

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

Pool BLANCO Formation MV County SJ
Well Name MUDGE 23 70583
Unit M S 9 T 31 R 11 Pay Zone 4959 To 5240 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5291 Tubing O D 2.375 I D 1.995 L 5234 Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of Pc Comm. Designated Pc, psia Period Of Test Flow SIP Measured
80 From 07-13-66 To 07-21-66 06-13-66
Deadweight Flowing Pressure, psia Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)
Deadweight Shut-In Pressures, psia Meter Error Friction Loss
Casing 864 (j) Tubing 749 (k) 0008 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 504 (g) Corrected 504 (h) P_t 504 (i) Gravity .678
G. L. = 3549 $1-e^{-s}$ = .227 F_c 9.402 $(F_c Q)^2$ 51.466
 $(1-e^{-s})(F_c Q)^2 = R^2$ 11683 P_i^2 254016 P_w^2 265699

$$Q = \frac{763}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 763$$
$$D=Q \frac{763}{\left[\frac{(P_i^2 - P_w^2)}{(P_i^2 - P_w^2)} \right]^n} = \frac{269015}{480797}^n = \frac{(.5595)^n}{.6469} = 494$$

REMARKS

First Delivered after OWWO 6-28-66



SUMMARY

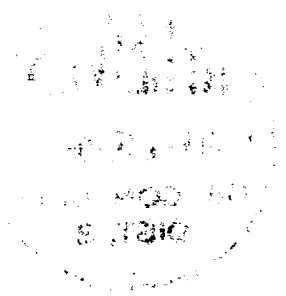
P_c = 864
 Q = 763
 P_w = 515
 P_d = 691
 D = 494

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

66220

70583

4555



THE COAST GUARD
S. 1210