B & R SERVICE COMPANY

OPEN FLOW TEST DATA

DATE 10/17/61

Operator: SHAR ALAN OIL COMPANY		Lease: HANSON # 1	
Location: SEC. 6 23N 1W		County: RIO ARRIBA	State: NEW MEXICO
Formation: PICTURED CLIFF		Pool:	
Casing: Diameter: 4 1/2	Set At: Feet: 3400	Tubing: Diameter: 1"	Set At: Feet: 3370
Pay Zone: From: 3370	To: 3382	Total Depth:	Shut In:
Stimulation Method:		Flow Through Casing: X	Flow Through Tubing:

Choke Size, Inches: .750		Choke Constant: C: 12.365	
Shut-In Pressure, Casing, PSIG: 778	+ 12 = PSIA: 790	Days Shut-In:	Shut-In Pressure, Tubing PSIG: 779 + 12 = PSIA: 791
Flowing Pressure: P PSIG: 220	+ 12 = PSIA: 232	Working Pressure: Pw PSIG: 240	+ 12 = PSIA: 252
Temperature: T= 60 °F	Ft= 1.000	n = .85	Fpv (From Tables): 1.023
			Gravity: Est .650 Fg .9608

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

Q = 2812

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

Aof = $\left(\quad \right)^n$

Aof = 3087 MCF D

TESTED BY WILSON

WITNESSED BY Floyd Kay
Petroleum Engineer

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