

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 FLOWING, PILOTED, SURFACE, MEASUREMENT, CHART, FLOWMETER
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & DTE DOME.)

Pool Basin Formation Dakota County Rio Arriba
Well Name San Juan Unit 28-C No. 61 73-527
Unit H S 28 T 28 R 5 Pay Zone 7756 To 791.6 Flow String Tubing
Casing O D 4.500 Wt 11.6 Set at 7965 Tubing O D 2.375 Wt 6.7 L 7885 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Surplus Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From 4-30-63

To 5-8-63

5-15-63

Deadweight Flowing Pressure, psia

Flowing Pressure psia

Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressure, psia

Meter Error

Friction Loss

Casing 2210 (j) Tubing 2310 (k) (e) (f)

7 Day Avg. Flowing Press. psia

Chart 197 (g) Corrected 197 (h) P_f 197 (i) Gravity .612

G. L. = 4826 .296 $(F_c Q)^2$ 262.116

$(1-e^{-s})(F_c Q)^2 \cdot R^2$ 77586 P_w^2 247009 P_w^2 324595

$Q = \frac{1722}{(\text{integrated})} \times \left[\frac{(c)}{(d)} \right] = 1722$

$D = Q \cdot \frac{1722}{\left(\frac{P_c^2 - P_d^2}{P_w^2 - P_d^2} \right)^N} = 1154$

INITIAL DELIVERABILITY

SUMMARY

P_c 2319 psia

Q 1722 MCF/D

P_w 570 psia

P_d 1160 psia

D 1154 MCF/D

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. Kendrick
Area Gas Well Test Engineer

