

OPEN FLOW TEST DATA

DATE: June 20, 1957

Operator El Paso Natural Gas Company	Lease Nelson No. 1-A
Location 1980'N, 1978'W Sec. 9,-26-12	County San Juan State New Mexico
Field Lower Gallup	Pool Undesignated
Casing Diameter 7 5/8 Set At Feet 4014	Tubing Diameter 2" Set At Feet 5057
Flow Zone 4936	Total Depth 5150 c/o 5079
ST Molar Sand Water Frac	Flow Through Tubing X

Shut-In Pressure, P _{SI} .750	Shut-In Pressure, P _{SI} 12.365	5 1/2" liner 3938 to 5114
Flowing Pressure, P _{SI} 1268	Flowing Pressure, P _{SI} 1280	Shut-In Pressure, Tubing 1271
Flowing Pressure, P _{SI} 362	Flowing Pressure, P _{SI} 374	Working Pressure, P _{SI} 838
Temperature 77	Temperature .75	Flow Through Tubing 1.044
		Gravit .720

CHOKED VOLUME $Q = \frac{1}{2} \times P_1 \times F_1 \times P_2 \times F_2$

$$Q = 12.365 \times 374 \times .9840 \times .9129 \times 1.044$$

4337

MCF/D

OPEN FLOW $Q = \frac{1}{2} \times P_1 \times F_1 \times P_2 \times F_2$

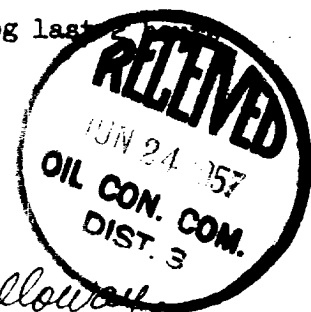
$$Q = \left(\frac{1646089}{923589} \right) \times 4337$$

$$1.7822^{.75} \times 4337 = 1.543 \times 4337$$

6692

Made heavy distillate fog last of test. No oil

K. C. McBride



L. D. Galloway

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