

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE July 18, 1962

Operator El Paso Natural Gas Company	Lease Hancock No. 7
Location 1680'S, 1180'W, Sec. 30-28-9	County San Juan State New Mexico
Formation Dakota	Pool Basin
Tubing Diameter 4-1/2 Set At Feet 6632	Tubing Diameter 2-3/8 Set At Feet 6534
Flow Through Tubing 6303 Total Depth 6521	Flow Through Tubing 6632 c/o 6611 Shut In 7-10-62
Flow Through Tubing Sand/Water Frac.	Flow Through Tubing X

Pressure, PSIA .750	Pressure, PSIA 12.365
Shut-in Pressure, PSIA 2008	Shut-in Pressure, PSIA 2020
Working Pressure, PSIA 382	Working Pressure, PSIA 394
Flow Through Tubing 77	Flow Through Tubing .9840
Flow Through Tubing .75	Flow Through Tubing 1.038
Flow Through Tubing .670	Flow Through Tubing .9463

Flow Through Tubing = $C \times P_w \times F_g \times F_{ov}$

$$C = (12.365)(394)(.9840)(.9463)(1.038)$$

4709 MCF D

$$Q = \left(\frac{P_w}{P_o - P_w} \right)^n$$

$$\left(\frac{4,080,400}{1,351,296} \right)^n$$

$$(3.0196)^{.75}(4709) = (2.290)(4709)$$

10,784

MCF D

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