Form C-122-A
(EL PASO)

NEW MEXICO OIL CONSERVATION COMMISSION

Initial Deliverability Test

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

72475 Pool BLANCO Lease RUSSELL No. 4

Formation MV Unit G S 24 T 28 R 08 Pay Zone 4438 to 5130 Cty. SJ

Casing - OD 5500 Wt. 1550 Set at 5179 Tubing - OD 2000 Wt. 0470 L 5079 (T. Perf.)

Operator EL PASO NATURAL GAS CO. Purchasing Pipeline EL PASO NATURAL GAS CO.

OBSERVED DATA

Period of Test Flow: From 101559 To 102259

S.I.P. Measured: 082659

Prod. String: O.D. 2.000

Deadweight Flowing Pressure, psia: Casing _____ (a) Tubing _____ (b) Meter _____ (c)

Wt. 4.70

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 1042 (k) Casing 1060 (j)

Length 5079

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 497 (g) Corrected 497 (h)

FRICTION CALCULATION

Grav. .711

P_t = 497 (i) GL = 3611 $(1-e^{-s})$ = .231

$(F_cQ)^2$ = 39917 $(1-e^{-s})(F_cQ)^2 = R^2$ = 9221 P_t^2 = 247009 P_w^2 = 256230

FLOW RATE CALCULATION

$Q = 672 \text{ (integrated)} \times \left[\sqrt{\frac{(c)}{(d)} \quad 1.0000 = 1.0000}\right] = 672$

DELIVERABILITY CALCULATION

$D = Q \quad 672 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .9816\right]^N = .9861 \quad 663$

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DIST. 3

SUMMARY

P_c = 1042

Q = 672

P_w = 506

P_d = 521

D = 663

D at 250 or 500 663

Note:
250# for P.C.
500# for M.V.

663

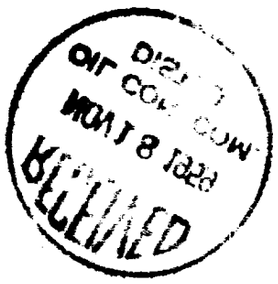
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____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