

Initial
Deliverability Test
Jill

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

Pool AZTEC Formation PC County SJ
Well Name LACKY B #20 75443
Unit A S 29 T 28 R 9 Pay Zone 2151 To 2188 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 2257 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc 8C Comm. Designated Pc, psia Period Of Test Flow From 11-02-66 To 11-10-66 SIP Measured 07-18-66
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 642 (j) Tubing (k) 0008 (e) C (f)
7 Day-Avg. Flowing Pres., psia
Chart 212 (g) Corrected 212 (h) P_t 212 (i) Gravity .644
G. L. = 1385 $1-e^{-s}$ = .096 F_c 5.551 $(F_c Q)^2$ 4.036

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 387 P_t^2 = 44944 P_w^2 = 45331

$$Q = \frac{362}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 362$$

$$D=Q \quad 362 \times \left[\frac{(P_t^2 - P_w^2)}{(P_t^2 - P_w^2)} \right]^n = \left[\frac{147968}{366833} \right]^n = \left(\frac{.4033}{.4622} \right)^n = 167$$

REMARKS

New Well First Delivered 10-17-66.

SUMMARY

P_c = 642
 Q = 362
 P_w = 213
 P_d = 514
 D = 167

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER



66334

75443

5578

