(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)

Undesignated

74741 Pool ~~BLANCO~~ Lease JICARILLA C (M) No. 4

Formation MV Unit G S 16 T 25 R 04 Pay Zone 5764 to 6126 Cty. RA

Casing - OD 5500 Wt. 1550 Set at 6159 Tubing - OD 2000 Wt. 0470 L 5998 (T. Perf.)

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

OBSERVED DATA

Period of Test Flow: From 010759 To 011559

S.I.P. Measured: 090558

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 884 (k) Casing _____ (j)

Length 5998

Meter Error: 0 (e)

Friction Loss: 0 (f)

7 Day Avg. Flowing Pres., psia: Chart 476 (g) Corrected 476 (h)

FRICTION CALCULATION

Grav. .721 P_t = 476 (i) GL = 4325 $(1-e^{-s})$ = .270

$(F_cQ)^2$ = 1404 $(1-e^{-s})(F_cQ)^2 = R^2$ = 379 P_t^2 = 226576 P_w^2 = 226955

FLOW RATE CALCULATION

$Q = \underset{\text{(integrated)}}{126} \times \left[\sqrt{\frac{(c)}{(d)}} \quad 1.0000 = 1.0000\right] = 126$

DELIVERABILITY CALCULATION

$D = Q \quad 126 \times \left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = 1.0562\right]^N = 1.0418\right) = 131$

RECEIVED FEB 1 8 19 OIL CON. COM.

SUMMARY

P_c = 884

Q = 126

P_w = 476

P_d = 442

D = 131

D at 250 or 500 120

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 _____