

Initial Deliverability Test

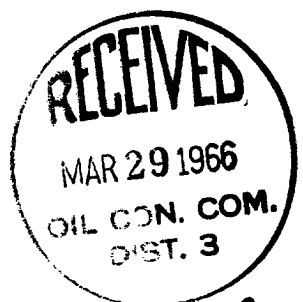
NEW MEXICO OIL CONSERVATION COMMISSION
GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool Basin Formation Dakota County Rio Arriba
Well Name San Juan 29-6 Unit No. 94 86542
Unit M S 16 T 29 R 6 Pay Zone 7682 To 7772 Flow String Tubing
Casing O D 4.500 I D 4.000 Set at 7800 Tubing O D 2.375 I D 1.995 L 7742 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c _____ Comm. Designated P_c, psia _____ Period Of Test Flow _____ SIP Measured 11-08-65
From 2-17-66 To 2-25-66
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 2505 (j) Tubing 2485 (k) 0 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia _____
Chart 526 (g) Corrected 526 (h) p_t 526 (i) Gravity .593
G. L. = 4591 1-e^{-s} = .284 F_c 9.402 (F_cQ)² 3.467
(1-e^{-s}) (F_cQ)² = R² = 985 P₁² = 276676 P₂² = 277661

$$Q = \frac{198}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.000}{1.000} \right] = 198$$
$$D=Q \frac{198}{\left[\frac{(P_2^2 - P_3^2)}{(P_2^2 - P_1^2)} \right]^n} = \left[\frac{4705016}{5997364} \right]^n = \frac{(.7845)^n}{.8338} = 165$$

REMARKS



SUMMARY

P_c = 2505
Q = 198
P_w = 527
P_d = 1253
D = 165

Company EL PASO NATURAL GAS COMPANY
By H. L. Kendrick
Title Regional Gas Well Test Engineer
Witnessed By _____
Company _____

