675
Flowing Pressure: P 178	PSIG + 12 = PSIA 190		Working Pressure: Pw 668	PSIG + 12 = PSIA 680
Temperature: T = 68 °F	F _r = .9924	n = .75	F _{pv} (From Tables) 1.018	Gravity .670 F _g = .9463

CHOKE VOLUME = Q = C x P_i x F_r x F_g x F_{pv}

Q =

= 2246 MCF/D

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

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

Aof = 3098 MCF/D

TESTED BY BEAN

WITNESSED BY _____

Bill Bean