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)

72679 Pool ~~UNDESIGNATED~~ Lease SUNRAY A PC No. 1

Formation PC Unit A S 15 T 30 R 10 Pay Zone 3174 to 3203 Cty. SJ

Casing - OD 7000 Wt. 2600 Set at 4812 Tubing - OD 1250 0240 Wt. L 3176 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 112960 To 120760

S.I.P. Measured 082960

Prod. String O.D. 7.000

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

Wt. 26.00

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 969 (k) Casing 967 (j)

Length 3174

Meter Error 0 (e) Friction Loss 0 (f) 7 Day Avg. Flowing Pres., psia: Chart 235 (g) Corrected 235 (h)

FRICTION CALCULATION

Grav. .641 P_t = 235 (i) GL = 2035 $(1-e^{-s})$ = .138

$(F_cQ)^2$ = 64 $(1-e^{-s})(F_cQ)^2 = R^2$ = 9 P_t^2 = 55225 P_w^2 = 55234

FLOW RATE CALCULATION

$Q = \underset{\text{(integrated)}}{480} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 480$

DELIVERABILITY CALCULATION

$D = Q \quad 480 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .7965\right]^N = .8241\right) = 396$

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OIL CON. COM.
DIST. 3

SUMMARY

P_c = 967

Q = 480

P_w = 235

P_d = 484

D = 396

D at 250 or 500 474

Note:
250 ≠ for P.C.
500 ≠ for M.V.

475

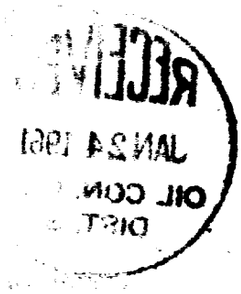
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____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