

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 Blanco Formation Mesa Verde County San Juan

Well Name Hewell No. 4-D (GWHO) 70-042

Unit G S 33 751 R 8 Pay Zone 4838 To 5563 Flow String Tubing

Casing O D 4-1/2 Wt 10.5 Set at 5536 Tubing O D 2-3/8 Wt 4.7 L 5439 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 11-27-61 To 12-5-61 10-11-61

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 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia

Chart (g) Corrected (h)  $P_f$  (i) Gravity .651

G. L. = 3541  $1-e^{-s} = .227$   $(F_c Q)^2 = 196.504$

$(1-e^{-s})(F_c Q)^2 = R^2 = 44606$   $P_i^2 = 271441$   $P_w^2 = 316047$

$Q = \frac{1491}{(\text{integrated})} \times \left[ \sqrt{\frac{(c)}{(d)}} \right] = 1491$

$D = Q \times \left( \left[ \frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^{1/2} \right)^N = 1.1586 = 1727$

CORRECTED COPY

SUMMARY

$P_c = 907$  psia

$Q = 1491$  MCF/D

$P_w = 562$  psia

$P_d = 454$  psia

$D = 1727$  MCF/D

Company

By

Title

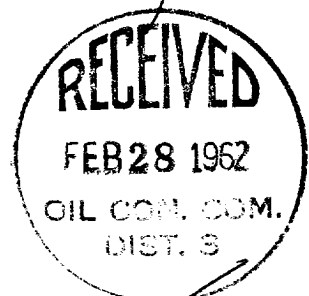
Witnessed By

Company

EL PASO NATURAL GAS COMPANY

H. L. Kendrick

Sr. Gas Engineer



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