(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)

2242 Pool BLANCO Lease SAN JUAN 32 9 No. 66

Formation MV Unit M S 10 T 32 R 09 Pay Zone 5930 to 6398 Cty. SJ

Casing - OD 5500 Wt. 1550 Set at 6485 Tubing - OD 2000 Wt 0470 L 6394 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 020759 To 021559 — S.I.P. Measured 071058 — 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 997 (k) Casing 996 (j) — Length 6394

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia: Chart 548 (g) Corrected 548 (h)

FRICTION CALCULATION

Grav. .607 P_t = 548 (i) GL = 3881 $(1-e^{-s})$ = .246

$(F_cQ)^2$ = 1149 $(1-e^{-s})(F_cQ)^2 = R^2$ = 283 P_t^2 = 300304 P_w^2 = 300587

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{114} \times \left[\sqrt{\frac{(c)}{(d)}} \quad .0000 = .0000\right] = 114$$

DELIVERABILITY CALCULATION

$$D = Q \quad 114 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.0739\right]^N = 1.0549\right) = 120$$

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OIL CON. COM.
DIST. 3

SUMMARY

P_c = 997

Q = 114

P_w = 548

P_d = 499

D = 120

D at 250 or 500 119

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

Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____