

Initial
Deliverability Test

FORM C-122-A
EL PASO 8-1-65

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

Pool BEANCO Formation MV County RA
Well Name SJ 27-5 UNIT #8 MV 71448
Unit L S 32 T 27 R 5 Pay Zone 4930 To 5478 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 5525 Tubing O D 2.375 I D 1.995 L 5419 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 01-23-66 To 01-31-66 12-09-65

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 851 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 555 (g) Corrected 555 (h) P_1 555 (i) Gravity .676

G. L. = 3663 $1-e^{-s}$ = .234 F_c 9.402 $(F_c Q)^2$ 66.146

$(1-e^{-s}) (F_c Q)^2 = R^2$ = 15478 P_1^2 = 308025 P_2^2 = 323503

$Q = \frac{865}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 865$

$D=Q \frac{865}{\left[\frac{(P_1^2 - P_2^2)}{(P_1^2 - P_2^2)} \right]^n} = \frac{260440}{400698}^n = \frac{.6499}{.7238}^n = 626$

REMARKS

UNABLE TO OBTAIN 25% DRAWDOWN.

OWWO - 1st Del. 1-05-66.

SUMMARY

P_c = 851
 Q = 865
 P_w = 569
 P_d = 681
 D = 626

Company

By

Title

Witnessed By

Company

EL PASO NATURAL GAS CO
H.C. KEN RICK
AREA GAS WELL TEST ENGINEER



66048

71448

945