(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)

72409 Pool BLANCO Lease SAN JUAN 28 7 MV No. 96

Formation MV Unit G S 08 T 27 R 07 Pay Zone 5489 to 5659 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 5705 Tubing - OD 2000 Wt. 0470 L 5572 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 040759 To 041559

S.I.P. Measured: 012059

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 1040 (k) Casing _____ (j)

Length 5572

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 570 (g) Corrected 570 (h)

FRICTION CALCULATION

Grav. .726 P_t = 570 (i) GL = 4045 $(1-e^{-s})$ = .255

$(F_cQ)^2$ = 4674 $(1-e^{-s})(F_cQ)^2 = R^2$ = 1192 P_t^2 = 324900 P_w^2 = 326092

FLOW RATE CALCULATION

$Q = \underset{\text{(integrated)}}{230} \times \left[\sqrt{\frac{(c)}{(d)}\ .0000} = .0000\right] = 230$

DELIVERABILITY CALCULATION

$D = Q \quad 230 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.0737\right]^N\right) = 1.0547 \quad 243$

RECEIVED
MAY 4 1992
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1040

Q = 230

P_w = 571

P_d = 520

D = 243

D at 250 or 500 244

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 _____