Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-122-A (EL PASO - 2-1-61)

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

Pool Basin   Formation Dakota   County Rio Arriba

Well Name Rincon No. 170   75-369

Unit M S 20 T 27 R 6 Pay Zone 7292 To 7488 Flow String Tubing

Casing O D 4.500 Wt 10.5 Set at 7561 Tubing O D 2.375 Wt 4.7 L 7438 Top Perf.

Operator EL PASO NATURAL GAS COMPANY   Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. ______   Period of test flow From 11-21-62 To 11-29-62   SIP Measured 9-25-62

Deadweight Flowing Pressure, psia

Casing ______ (a) Tubing ______ (b)

Flowing Pressure psia

Meter ______ (c) Chart ______ (d)

Deadweight Shut-in Pressures, psia

Casing 1917 (j) Tubing 1960 (k)

Meter Error ______ (e)   Friction Loss ______ (f)

7 Day Avg. Flowing Pres., psia

Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .699

G. L. = 5199 $1-e^{-s}$ = .315 $(F_cQ)^2$ = 51.595

$(1-e^{-s})(F_cQ)^2 = R^2$ = 16252 P_t^2 = 254016 P_w^2 = 270268

Q = 764 (integrated) X $\left[\sqrt{\frac{(c)}{(d)}} = \_\_\_ = \_\_\_\right]$ = 764

D = Q 764 X $\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right.\right.$ = $\frac{2881200}{3571332}$ $\left.\left.\right]^N\right.$ = $\frac{.8067}{.8511}$ $\left.\right)$ = 650

RECEIVED DEC 14 1962 OIL CON. COM. DIST. 3

SUMMARY

P_c = 1960 psia

Q = 764 MCF/D

P_w = 520 psia

P_d = 980 psia

D = 650 MCF/D

Company EL PASO NATURAL GAS COMPANY

By

Title E. L. Kendrick, Sr. Gas Engineer

Witnessed By

Company
