

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET — SAN JUAN BASIN

FORM C-121-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 New Mexico 32-11 No. 1-20 86-117
Unit 0 S 20 T 32 R 11 Pay Zone 4983 To 5813 Flow String Casing
Casing O D 7 Wt 23 Set at 5006 Tubing O D 2.375 Wt 4.7 L 5834 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 6-2-62 To 6-10-62 2-1-62

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 757 (j) Tubing 763 (k) _____ (e) _____ (f)

7 Day Avg. Flowing Pres., psia _____
Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .654

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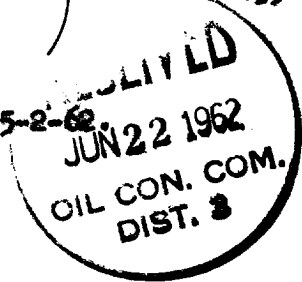
G. L. = _____ $1-e^{-s}$ = _____ $(F_c Q)^2$ = _____

$(1-e^{-s})(F_c Q)^2 = R^2 =$ _____ $P_i^2 =$ _____ $P_w^2 =$ Use P_i^2

$Q = \frac{363}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{(c)}{(d)} = \right] = 363$

$D = Q \frac{363}{\left(\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.2897 \right)^N} = \frac{1.2100}{1.2897} = 439$

An intermitter was installed. Turned back on production 5-2-62



SUMMARY

P_c = 757 psia Company EL PASO NATURAL GAS COMPANY
 Q = 363 MCF/D By H. L. Kendrick
 P_w = 490 psia Title Sr. Gas Engineer
 P_d = 719 psia Witnessed By _____
 D = 439 MCF/D Company _____

