

Initial
Deliverability Test

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

Pool EASIN Formation DAKOTA County SJ
Well Name FLUFFANO UNIT #165 75630
Unit C_S 24 T_R 10 Pay Zone 6526 To 6652 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6745 Tubing O D 2.375 I D 1.995 L 6481 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 50 Comm. Designated P_c, psia Period Of Test Flow From 07-14-67 To 07-22-67 SIP Measured 06-07-67

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 1790 (j) Tubing 1797 (k) 0000 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 436 (g) Corrected 436 (h) P_t 436 (i) Gravity .678

G. L. = 4354 1-e^{-s} = .274 F_c 9.402 (F_cQ)² 267.028

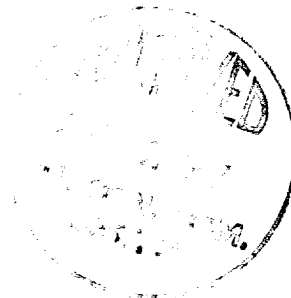
(1-e^{-s}) (F_cQ)² = R² = 73166 P_i² = 190096 P₂² = 263262

Q = $\frac{1790}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1738$

D=Q $\frac{1738}{\left[\frac{(P_i^2 - P_d)}{(P_i^2 - P_2^2)} \right]^n} = \frac{2421008}{2965947} = \frac{.8167^n}{.8557} = 1492$

REMARKS

New Well First Delivered 6-23-67.



SUMMARY

P_c = 1797
Q = 1738
P_w = 513
P_d = 899
D = 1492

Company EL PASO NATURAL GAS CO
By F.L. KENDRICK, P.E.
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

67228

75630
3015