(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)

74847 Pool BALLARD Lease CANYON LARGO No. 79

Formation PC Unit D S 21 T 25 R 07 Pay Zone 2242 to 2304 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 2342 Tubing - OD 1250 Wt. 0240 L 2262 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 080759 To 081559

S.I.P. Measured: 042159

Prod. String: O.D. 1.250

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

Wt. 2.40

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 613 (k) Casing 613 (j)

Length 2262

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 221 (g) Corrected 221 (h)

FRICTION CALCULATION

Grav. .690 P_t = 221 (i) GL = 1561 $(1-e^{-s})$ = .107

$(F_cQ)^2$ = 68030 $(1-e^{-s})(F_cQ)^2 = R^2$ = 7279 P_t^2 = 48841 P_w^2 = 56120

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{335} \times \left[\sqrt{\frac{(c)}{(d)}} \quad \underset{}{1.0000} = \underset{}{1.0000}\right] = 335$$

DELIVERABILITY CALCULATION

$$D = Q \quad 335 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8807\right]^N = .8976\right) \quad 301$$

RECEIVED
SEP 28 1959
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 613

Q = 335

P_w = 237

P_d = 307

D = 301

D at 250 or 500 318

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

329

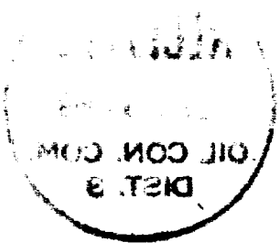
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____


OIL CON. COM.
DIST. 3