

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

Pool BLANCO Formation MV County SJ
Well Name MUDGE 70523
Unit M S 11 T 31 R 11 Pay Zone 4415 To 5242 Flow String TUBING
Casing O D 4.500 I D 4.000 Set at 5219 Tubing O D 2.375 I D 1.995 L 5226 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 12-23-66 To 01-05-67 SIP Measured 11-23-66

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 0.00 (J) Tubing 839 (k) 0000 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart (g) Corrected 483 (h) P_f 483 (i) Gravity .669G. L. = 2450 1-e^{-s} = .224 F_c 9.402 (F_cQ)² 206.928(1-e^{-s}) (F_cQ)² = R² = 4.312 P₁² = 233280 P₂² = 279641

$$Q = \frac{1530}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1530$$

$$D=Q \frac{1530}{\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n} = \left[\frac{279275}{484235} \right]^n = \frac{(.5634)^n}{.5546} = 1002$$

REMARKS

First Delivered after OWWO 12-9-66.



SUMMARY

P_c = 279
Q = 1530
P_w = 279
P_d = 279
n = 1.002

Company

By

Title

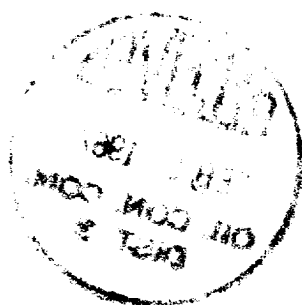
Witnessed By

Company

EL PASO NATURAL GAS CO

H.L. KENDRICK

AREA GAS WELL TEST ENGINEER



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