

Initial
Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County SJ
Well Name RUSSELL #5 72472
Unit G_s 25 T 28 E Pay Zone 457E To 5192 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 5266 Tubing O D 2.375 I D 1.995 L 5109 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 80 Comm. Designated P_c, psia Period Of Test Flow From 07-17-67 To 07-25-67 SIP Measured 03-10-67

Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)

Deadweight Shut-In Pressures, psia
Casing 742 (j) Tubing 724 (k) Meter Error 0000 (e) Friction Loss C (f)

7 Day-Avg. Flowing Pres., psia
Chart 490 (g) Corrected 490 (h) P_f 490 (i) Gravity .650

G. L. = 3321 1-e^{-s} = .215 F_c 9.402 (F_cQ)² 33.328

(1-e^{-s}) (F_cQ)² = R² = 7166 P_i² = 240100 P₂² = 247266

Q = $\frac{614}{(\text{integrated})}$ X $\left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 614$

D=Q $\frac{614}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} \right]^n} = \frac{197728}{303298} = \frac{.6519}{.7255} = 445$

REMARKS

Installed Gandy Adapter 6-29-67.



SUMMARY

P _c = <u>742</u>	Company <u>EL PASO NATURAL GAS CO</u>
Q = <u>614</u>	By <u>H.L. KENDRICK, P.E.</u>
P _w = <u>497</u>	Title <u>AREA GAS WELL TEST ENGINEER</u>
P _d = <u>554</u>	Witnessed By <u> </u>
D = <u>445</u>	Company <u> </u>

67228

72472

3016

