Form C-122-A
(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)

74879 Pool BALLARD Lease CANYON LARGO No. 76

Formation PC Unit H S 17 T 24 R 06 Pay Zone 2062 to 2140 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 2177 Tubing - OD 1250 Wt. 0240 L 2102 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 102259 To 103059

S.I.P. Measured: 090959

Prod. String: O.D. 1.250

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

Wt. 2.40

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 611 (k) Casing 641 (j)

Length 2102

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 215 (g) Corrected 215 (h)

FRICTION CALCULATION

Grav. .685 P_t = 215 (i) GL = 1440 $(1-e^{-s})$ = .099

$(F_cQ)^2$ = 29074 $(1-e^{-s})(F_cQ)^2 = R^2$ = 2878 P_t^2 = 46225 P_w^2 = 49103

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{219} \times \left[\sqrt{\frac{(c)}{(d)}} \quad \underline{1.0000} = \underline{1.0000}\right] = 219$$

DELIVERABILITY CALCULATION

$$D = Q \quad 219 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8626\right]^N = .8819\right) \quad 193$$

RECEIVED
DEC 7 1959
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 611

Q = 219

P_w = 222

P_d = 306

D = 193

D at 250 or 500 206

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

214

Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____