

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #87 DK 75272
Unit K S 1 T 26 9 Pay Zone 6288 To 6478 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 6583 Tubing O D 2.375 I D 1.995 L 6419 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 50 Period Of Test Flow From 02-18-66 To 02-26-66 SIP Measured 05-03-65
Deadweight Flowing Pressure, psia 563 (a) Tubing 2017 (b) Meter 0008 (c) Chart 0 (d)
Deadweight Shut-In Pressures, psia Casing 563 (j) Tubing 2017 (k) Meter Error 0008 (e) Friction Loss 0 (f)
7 Day-Avg. Flowing Pres., psia Chart 563 (g) Corrected 563 (h) P_t 563 (i) Gravity .668
G. L. = 4288 1-e^{-s} = .268 F_c 9.402 (F_cQ)² 144.144
(1-e^{-s}) (F_cQ)² = R² = 38631 P_t² = 316969 P_w² = 355600

$$Q = \frac{1277}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{1.0000}{1.0000} = 1277$$

$$D=Q \frac{1277}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{3050208}{3712689} = \frac{.8215}{.8629} = 1102$$

REMARKS

New Well - 1st Del. 1-31-66.

SUMMARY

P_c = 2017
Q = 1277
P_w = 596
P_d = 1009
D = 1102

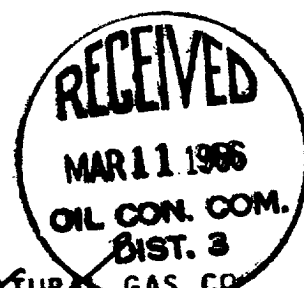
Company

By

Title

Witnessed By

Company



EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER

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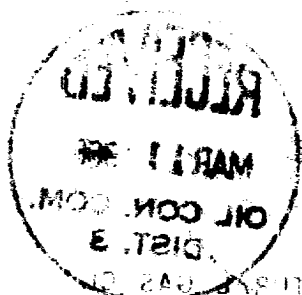
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