

Initial
Deliverability Test

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

Pool SAN JUAN Formation DAKOTA County SJ P
Well Name TURNER HUGHES #17 DK 75489 P
Unit H S 10 T 27 R 9 Pay Zone 6568 To 6734 Flow String TUBING P
Casing O D 5.000 I D 4.950 Set at 6811 Tubing O D 2.375 I D 1.995 L 6707 Top Perf. P
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY B

Pd: % Of P_c Comm. Designated P_c, psia Period Of Test Flow SIP Measured
50 From 02-03-67 To 02-11-67 10-21-66 P

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

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing (J) Tubing 2063 (k) 0000 (e) 0 (f) P

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .647 P

G. L. = 4339 1-e^{-s} = .271 F_c 9.402 (F_cQ)² 21.307 P

(1-e^{-s}) (F_cQ)² = R² = 5774 P₁² = 240100 P₂² = 245874 P

Q = $\frac{491}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 491$ P
B

D=Q $\frac{491}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \left[\frac{3190945}{4010095} \right]^n = \left[\frac{.7957}{.3425} \right]^n = 414$ P
B

REMARKS

New Well First Delivered 1-19-67.



SUMMARY

P_c = 2063
Q = 491
P_w = 496
P_d = 1032
D = 414

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

67061

75489 B

407 B

