Form C-122-A
(EL PASO)

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)

Initial Deliverability Test

74807 Pool UNDESIGNATED Lease HUERFANO DK No. 104

Formation DAK Unit P S 17 T 26 R 10 Pay Zone 6516 to 6636 Cty. SJ

Casing - OD 5500 Wt. 1550 Set at 6741 Tubing - OD 2000 Wt. 0470 L 6605 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 050759 To 051559

S.I.P. Measured: 021259

Prod. String: O.D. 2.000

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

Prod. String: Wt. 4.70

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 1915 (k) Casing . (j)

Prod. String: Length 6605

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 483 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. .725 P_t = 483 (i) GL = 4789 $(1-e^{-s})$ = .294

$(F_cQ)^2$ = 484836 $(1-e^{-s})(F_cQ)^2 = R^2$ = 142542 P_t^2 = 233289 P_w^2 = 375831

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{2342} \times \left[\sqrt{\frac{(c)}{(d)} \quad 1.0000} = 1.0000\right] = 2342$$

DELIVERABILITY CALCULATION

$$D = Q \quad 2342 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8353\right]^N = .8737\right) = 2046$$

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JUN 23 1960
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1915

Q = 2342

P_w = 613

P_d = 958

D = 2046

D at 250 or 500 2327

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

2342

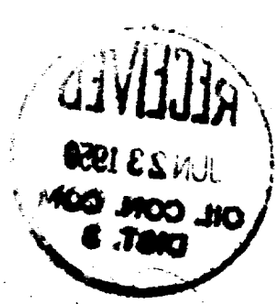
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____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