

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 So. Blanco Formation Pictured Cliff County Rio Arriba
Well Name San Juan Unit 28-7 No. 114 73-066
Unit N S 22 T 28 R 7 Pay Zone 3481 To 3518 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 3544 Tubing O D none Wt L 3481 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow From 1-10-62 To 1-18-62 SIP Measured 9-27-61

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 977 (j) Tubing --- (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 608 (g) Corrected 608 (h) P_t 608 (i) Gravity .690

FRICITION NEGLIGIBLE

G. L. = $1-e^{-5}$ = $(F_c Q)^2$ =

$(1-e^{-5}) (F_c Q)^2 = R^2$ = P_i^2 = P_w^2 = Use P_t^2

$Q = \frac{56}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} \right] = 56$

$D = Q \frac{56}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = 1.2232 \right)^N} = 1.1865 = 66$

SUMMARY

P_c = 977 psia
 Q = 56 MCF/D
 P_w = 608 psia
 P_d = 489 psia
 D = 66 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Sr. Gas Engineer
Witnessed By
Company


