

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

Pool SG BLANCO Formation PC County SJ
Well Name RIDDLE F #0 75471
Unit G S 32 T 28 R 8 Pay Zone 2632 To 2676 Flow String CASING
Casing O D 2.675 I D 2.441 Set at 2721 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 02-02-67 To 02-10-67 SIP Measured 08-31-66

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing 840 (J) Tubing (k) Meter Error 0.008 (e) Friction Loss 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 270 (g) Corrected 270 (h) p_f 270 (i) Gravity .639

G. L. = 1682 1-e^{-s} = .115 F_c 5.551 (F_cQ)² 4.219

(1-e^{-s}) (F_cQ)² = R² = 485 P_f² = 72900 P₂² = 73285

Q = $\frac{270}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 370$

D=Q $\frac{370}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_2^2)} \right]^n} = \left[\frac{254016}{632215} \right]^n = \frac{(.4217)^n}{.4606} = 170$

REMARKS

New Well First Delivered 12-23-66.



SUMMARY

P_c = 840
Q = 370
P_w = 271
P_d = 672
D = 170

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

67061

75471

454

