

Initial
Deliverability Test
72499

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 Alamo Formation Mesa Verde County San Juan
Well Name Dryden No. 4 72-499
Unit H S 12 T 27 R 8 Pay Zone 4952 To 5486 Flow String Tubing
Casing O D 5.500 Wt 15.50 Set at 5504 Tubing O D 2-3/8 Wt 4.7 L 5449 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 7-6-61 To 7-14-61 8-29-60

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 808 (j) Tubing 807 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 456 (g) Corrected 456 (h) P_i 456 (i) Gravity .724

FUNCTION SYMBOLS

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_i^2

$Q =$ _____ (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} = \right] =$ 94

$D = Q$ 94 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{488933}{443213} \right]^N = \frac{1.1008}{1.0740} \right) =$ 101

Installed intermitter. Turned back on production 6-22-61.

SUMMARY

$P_c =$ 807 psia
 $Q =$ 94 MCF/D
 $P_w =$ 456 psia
 $P_d =$ 404 psia
 $D =$ 101 MCF/D

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



85	85				