

Initial
Deliverability

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

Pool ELANCC Formation MV County RA
Well Name SJ 28-5 UNIT #43 72597
Unit N S 25 T 28 R 5 Pay Zone 5874 To 6000 Flow String CASING
Casing O D 2.875 I D 2.441 Set at 6065 Tubing O D NONE I D L Top Perf.
Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Pd: % Of P_c EC Comm. Designated P_c, psia EC Period Of Test Flow From 08-21-67 To 08-29-67 SIP Measured 10-28-66
Deadweight Flowing Pressure, psia
Casing (a) Tubing (b) Meter (c) Chart (d)
Deadweight Shut-In Pressures, psia
Casing 764 (j) Tubing (k) Meter Error 0008 (e) Friction Loss C (f)
7 Day-Avg. Flowing Pres., psia
Chart 491 (g) Corrected 491 (h) P_f 491 (i) Gravity .668
G. L. = 3924 1-e^{-s} = .248 F_c 5.551 (F_cQ)² .473

(1-e^{-s}) (F_cQ)² = R² = 117 P_f² = 241081 P_i² = USE PT2

Q = $\frac{124}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 124$

D=Q $\frac{124}{\left[\frac{(P_i^2 - P_f^2)}{(P_i^2 - P_f^2)} \right]^n} = \frac{210375}{342615} = \frac{(.6140)^n}{.6936} = \frac{86}{65}$

REMARKS

Installed Intermittent 7-25-67.



SUMMARY

P_c = 764
Q = 124
P_w = 491
P_d = 611
D = 86

Company EL PASO NATURAL GAS CO
By H. E. KENRICK, P.E.
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

72597

