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)

72643 Pool SOUTH BLANCO Lease SAN JUAN 28 6 No. 89

Formation PC Unit O S 09 T 27 R 06 Pay Zone 3132 to 3185 Cty. RA

Casing - OD 4500 Wt. 1510 Set at 3283 Tubing - OD 1000 Wt. 0168 L 3153 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 080760 To 081560 S.I.P. Measured 061660 Prod. String O.D. 1.000

Deadweight Flowing Pressure, psia: Casing _____ (a) Tubing _____ (b) Meter _____ (c) Wt. 1.68

Flowing Pressure, psia: Chart _____ (d) Deadweight Shut-in Pressure, psia: Tubing 1093 (k) Casing 1092 (j) Length 3153

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

FRICTION CALCULATION

Grav. .676 P_t = 235 (i) GL = 2131 $(1-e^{-s})$ = .144

$(F_cQ)^2$ = 166462 $(1-e^{-s})(F_cQ)^2 = R^2$ = 23971 P_t^2 = 55225 P_w^2 = 79196

FLOW RATE CALCULATION

$Q = 256 \text{ (integrated)} \times \left[\sqrt{\frac{(c)}{(d)} \quad 1.0000 = 1.0000}\right] = 256$

DELIVERABILITY CALCULATION

$D = Q \quad 256 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8027\right]^N = .8296\right) = 212$

RECEIVED
SEP 1 1960
OIL CON. COM
DIST. 3

SUMMARY

P_c = 1093
Q = 256
P_w = 281
P_d = 547
D = 212

D at 250 or 500 253

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

255

Company EL PASO NATURAL GAS CO.
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By _____
Company _____