

Initial Deliverability Test

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

FORM C-122-A
 (EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Basin Formation Dakota County San Juan
 Well Name Story No. 14-C 72-968
 Unit B S 22 T 28 R 9 Pay Zone 6816 To 6950 Flow String Tubing
 Casing O D 4-1/2 Wt 11.6 Set at 7061 Tubing O D 2-3/8 Wt 4.7 L 6521 Top Perf.
 Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. _____ Period of test flow _____ SIP Measured _____
 _____ From 11-6-61 To 11-14-61 7-6-61

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 2073 (j) Tubing 2072 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
 Chart 526 (g) Corrected 526 (h) P_f 526 (i) Gravity .719

G. L. = 4976 1-e⁻⁵ = .304 (F_cQ)² = 32.570

(1-e⁻⁵) (F_cQ)² = R² = 9901 P_i² = 276676 P_w² = 286577

Q = $\frac{607}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = 607$

D = Q $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^N \right) = 515$



SUMMARY

P_c = 2072 psia Company EL PASO NATURAL GAS COMPANY
 Q = 607 MCF/D By H. L. Kendrick
 P_w = 535 psia Title Dr. Gas Engineer
 P_d = 1036 psia Witnessed By _____
 D = 515 MCF/D Company _____

