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)

74844 Pool BALLARD Lease CANYON LARGO No. 70

Formation PC Unit A S 31 T 25 R 06 Pay Zone 2610 to 2666 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 2707 Tubing - OD 1250 Wt. 0230 L 2622 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 073059 To 080759

S.I.P. Measured: 041559

Prod. String: O.D. 1.250

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

Wt. 2.30

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 642 (k) Casing 642 (j)

Length 2622

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 228 (g) Corrected 228 (h)

FRICTION CALCULATION

Grav. .673 P_t = 228 (i) GL = 1765 $(1-e^{-s})$ = .120

$(F_cQ)^2$ = 2802 $(1-e^{-s})(F_cQ)^2 = R^2$ = 336 P_t^2 = 51984 P_w^2 = 52320

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{68} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 68$$

DELIVERABILITY CALCULATION

$$D = Q \quad 68 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8590\right]^N = .8788\right) = 60$$

RECEIVED
AUG 27 1959
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 642

Q = 68

P_w = 229

P_d = 321

D = 60

D at 250 or 500 65

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

67

Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____

RECEIVED
AUG 27 1959
OIL CON. COM.
DIST. 3