

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANO UNIT #144 75289
Unit P S 31 T 27 R 9 Pay Zone 6732 To 6916 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 6992 Tubing O D 2.375 I D 1.995 L 6831 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 03-08-66 To 03-16-66 SIP Measured 12-14-65
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 2012 (j) Tubing 1849 (k) 0008 (e) (f)
7 Day-Avg. Flowing Pres., psia
Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity .662
G. L. = 4522 1-e^{-s} = .280 F_c 9.402 (F_cQ)² 154.256
(1-e^{-s}) (F_cQ)² = R² = 43192 P_i² = 276676 P_w² = 319868
$$Q = \frac{1321}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1321$$

$$D=Q \frac{1321}{\left[\frac{(P_i^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{3036108}{3728276}^n = \frac{(.8143)^n}{.8572} = 1132$$

REMARKS

New Well - First Delivered 2-15-66.



SUMMARY

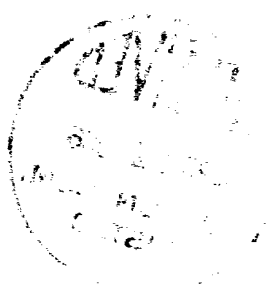
P_c = 2012
Q = 1321
P_w = 566
P_d = 1006
D = 1132

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company

66096

75289

1885



08525

1351