

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County SJ
Well Name HUERFANITO UNIT #96 75328
Unit A 22 T 27 R 9 Pay Zone 6630 To 6802 Flow String CASING
Casing O D 4.500 I D 4.052 Set at 6913 Tubing O D 2.375 I D 1.995 L 6669 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P: 50 Comm. Designated P_c, psia Period Of Test Flow From 04-21-66 To 04-29-66 SIP Measured 12-13-65
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 2079 (J) Tubing 2057 (k) 0006 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 563 (g) Corrected 563 (h) p_t 563 (i) Gravity .667
G. L. = 4422 1-e^{-s} = .275 F_c 3.861 (F_cQ)² 4.410
(1-e^{-s}) (F_cQ)² = R² = 1213 P_i² = 316969 P_w² = 318182
Q = $\frac{544}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 544$
D=Q $\frac{544}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{3240641}{4004059} = \frac{.8093}{.8533} = 464$

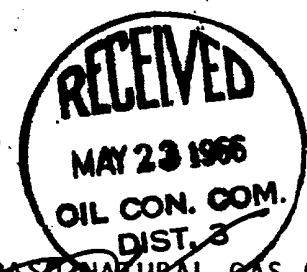
REMARKS

New Well.
First Delivered: 4-05-66.

SUMMARY

P_c = 2079
Q = 544
P_w = 564
P_d = 1040
D = 464

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



66137

75328
3195

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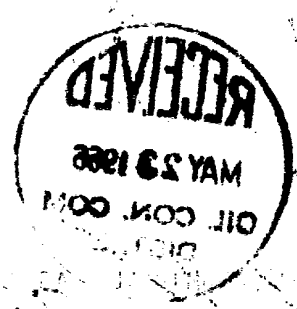
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