Initial Deliverability

FORM C-122-A
EL PASO 9-1-64

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County RA

Well Name SJ 27-5 UNIT #88 73603

Unit A S 12 T 27 R 5 Pay Zone 5468 To 5996 Flow String TUBING

Casing O D 5.500 I D 4.950 Set at 6055 Tubing O D 1.660 I D 1.380 L 5080 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
80		From 07-30-65	To 08-07-65	01-26-65

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 726 (J) Tubing 722 (k) .0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 497 (g) Corrected 497 (h) P_t 497 (i) Gravity .675

G. L. = 3429 $1-e^{-s}$ = .221 Fc 24.621 $(F_cQ)^2$ 26.988

$(1-e^{-s})$ $(F_cQ)^2 = R^2 =$ 5964 $P_t^2 =$ 247009 $P_w^2 =$ 252973

$$Q = \frac{211}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{} = \frac{1.0000}{}\right] = 211$$

$$D = Q \quad \frac{211}{} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{189515}{274103}\right]^n = \frac{(.6914)^n}{.7582} = 160$$

REMARKS

RECEIVED
AUG 20 1965
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 726
Q = 211
P_w = 503
P_d = 581
D = 160

Company EL PASO NATURAL GAS CO

By W. W. Dawson for H.L. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

65231

73603

4541