Form C-122-A
(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)

74928 Pool TAPACITO Lease SAN JUAN 27 5 12 PC No. 39

Formation PC Unit N S 12 T 27 R 05 Pay Zone 3835 to 3888 Cty. RA

Casing - OD 7625 Wt. 2640 Set at 4020 Tubing - OD 1250 Wt. 0240 L 368 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow

From 052260 To 053060

S.I.P. Measured 083169

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 1066 (k) Casing 1062 (j)

Length 3835

Meter Error 0 (e)

Friction Loss 0 (f)

7 Day Avg. Flowing Pres., psia

Chart 555 (g) Corrected 555 (h)

FRICTION CALCULATION

Grav. .675 P_t = 555 (i) GL = 2589 $(1-e^{-s})$ = .172

$(F_cQ)^2$ = 2 $(1-e^{-s})(F_cQ)^2 = R^2$ = _____ P_t^2 = 308025 P_w^2 = 308025

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{74} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 74$$

DELIVERABILITY CALCULATION

$$D = Q \quad 74 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.0317\right]^N = 1.0268\right) = 76$$

RECEIVED
JUL 5 1960
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1062

Q = 74

P_w = 555

P_d = 531

D = 76

D at 250 or 500 92

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 _____