(EL PASO)

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

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

71225 Pool BLANCO Lease SAN JUAN 28 6 No. 42

Formation MV Unit L S 34 T 28 R 06 Pay Zone 5092 to 5758 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 5790 Tubing - OD 2000 Wt. 0470 L 5686 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 012161 To 012961

S.I.P. Measured: 061460

Prod. String: O.D. 2.000 Wt. 4.70 Length 5686

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

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 744 (k) Casing _____ (j)

Meter Error: 0 (e) Friction Loss: 0 (f) 7 Day Avg. Flowing Pres., psia: Chart 563 (g) Corrected 563 (h)

FRICTION CALCULATION

Grav. .673 P_t = 563 (i) GL = 3827 $(1-e^{-s})$ = .243

$(F_cQ)^2$ = 2235 $(1-e^{-s})(F_cQ)^2 = R^2$ = 543 P_t^2 = 316969 P_w^2 = 317512

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{159} \times \left[\sqrt{\frac{(c)}{(d)} \quad 1.0000} = 1.0000\right] = 159$$

DELIVERABILITY CALCULATION

$$D = Q \quad 159 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.7549\right]^N = 1.5247\right) = 242$$

An Intermitter was Installed - Turned back on Production 11-15-60.

RECEIVED MAR 1 1961 OIL CON. COM. DIST. 3

SUMMARY

P_c = 744

Q = 159

P_w = 563

P_d = 372

D = 242

D at 250 or 500 186

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

Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK Original Signed Harold L. Kendrick

Title DIST. ENGINEER

Witnessed By _____

Company _____

An Interrupter was Installed - Turned back on Production 11-15-60