Initial Deliverability Test

FORM C-122-A
(EL PASO - 2-1-61)

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool BLANC Formation MV County RA

Well Name SJ 29-5 UNIT 449 86417

Unit M S 9 T 29 R 5 Pay Zone 5827 To 5906 Flow String CASING

Casing O D 7.000 Wt 20.00 Set at 5827 Tubing O D 2.875 Wt 6.40 L 6028 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
09-11-61	From 09-08-61	To 09-14-61	06-02-61

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 1074 (j) Tubing _____ (k) 0006 (e) 0000 (f)

7 Day Avg. Flowing Pres., psia

Chart 519 (g) Corrected 519 (h) P_t 519 (i) Gravity .639

G. L. = 3723 $1-e^{-s}$ = .237 $(F_cQ)^2$ = 539

$(1-e^{-s})(F_cQ)^2 = R^2$ = 128 P_t^2 = 269361 P_w^2 = USE PT2

$$Q = \frac{943}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000} = 1.0000\right] = 943$$

$$D = Q\ 943 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .9785\right]^N = .9838\right) = 928$$

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SUMMARY

P_c = 1074 psia

Q = 943 MCF/D

P_w = 519 psia

P_d = 537 psia

D = 928 MCF/D

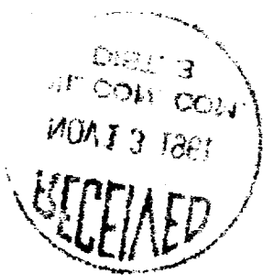
Company EL PASO NATURAL GAS COMPANY

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____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