Initial Deliverability Test

FORM C-1[illegible]
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 HUERFANO UNIT #148 75452

Unit D S 1 T 25 R 10 Pay Zone 6668 To 6713 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6739 Tubing O D 2.375 I D 1.995 L 6690 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 12-02-66	To 12-10-66	08-03-66

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 1909 (J)	Tubing 1915 (k)	.0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
477 (g)	477 (h)	477 (i)	.704

G. L. = 4710 $1-e^{-s}$ = .290 F_c 9.402 $(F_cQ)^2$ 19.607

$(1-e^{-s})(F_cQ)^2 = R^2$ = 5686 P_t^2 = 227529 P_w^2 = 233215

$$Q = \frac{471}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = 1.0000\right] = 471$$

$$D=Q \quad 471 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{2749461}{3434010}\right]^n = \frac{(.8006)^n}{.8464} = 399$$

REMARKS

New Well First Delivered 11-1-66.

SUMMARY

P_c = 1915

Q = 471

P_w = 483

P_d = 958

D = 399

Company EL PASO NATURAL GAS CO

By H. D. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By

Company

RECEIVED
DEC 28 1966
OIL CON. COM.
DIST. 3

66355						
						75452
						5674