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 SJ

Well Name SJ 27-5 UNIT #99 86545

Unit A S 11 T 27 R 5 Pay Zone 8553 To 8754 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 8838 Tubing O D 2.375 I D 1.995 L 8535 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 04-20-66	To 04-28-66	11-30-65

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 2511 (J)	Tubing 2505 (k)	.0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
491 (g)	491 (h)	491 (i)	.639

G. L. = 5454 $1-e^{-s}$ = .327 F_c = 9.402 $(F_cQ)^2$ = 98.010

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 32049 P_t^2 = 241081 P_c^2 = 273130

$$Q = \frac{1053}{\text{(integrated)}} \times \left[\sqrt{\frac{\text{(c)}}{\text{(d)}}} = \frac{1.0000}{} = \frac{1.0000}{}\right] = 1053$$

$$D=Q \quad \frac{1053}{} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{4727585}{6031991}\right]^n = \frac{(.7837)^n}{.8329} = 877$$

REMARKS

New Well.

First Delivered 4-04-66.

RECEIVED
MAY 12 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2511

Q = 1053

P_w = 523

P_d = 1256

D = 877

Company EL PASO NATURAL GAS CO

By H.L. Kendrick

Title H.L. KENDRICK
AREA GAS WELL TEST ENGINEER

Witnessed By

Company

66129

86545

3193