

B & R SERVICE COMPANY OPEN FLOW TEST DATA

DATE 9/29/61

Operator SHAR-ALAN OIL COMPANY		Lease HARRINGTON # 3	
Location		County PID ARriba	State NEW MEXICO
Formation FLOORED CLIFF		Pipe	
Casing: Diameter 4 1/2	Set At: Feet 3100'	Tubing: Diameter 1"	Set At: Feet 3089'
Pay Zone: From 3018	To 3024	Total Depth: 3100	Shut In
Stimulation Method		Flow Through Casing	Flow Through Tubing

Choke Size, Inches 2 1/2	Choke Constant: C 12.365		
Shut-In Pressure, Casing, PSIG 835	PSIG - 12 - PSIA 847	Shut-In Pressure, Tubing, PSIG 835	PSIG - 12 - PSIA 847
Flowing Pressure: P, PSIG 340	PSIG - 12 - PSIA 352	Working Pressure: Pw, PSIG 340	PSIG - 12 - PSIA 352
Temperature: T = 65 °F	Ft. = 3018	Flow From Tables: 1.036	Gravity: .9535

CHOKE VOLUME: $Q = C \times P_r \times F_r \times F_g \times F_v$

Q

4278

MCF/D

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

$$A_{of} \left(\frac{P_c^2 - P_w^2}{P_c^2} \right)^n$$

Aof = 5220

MCF/D



TESTED BY: E. E. WILSON

WITNESSED BY: **Floyd J. Ray**
Petroleum Engineer

SHAR-ALAN OIL COMPANY
Box 1426, Durango, Colorado

By: *Richard S. Hunt*
Richard S. Hunt
Manager of Leasing and Development