

Initial
Deliverability Test

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

Pool BLANCO Formation MV County SJ
Well Name NEWBERRY #12 MV 75466
Unit H 4 T 31 R 12 Pay Zone 4846 To 5086 Flow String CASING
Casing O D 5.500 I D 4.950 Set at 7161 Tubing O D 1.660 I D 1.380 5116 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
80 From 01-31-67 To 02-08-67 11-23-66

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 1016 (j) Tubing 454 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 483 (g) Corrected 483 (h) 483 (i) Gravity .691

G. L. = 3349 $1-e^{-s}$ = .216 F_c 1.257 $(F_c Q)^2$.494

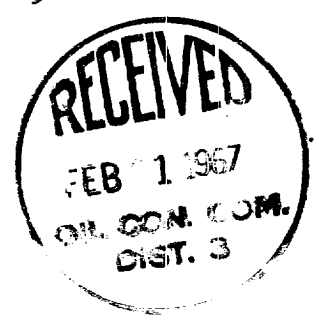
$(1-e^{-s}) (F_c Q)^2 = R^2$ = 107 P_1^2 = 233289 P_2^2 = USE PT2

$Q = \frac{559}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 559$

$D=Q \frac{559}{\left[\frac{(P_c^2 - P_w^2)}{(P_c^2 - P_w^2)} \right]^n} = \left[\frac{371287}{798967} \right]^n = \frac{.4647}{.5628} = 315$

REMARKS

New Well First Delivered 1-13-67.



SUMMARY

P_c = 1016
 Q = 559
 P_w = 483
 P_d = 813
 D = 315

Company EL PASO NATURAL GAS CO
By [Signature]
Title AREA GAS WELL TEST ENGINEER
Witnessed By
Company