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 BASIN Formation DAKOTA County RA

Well Name SJ 28-6 UNIT 109 73376

Unit B S 1 T 27 R 6 Pay Zone 7514 To 7704 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 7775 Tubing O D 2.375 I D 1.995 L 7630 Top Perf.

Operator EL PASO NATURAL GAS CO Purchasing Pipeline EL PASO NATURAL GAS COMPANY

| Pd: % Of $P_c$ | Comm. Designated $P_c$, psia | Period Of Test Flow | | SIP Measured |
|---|---|---|---|---|
| 50 | | From 12-09-66 | To 12-17-66 | 06-07-66 |

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 975 (J) Tubing 975 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h) $P_t$ 497 (i) Gravity .628

G. L. = 4792 1-e $^{-S}$ = .294 $F_c$ 9.402 $(F_cQ)^2$ 9.339

$(1-e^{-S})$ $(F_cQ)^2 = R^2$ = 2746 $P_t^2$ = 247009 $P_w^2$ = 249755

$$Q = \frac{325}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = \frac{1.0000}{}\right] = 325$$

$$D=Q \quad 325 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{712481}{700870}\right]^n = \frac{(1.0165)^n}{1.0123} = 329$$

**REMARKS**

Installed Intermitter 11-22-66. OIC

RECEIVED
JAN 4 1967
OIL CON. COM.
DIST. 3

**SUMMARY**

$P_c$ = 975
Q = 325
$P_w$ = 500
$P_d$ = 488
D = 329

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

66362

73376

5704