

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE January 16, 1962

Operator El Paso Natural Gas Company	Lease San Juan Unit 27-5 No. 59 (DK)
Location 990'N, 800'E, Sec. 6-27-5	County Rio Arriba State New Mexico
Formation Dakota	Basin Basin
Casing Diameter 5-1/2" O.D.	Set At Feet 7500
Flow Line Pressure 4-1/2" O.D. 7870	Flow Through Tubing 7581
Flow Through Casing 7500	Flow Through Tubing 12-20-61
Flow Through Tubing Sand/Water Frac.	Flow Through Tubing X

Flow Line Pressure 5-1/2" O.D. at 5713	Flow Through Tubing 12 PSIA
Flow Through Casing (M) 1087	Flow Through Tubing 2376
Flow Through Casing 382	Flow Through Tubing 1174
Flow Through Casing 60	Flow Through Tubing .9463
Flow Through Casing .9915	Flow Through Tubing .75
Flow Through Casing 1.041	Flow Through Tubing .670

Initial SIPT (M) = 1060 psig

Final SIPT (M) = 1096 psig

NOTE: V = M / (C * P * F * F_g * F_v)

(12.365)(394)(.9915)(.9463)(1.041)

4758

MCF D

$$Q = \left(\frac{Q_1}{P_1} \right)^n$$

$$\left(\frac{5,645,376}{4,267,100} \right)^n$$

$$(1.3230)^{.75}(4758) = (1.2338)(4758)$$



Act 5870

MCF D

NOTE: Made heavy slug of water at start of test then made spray of water throughout remainder of test.

A. F. Hendrick

Checked by W. D. Dawson

Lewis D. Galloway
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