

Initial
Deliverability Test

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

FORM C-122-A
(EL PASO - 2-1-61)

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Ballard Formation Pictured Cliff County Rio Arriba

Well Name Canyon Largo No. 105 72-971

Unit C S 25 T 25 R 7 Pay Zone 2672 To 2762 Flow String Casing

Casing O D 2-7/8 Wt 6.4 Set at 2829 Tubing O D None Wt L Top Perf.

Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow SIP Measured
 From 11-1-61 To 11-8-61 7-6-61

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 568 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 221 (g) Corrected 221 (h) P_t 221 (i) Gravity .673

FRICITION NEGLEGIBLE

G. L. = $1-e^{-s}$ = $(F_c Q)^2$ =

$(1-e^{-s})(F_c Q)^2 = R^2$ = P_i^2 = P_w^2 = Use P_c^2

$Q = \frac{162}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{162}{\sqrt{\frac{(c)}{(d)}}} \right] = 162$

$D = Q \frac{162}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N} = \frac{162}{\left(\frac{241968}{273783} \right)^N} = \frac{162}{.8837 / .9004} = 146$



SUMMARY

P_c = <u>568</u> psia	Company <u>EL PASO NATURAL GAS COMPANY</u>
Q = <u>162</u> MCF/D	By <u>H. L. Kendrick</u>
P_w = <u>221</u> psia	Title <u>Sr. Gas Engineer</u>
P_d = <u>284</u> psia	Witnessed By <u> </u>
D = <u>146</u> MCF/D	Company <u> </u>

