

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

Pool BASIN Formation DAKOTA County SJ
Well Name NEWBERRY #12 DK 75467
Unit H 4 T 31 R 12 Pay Zone 6992 To 7178 Flow String TUBING
Casing O D 5.500 I D 4.950 Set at 7289 Tubing O D 2.375 I D 1.995 L 7161 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 01-07-67 To 01-15-67 11-16-66

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 (j) Tubing 1972 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 497 (g) Corrected 497 (h) P_f 497 (i) Gravity .684

G. L. = 4898 $1-e^{-s}$ = .300 F_c 9.402 $(F_c Q)^2$ 13.242

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 3973 P_1^2 = 247009 P_2^2 = 250982

$Q = \frac{387}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 387$

$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_d^2)} \right]^n = \left[\frac{2916588}{3637802} \right]^n = \left[\frac{.8017}{.8472} \right]^n = 328$

REMARKS

New Well First Delivered 1-13-67.



SUMMARY

P_c = 1972
 Q = 387
 P_w = 501
 P_d = 986
 D = 328

Company EL PASO NATURAL GAS CO
By H.L. Kendrick
Title AREA GAS WELL TEST ENGINEER
Witnessed By _____
Company _____

67039

75467

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