

Deliverability Test

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

Pool BASIN Formation DAKOTA County RA
Well Name SJ 28-6 UNIT #122 86553
Unit K S 15 T 28 R 6 Pay Zone 7707 To 7889 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 7548 Tubing O D 2.375 I D 1.995 L 7893 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
50 From 03-23-67 To 03-31-67 11-30-66
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 2611 (j) Tubing 1865 (k) 0006 (e) 0 (f)
7 Day-Avg. Flowing Pres., psia
Chart 512 (g) Corrected 512 (h) P_1 512 (i) Gravity .612
G. L. = 4831 $1-e^{-s} =$.296 F_c 9.402 $(F_c Q)^2$ 35.082
 $(1-e^{-s}) (F_c Q)^2 = R^2 =$ 10384 $P_1^2 =$ 262144 $P_2^2 =$ 272528
 $Q = \frac{630}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = \frac{630}{523}$
 $D=Q \frac{630}{523} \times \left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n = \left[\frac{5111585}{6544793} \right]^n = \frac{(.7810)^n}{.8306} = 523$

REMARKS

New Well First Delivered 3-2-67.



SUMMARY

$P_c =$ 2611
 $Q =$ 630
 $P_w =$ 522
 $P_d =$ 1306
 $D =$ 523

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO

H. L. FENDER, P. E.

AREA GAS WELL TEST ENGINEER