(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)

72483 Pool BLANCO Lease SAN JUAN 28 7 No. 105

Formation MV Unit N S 31 T 28 R 07 Pay Zone 4888 to 5032 Cty. RA

Casing - OD 7625 Wt. 2640 Set at 2900 Tubing - OD 2000 Wt. 0470 L 5042 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow — From 103059 To 110759 — S.I.P. Measured 080159 — Prod. String O.D. 7.625

Deadweight Flowing Pressure, psia — Casing _____ (a) Tubing _____ (b) Meter _____ (c) — Wt. 26.40

Flowing Pressure, psia — Chart _____ (d) — Deadweight Shut-in Pressure, psia — Tubing 1059 (k) Casing 1059 (j) — Length 2900

Meter Error 0 (e) — Friction Loss 0 (f) — 7 Day Avg. Flowing Pres., psia Chart 483 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. .681 P_t = 483 (i) GL = 1975 $(1-e^{-s})$ = .134

$(F_cQ)^2$ = _____ $(1-e^{-s})(F_cQ)^2 = R^2$ = _____ P_t^2 = 233289 P_w^2 = 233289

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{24} \times \left[\sqrt{\frac{(c)}{(d)}} \quad \underline{1.0000} = \underline{1.0000}\right] = 24$$

DELIVERABILITY CALCULATION

$$D = Q \quad 24 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .9463\right]^N = .9594\right) \quad 23$$

RECEIVED
DEC 7 1959
OIL CON. COM.

SUMMARY

P_c = 1059
Q = 24
P_w = 483
P_d = 530
D = 23

D at 250 or 500 23

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

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Company EL PASO NATURAL GAS CO.
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By _____
Company _____