

OPEN FLOW TEST DATA

DATE April 5, 1957

Operator El Paso Natural Gas Company	Lease Heaton # 11
Location 1500'S, 1140'W, Sec. 33-31-11	County San Juan State New Mexico
Formation Mesa Verde	Well Blanco
Casing Diameter 5½ Set At Feet 4792	Flow Line Diameter 2 Set At Feet 4713
Play Zones From 4628 To 4670	Total Depth 4798 - c/o - 4750
Stimulation Method Sand Water Frac	Flow Through Tubing X

Choke Size, Inches 0.75	Choke Constant, C 14.1605
Shut-in Pressure, P _{si} 1010	Flowing Pressure, P _{si} 345
Flowing Pressure, P _{si} 345	Temperature, T 68
Shut-in Pressure, P _{si} 1022	Flowing Pressure, P _{si} 717
Flowing Pressure, P _{si} 357	Temperature, T .75
Shut-in Pressure, P _{si} 1010	Flowing Pressure, P _{si} 729
Flowing Pressure, P _{si} 1022	Temperature, T .662
Shut-in Pressure, P _{si} 1010	Flowing Pressure, P _{si} 1.036
Flowing Pressure, P _{si} 717	Temperature, T .662

CHOKE VOLUME $Q = C \times R \times F \times F \times F$

$$Q = 14.1605 \times 357 \times .9924 \times .9535 \times 1.036$$

4956

NOTE D

OPEN FLOW $Q = \left(\frac{P_i^2 - P_o^2}{P_o^2 - P_w^2} \right)^{.75} \times Q$

$$\left(\frac{1,044,484}{513,043} \right)^{.75}$$

$$(2.0358)^{.75} \times 4965 = 1.7045 \times 4956$$

Act 8448

NOTE D

R. A. Ullrich



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OIL CONSERVATION COMMISSION

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