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)

74010 Pool WEST KUTZ Lease SCHWERDTFEGER No. 10

Formation PC Unit C S 16 T 27 R 11 Pay Zone 1942 to 1988 Cty. SJ

Casing - OD 5500 Wt. 1550 Set at 1942 Tubing - OD 1000 Wt. 0170 L 1933 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 022060 To 022860

S.I.P. Measured: 060659

Prod. String: O.D. 5.500

Deadweight Flowing Pressure, psia

Casing _____ (a) Tubing _____ (b) Meter _____ (c)

Wt. 15.50

Flowing Pressure, psia

Chart _____ (d)

Deadweight Shut-in Pressure, psia

Tubing _____ (k) Casing 245 (j)

Length 1942

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 154 (g) Corrected 154 (h)

FRICTION CALCULATION

Grav. .658 P_t = 154 (i) GL = 1278 $(1-e^{-s})$ = .089

$(F_cQ)^2$ = 9 $(1-e^{-s})(F_cQ)^2 = R^2$ = 1 P_t^2 = 23716 P_w^2 = 23717

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{110} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 110$$

DELIVERABILITY CALCULATION

$$D = Q \quad 110 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.2364\right]^N = 1.1976\right) = 132$$

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APR 4 1960
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 245

Q = 110

P_w = 154

P_d = 123

D = 132

D at 250 or 500 0

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 _____

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