

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 Alamogordo Formation Mesa Verde County San Juan
Well Name San Juan 30-5 No. 33 72-977
Unit A S 20 T 30 R 5 Pay Zone 5614 To 5746 Flow String Casing
Casing O D 2-7/8 Wt 6.4 Set at 5775 Tubing O D None Wt L Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. Period of test flow From 9-6-61 To 9-14-61 SIP Measured 5-26-61

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 1073 (j) Tubing (k) (e) (f)

7 Day Avg. Flowing Pres., psia
Chart 519 (g) Corrected 519 (h) P_f 519 (i) Gravity .981

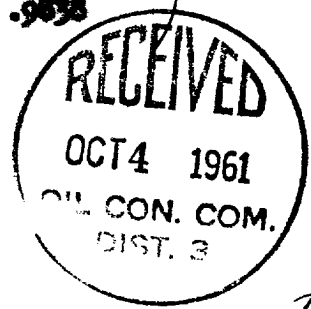
FRICTION MULTIPLIER

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

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

$Q =$ 273 (integrated) $\times \left[\sqrt{\frac{(c)}{(d)}} \right] =$ 273

$D = Q$ 273 $\times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right] = \frac{862960}{881968} \right)^N = \frac{.9784}{.9838} =$ 269



SUMMARY

P _c = <u>1073</u> psia	Company <u>EL PASO NATURAL GAS COMPANY</u>
Q = <u>273</u> MCF/D	By <u>H. L. Kendrick</u>
P _w = <u>519</u> psia	Title <u>Sr. Gas Engineer</u>
P _d = <u>537</u> psia	Witnessed By <u> </u>
D = <u>269</u> MCF/D	Company <u> </u>

CONFIDENTIAL - SECURITY INFORMATION

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DATE

EXEMPTED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION
EXEMPTION CODE: 25X(1)
EXEMPTION AUTHORITY: 1.5(1)
EXEMPTION REVIEW DATE: 12/31/2010
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