

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

Pool BLANCO Formation MV County SJ
Well Name HUGHES #8 70417
Unit H S 29 T 29 R 8 Pay Zone 4648 To 5306 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5441 Tubing O D 2.375 I D 1.995 L 5292 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
80 From 08-30-66 To 09-07-66 07-27-66

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) 880 Tubing (k) 778 (e) 0008 (f) 0

7 Day-Avg. Flowing Pres., psia
Chart (g) 490 Corrected (h) 490 p_f (i) 490 Gravity .686

G. L. = 3630 1-e^{-s} = .232 F_c 9.402 (F_cQ)² 108.514

(1-e^{-s}) (F_cQ)² = R² = 25175 P₁² = 240100 P₂² = 265275

Q = $\frac{1108}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1108$

D=Q $\frac{1108}{\left[\frac{(P_2^2 - P_d^2)}{(P_1^2 - P_d^2)} \right]^n} = \frac{278784}{509125} = \frac{(.5475)^n}{.6365} = 705$

REMARKS

First Delivered after OWWO 8-16-66.

SUMMARY

P_c = 880
Q = 1108
P_w = 515
P_d = 704
D = 705

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER

66258

70417

5015





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