

Initial
Deliverability Test

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

Pool BASIN Formation DAKOTA County RA
Well Name S J 28-5 UNIT #67 75648
Unit L S 21 T 28 R 5 Pay Zone 7720 To 7922 Flow String TUBING
Casing O D 4.500 I D 4.052 Set at 8010 Tubing O D 2.375 I D 1.995 Top Perf. 7716
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 08-31-67 To 09-08-67 06-21-67

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 2596 (j) Tubing 2610 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia
Chart 470 (g) Corrected 470 (h) P_t 470 (i) Gravity .678

G. L. = 5231 $1-e^{-s}$ = .316 F_c 9.402 $(F_c Q)^2$ 102.718

$(1-e^{-s})(F_c Q)^2 = R^2$ = 32459 P_i^2 = 220900 P_i = 253359

$Q = \frac{1078}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 1078$

$D=Q \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_i^2)} \right]^n = \frac{5109075}{6558741} = \frac{.7789}{.8291} = 894$

REMARKS

New Well First Delivered 8-16-67



SUMMARY

P_c = 2610
 Q = 1078
 P_w = 503
 P_d = 1305
 D = 894

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

67259

75648

3307

44

ATKINS

11249

12049

2 1 24-2 UNIT #1

10014

1222

1220

2

1 2 1

1117

1.992

1.372

0133

4.022

4.022

EL PASO NATURAL GAS COMPANY

EL PASO NATURAL GAS CO

11-12-31

11-30-31

11-18-31

20

0

3100

0133

3222

3700

3700

3700

3700

317.301

317.301

317.301

317.301

3222

3222

3222

1073

1073

1073

1073

1073

1073
1222

1073
1222

1073



10-21-31

EL PASO NATURAL GAS CO

1073

1073

1073

1073

1073

AREA GAS WELL TEST ENGINEER
F.L. KENNEDY, F.E.

1222

1222

1222