

Initial Test
Reliability Test

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

Pool NO. 1 EL PASO Formation DELTA County EL PASO
Well Name CHAPARRAL No. 1-2 (CHNO) 22-513
Unit S 20 T 16 R 4 Pay Zone 1 To 1 Flow String CHAPARRAL
Casing O.D. 5.000 ID 4.000 Set at FT. Tubing O.D. 2.375 ID 2.125 L 5000 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Marketing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c 00 Comm. Designated P_c, psia _____ Period Of Test Flow From 5/13/64 To 6/25/64 SIP Measured 2/20/64

Deadweight Flowing Pressure, psia _____ Flowing Pressure, psia _____
Casing _____ (c) Tubing _____ (d) Meter _____ (e) Chart _____ (f)

Deadweight Shut-In Pressures, psia _____ Meter Error _____ Friction Loss _____
Casing 100 (g) Tubing 100 (h) _____ (e) _____ (f)

7 Day-Avg. Flowing Pres., psia _____
Chart 220 (g) Corrected 220 (h) P₁ 220 (i) Gravity .600

G. L. = 2100 1-s = 100 Fc 2.000 (FcQ)² 2.000

(1-s-s) (FcQ)² = K² = 500 P₁² = 2100 P₂² = 5000

$$Q = \frac{80}{(\text{Integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} \right] = \frac{80}{1} = 80$$

$$D=Q \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{(2100^2 - 5000^2)}{(2100^2 - 5000^2)} \right]^n = \frac{(1.4570)^n}{1.0000} = 1.2$$

REMARKS

Improved performance. Worked back on production 5-25-64.



SUMMARY

P_c = 100

Q = 80

P_w = 220

P_d = 500

D = 1.2

Company EL PASO NATURAL GAS COMPANY

By H. L. Kendrick
Title SENIOR GAS ENGINEER

Witnessed By _____

Company _____