

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 No. 11-1000 Formation Pictured Cliffs County Rio Arriba
Well Name San Juan 27-5 No. 58 TB-975
Unit H S 20 T 27 R 5 Pay Zone 5392 To 5424 Flow String Gasline
Casing O D 2-7/8 Wt 6.4 Set at 3460 Tubing O D None Wt None L None 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 9-6-61

To

9-14-61

5-25-61

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 1030 (j) Tubing None (k) None (e) None (f)

7 Day Avg. Flowing Pres., psia

Chart 533 (g) Corrected 533 (h) P_t 533 (i) Gravity .640

FRUITLAND MODIFICATION

G. L. = None $1-e^{-6} =$ None $(F_c Q)^2 =$ None

$(1-e^{-6})(F_c Q)^2 = R^2 =$ None $P_t^2 =$ None $P_w^2 =$ None

$Q = \frac{142}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{142}{1.0206} \right] = 142$

$D = Q \frac{142}{1.0206} \times \left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right)^N = \frac{1.0206}{1.0206} = 145$

SUMMARY

$P_c = 1030$ psia
 $Q = 142$ MCF/D
 $P_w = 533$ psia
 $P_d = 533$ psia
 $D = 145$ MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

R. L. Kendrick
R. L. Kendrick
Sr. Gas Engineer


