(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)

70163 Pool ~~BLANCO MV~~ Lease ~~RIDDLE B~~ No. 2

Formation MV Unit H S 23 T 30 R 10 Pay Zone 4501 to 5282 Cty. SJ

Casing - OD 7000 Wt. 2300 Set at 4460 Tubing - OD 2000 Wt. 0470 L 4562 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 022060 To 022860

S.I.P. Measured: 041469 (5)

Prod. String: O.D. 2.000

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

Prod. String: Wt. 4.70

Flowing Pressure, psia: Chart _____ (d)

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

Prod. String: Length 4562

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 483 (g) Corrected 483 (h)

FRICTION CALCULATION

Grav. ~~.679~~ P_t = ~~483~~ (i) GL = ~~3098~~ $(1-e^{-s})$ = ~~.202~~

$(F_cQ)^2$ = ~~3534~~ $(1-e^{-s})(F_cQ)^2 = R^2$ = ~~714~~ P_t^2 = ~~233289~~ P_w^2 = ~~234003~~

FLOW RATE CALCULATION

$$Q = \underset{\text{(integrated)}}{200} \times \left[\sqrt{\frac{(c)}{(d)} \quad \text{~~1.0000~~} = \text{~~1.0000~~}}\right] = \text{~~200~~}$$

DELIVERABILITY CALCULATION

$$D = Q \quad 200 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \text{~~.9996~~}\right]^N = \text{~~.9996~~}\right) = \text{~~200~~}$$

RECEIVED
APR 4 1960
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 967

Q = 200

P_w = 484

P_d = 484

D = 200

D at 250 or 500 194 194

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 _____