(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)

74789 Pool SOUTH BLANCO Lease JICARILLA E No. 11

Formation PC Unit K S 19 T 25 R 04 Pay Zone 3168 to 3192 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 3264 Tubing - OD 2000 Wt 0470 L 3172 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 021959 To 022759

S.I.P. Measured: 010959

Prod. String: O.D. 2.000

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

Wt. 4.70

Flowing Pressure, psia: Chart _____ (d)

Deadweight Shut-in Pressure, psia: Tubing 964 (k) Casing 978 (j)

Length 3172

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 259 (g) Corrected 259 (h)

FRICTION CALCULATION

Grav. .686 P_t = 259 (i) GL = 2176 $(1-e^{-s})$ = .146

$(F_cQ)^2$ = 105596 $(1-e^{-s})(F_cQ)^2 = R^2$ = 15417 P_t^2 = 67081 P_w^2 = 82496

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{1093} \times \left[\sqrt{\frac{(c)}{(d)}} \quad \underset{}{1.0000} = \underset{}{1.0000}\right] = 1093$$

DELIVERABILITY CALCULATION

$$D = Q \quad 1093 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = .8230\right]^N = .8474\right) = 926$$

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

SUMMARY

P_c = 964

Q = 1093

P_w = 287

P_d = 482

D = 926

D at 250 or 500 1091

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

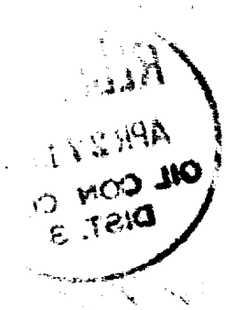
Company EL PASO NATURAL GAS CO.

By H. L. KENDRICK

Title GAS ENGINEER

Witnessed By _____

Company _____


APR 2 1
OIL CON
DIST. 3