

Initial
Deliverability Test

FORM C-122-A
EL PASO 11-1-62

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Basin Formation Dakota County Rio Arriba
Well Name San Juan 28-6 No. 117 75-145
Unit J S 10 T 28 R 6 Pay Zone 7538 To 7725 Flow String Tubing
Casing O D 4.500 I D 4.052 Set at 7742 Tubing O D 2.375 I D 1.995 L 7675 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 8-6-65 To 8-14-65 SIP Measured 5-24-65

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 2476 (j) Tubing 2461 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) p_f 476 (i) Gravity .664

G. L. = 5096 1-e^{-s} = .310 Fc 9.402 (F_cQ)² 38.279

(1-e^{-s}) (F_cQ)² = R² = 11866 P_i² = 226576 P₂² = 238442

Q = 658 (integrated) x $\left[\sqrt{\frac{(c)}{(d)}} \right] = \underline{\hspace{2cm}} = \underline{658}$

D=Q 658 x $\left[\frac{(P_c^2 - P_1^2)}{(P_c^2 - P_2^2)} \right]^n = \left[\frac{4597932}{5892134} \right]^n = \frac{(.7803)}{.8303}^n = \underline{546}$

REMARKS

New Well: First Delivered July 12, 1965.



SUMMARY

P_c = 2476
Q = 658
P_w = 488
P_d = 1238
D = 546

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title SENIOR GAS ENGINEER
Witnessed By
Company

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