

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, MESAVARDE, CHACRA, FARMINGTON
& ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Blanco Formation Mesa Verde County Rio Arriba

Well Name San Juan Unit 28-5 No. 6 70-852

Unit X S 16 T 28 R 5 Pay Zone 5300 To 5835 Flow String Tubing

Casing O D 7.0 Wt 23 Set at 5249 Tubing O D 2.375 Wt 4.7 L 5793 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 3-26-62 To 4-3-62 6-13-61

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 713 (j) Tubing 683 (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart 496 (g) Corrected 496 (h) P_t 496 (i) Gravity .685

G. L. = 3968 $1-e^{-s} =$.251 $(F_c Q)^2 =$ 4.800

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 1205 $P_t^2 =$ 246016 $P_w^2 =$ 247221

$Q = \frac{233}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{233}{233} \right] = 233$

$D = Q \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.5940 \right]^N = 1.4185 \right) = 331$

An intermitter was installed. Turned back on Production 3-4-62.

SUMMARY

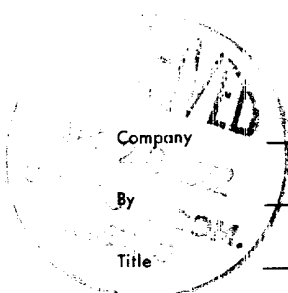
$P_c =$ 683 psia

$Q =$ 233 MCF/D

$P_w =$ 497 psia

$P_d =$ 342 psia

$D =$ 331 MCF/D



Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS COMPANY

E. L. Kendrick
Sr. Gas Engineer

