

EL PASO NATURAL GAS COMPANY OPEN FLOW TEST DATA

DATE August 24, 1961

Operator El Paso Natural Gas Company	Lease Huerfano No. 126
Location 1180'S, 990'E, Sec. 5-26N-9W	County San Juan State New Mexico
Region Dakota	Basin Basin
Production Meter 4-1/2" O.D.	Production Meter 2-3/8" O.D.
Set At Feet 6586	Set At Feet 6736
Flow Meter 6766	Flow Meter 6813 c/o 6780
Flow Test Date Sand/Water Frac.	Flow Test Date 8-17-61

Shut-in Pressure (PSIG) .750	Shut-in Pressure (PSIA) 12.365	Days Shut-in 7	Shut-in Pressure (PSIG) 2039	Shut-in Pressure (PSIA) 2051
Flowing Pressure (PSIG) 2054	Flowing Pressure (PSIA) 2066		Working Pressure (PSIG) 720	Working Pressure (PSIA) 732
Temperature (°F) 294	Temperature (°F) 306		Flow Line Inlet 1.029	Gravity .915
Flow Line Inlet 91	Flow Line Inlet .9715			Flow Line Inlet .9161

CHK: QOLME Q C x P₁ x E₁ x F₁ x E₂

Q (12.365)(306)(.9715)(.9161)(1.029)

3465

MCF/D

$$Q_{OLME} = Q \left(\frac{P_1}{P_2} \right)^n$$

$$Q_{OLME} = \left(\frac{4,268,356}{3,732,532} \right)^n$$

$$(3465)(1.1435)^{.75} = (3465)(1.1059)$$

Q_{OLME} 3832

MCF/D

Ron Headrick & Dannie Roberts

Calculated: W. D. Dawson

NOTE: Blew heavy spray of oil during entire test.

Lewis D. Galloway
L. D. Galloway

