(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)

72442 Pool BLANCO Lease SAN JUAN 32 9 No. 68

Formation MV Unit M S 24 T 32 R 10 Pay Zone 5558 to 6040 Cty. SJ

Casing - OD 7625 Wt. 2640 Set at 3889 Tubing - OD 2000 Wt. 0470 L 6017 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 080759 To 081559

S.I.P. Measured: 042859

Prod. String: O.D. 2.000 Wt. 4.70 Length 6017

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

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 1032 (k) Casing 1034 (j)

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 469 (g) Corrected 469 (h)

FRICTION CALCULATION

Grav. .656 P_t = 469 (i) GL = 3947 $(1-e^{-s})$ = .249

$(F_cQ)^2$ = 90897 $(1-e^{-s})(F_cQ)^2 = R^2$ = 22633 P_t^2 = 219961 P_w^2 = 242594

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{1014} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 1014$$

DELIVERABILITY CALCULATION

$$D = Q \quad 1014 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .9712\right]^N = .9783\right) = 992$$

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SEP 28 1959
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1032

Q = 1014

P_w = 493

P_d = 516

D = 992

D at 250 or 500 976

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

976

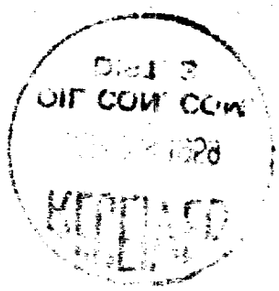
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____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