

Initial
Deliverability Test

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

Pool EASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #86 DK 75281
Unit L S 36 T 27 R 9 Pay Zone 6423 To 6577 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 6861 Tubing O D 2.375 I D 1.995 L 6525 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
50 From 02-26-66 To 03-06-66 07-19-65

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 (j) Tubing 2097 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity .550

G. L. = 4293 1-e^{-s} = .268 F_c 9.402 (F_cQ)² 136.796

(1-e^{-s}) (F_cQ)² = R² = 36661 P_i² = 276676 P₂² = 313337

Q = $\frac{1244}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 1244$

D=Q $\frac{1244}{\left[\frac{(P_i^2 - P_d^2)}{(P_i^2 - P_2^2)} \right]^n} = \frac{1244}{\left[\frac{3297008}{4084072} \right]^n} = \frac{1244}{.8516} = 1059$

REMARKS

New Well.

First Delivery 2-11-66.

SUMMARY

P_c = 2097
Q = 1244
P_w = 560
P_d = 1049
D = 1059

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H. L. KENDRICK

AREA GAS WELL TEST ENGINEER



66081

75281

1693