

Initial
Deliverability Test

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

Pool Aztec Formation Pictured Cliffs County San Juan
Well Name Lackey B No. 18 73-505
Unit D S 30 T 28 R 9 Pay Zone 2216 To 2244 Flow String Casing
Casing O D 2.875 I D 2.441 Set at 2323 Tubing O D None I D None L None Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia None Period Of Test Flow From 3-16-66 To 3-24-66 SIP Measured 8-27-65

Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing None (a) Tubing None (b) Meter None (c) Chart None (d)

Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 358 (j) Tubing 0000 (k) 0 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 211 (g) Corrected 211 (h) P_f 211 (i) Gravity .650

FRICITION NEGLIGIBLE

G. L. = None 1-e^{-s} = None F_c None (F_cQ)² None

(1-e^{-s}) (F_cQ)² = R² = None P_i² = None P₂² = Use P_i²

Q = $\frac{147}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{147}{1}$

D=Q $\frac{147}{1} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n = \left[\frac{46368}{83643} \right]^n = \frac{(.5543)}{.6055} = 89$

REMARKS



SUMMARY

P_c = 358
Q = 147
P_w = 211
P_d = 286
D = 89

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Regional Gas Well Test Engineer
Witnessed By None
Company None
