

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE December 20, 1956

Operator Petro Atlas	Lease Foster # 1-A
Location NW 8-25-7 790'N, 1107'W	County Rio Arriba State New Mexico
Formation Pictured Cliff	Pool Wildcat
Tubing Diameter 5$\frac{3}{4}$ Set At Feet 2360	Tubing Diameter 1$\frac{1}{4}$ Set At Feet 2377
Day 2 Well From 2283	Total Depth 2421 - P.B. 2390
Flow Through Casing Sand Water Frac	Flow Through Tubing X

Viscosity, Centipoise 0.75	Gas Constant 14.1605	Shrinkage, % 6.7	Shrinkage, % 6.7	Shrinkage, % 6.7	Shrinkage, % 6.7
Static Pressure, PSIA 138	Static Pressure, PSIA 150	Static Pressure, PSIA 138	Static Pressure, PSIA 150	Static Pressure, PSIA 138	Static Pressure, PSIA 150
Static Pressure, PSI 52	Static Pressure, PSI .85	Static Pressure, PSI 52	Static Pressure, PSI .85	Static Pressure, PSI 52	Static Pressure, PSI .85
Static Pressure, PSI 52	Static Pressure, PSI .85	Static Pressure, PSI 52	Static Pressure, PSI .85	Static Pressure, PSI 52	Static Pressure, PSI .85

ACTUAL VOLUME = $Q \times V \times T \times P \times F \times G$
 $Q = 14.1605 \times 150 \times 1.0078 \times .9571 \times 1.014 \times 2077$ MCF/D

OPEN FLOW ACT = $\left(\frac{Q}{P} \right)^n$
 $Q = 421,201$
 $396,865$
 $(1.0613)^{.85} \times 2077 = 1.0518 \times 2077$

ACT = 2185 MCF/D

K. C. McBride



L. D. Galloway
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CONSERVATION COMMISSION

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