

B & R SERVICE COMPANY OPEN FLOW TEST DATA

DATE 10/17/61

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

Choke Size, Inches <u>.750</u> Choke Constant: C <u>12.365</u>	Shut-In Pressure, Casing, PSIG <u>778</u> + 12 = PSIA <u>790</u>
Shut-In Pressure, Tubing, PSIG <u>750</u> + 12 = PSIA <u>762</u>	Working Pressure: Pw, PSIG <u>240</u> + 12 = PSIA <u>252</u>
Flowing Pressure: P, PSIG <u>232</u>	Flow From Test: <u>1.023</u> Gravity <u>Est .950</u> Fg <u>.9508</u>
Temperature: <u>60</u> °F Fr = 1.000 <u>.65</u>	

CHOKE VOLUME = Q = C x P_i x F_i x F_c x F_p

Q = 282

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

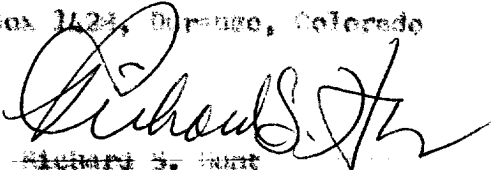
$$Aof = \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

Aof = 3087 MCF/D

TESTED BY WILSON

WITNESSED BY Floyd Jay
Petroleum Engineer

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By: 
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