

Initial Deliverability Test

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

Pool SASIN Formation DAKOTA County SJ P
Well Name TURNER HUGHES #16 75484 B
Unit H S 11 T 27 R 9 Pay Zone 6478 To 6620 Flow String TUBING P
Casing O D 4.500 I D 4.052 Set at 6722 Tubing O D 2.375 I D 1.395 L 6025 Top Perf. P
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY P

Pd: % Of Pc 50 Comm. Designated Pc, psia _____ Period Of Test Flow From 02-03-67 To 02-11-67 SIP Measurec 1-05-66 P

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

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 2084 (J) Tubing 1989 (k) 0006 (e) 0 (f) P

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .621 B

G. L. = 4114 1-e⁻⁵ = .259 F_c 9.402 (F_cQ)² 27.794 B

(1-e⁻⁵) (F_cQ)² = R² = 5386 P_i² = 240100 P₂² = 245486 P

Q = $\frac{485}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{485}{1.0000} = 485$ P

D=Q $\frac{485}{\left[\frac{(P_2^2 - P_d^2)}{(P_2^2 - P_i^2)} \right]^n} = \left[\frac{3257292}{4097570} \right]^n = \frac{(.7949)^n}{.6418} = 408$ P

REMARKS

New Well First Delivered 1-18-67.



SUMMARY

P_c = 2084 Company EL PASO NATURAL GAS CO B
Q = 485 By H.L. Kendrick B
P_w = 495 Title AREA GAS WELL TEST ENGINEER B
P_d = 1042 Witnessed By _____ B
D = 408 Company _____ P

67061

75484 P

408 P

