

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 SJU 28-6 No. 113 73-723
Unit N S 26 T 28 R 6 Pay Zone 7642 To 7830 Flow String Tubing
Casing O D 4.500 I D 4.000 Set at 7898 Tubing O D 2.375 I D 1.995 L 7586 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 4-9-64 To 4-17-64 SIP Measured 10-30-63

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 (j) Tubing 2666 (k) (e) (f)

7 Day-Avg. Flowing Pres., psia
Chart 540 (g) Corrected 540 (h) P₁ 540 (i) Gravity .619

G. L. = 4696 1 - ϕ = .289 F_c 9.402 (F_cQ)² 64.016

(1 - ϕ) (F_cQ)² = R² = 18501 P₁² = 291600 P₂² = 310101

Q = $\frac{851}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{851}{1} = 851$

D=Q $\frac{851}{1} \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{5330667}{6797455} \right]^n = \frac{(.7842)^n}{.8333} = 709$

REMARKS

SUMMARY

P_c = 2666
Q = 851
P_w = 557
P_d = 1333
D = 709

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


