Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

# GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(NM C-122-A (FORMERLY O - 2-1-61))

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

Pool So. Blanco Formation Pictured Cliffs County San Juan

Well Name G. F. Gentle No. 1-A 30-631

Unit B S 26 T 27 R 9 Pay Zone 2135 2185 Flow String Casing

Casing O D 7.00 Wt 20.0 Set At 2096 Tubing O D 1.315 Wt 1.70 L 2137 Top Perf.

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

| Date Flow Press. Meas. | Period of test flow | | SIP Measured |
|---|---|---|---|
| | 6-1-63 To | 6-9-63 | |

Deadweight Flowing Pressure — Flowing Pressure psia

Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-in Pressure — Meter Error — Friction Loss

Casing 839 (g) Tubing 295 (e) 0 (f)

7 Day Avg. Flowing Temp.

Chart 528 (a) Corrected 528 °R $F_t$ .928 (t) Gravity .65

Friction Negligible

G. L. = $(F_cQ)^2$ =

$(1-e^{-s})(F_cQ)^2$ = $P_d$ = Use Pt

$Q = \frac{31}{\text{(int. pot.)}} \times \sqrt{\quad} =$ 1

$D = Q$ 31 $\times \left( \frac{P_c^2 - P_w^2}{P_c^2 - P_d^2} \right)^n = \frac{86021}{62937}^{1.3667}$ =

# INITIAL DELIVERABILITY

SUMMARY

| | | | |
|---|---|---|---|
| $P_c$ = 839 | psia | Company | EL PASO NATURAL GAS COMPANY |
| Q = 31 | MCF/D | By | H. L. Kendrick |
| $P_w$ = 828 | psia | Title | Area Gas Well Test Engineer |
| $P_d$ = 770 | psia | Witnessed By | |
| D = 40 | MCF/D | Company | |

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