FORM C-122-A
EL PASO 8-1-65

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BASIN Formation DAKOTA County SJ

Well Name HUERFANITO UNIT #106 75447

Unit M S 2 T 26 R 9 Pay Zone 6359 To 6641 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6703 Tubing O D 2.375 I D 1.995 L 6649 Top Perf.

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 11-08-66	To 11-16-66	07-15-66

Deadweight Flowing Pressure, psia

Casing _____(a) Tubing _____(b) Meter _____(c) Flowing Pressure, psia Chart _____(d)

Deadweight Shut-In Pressures, psia

Casing 2093 (J) Tubing 1332 (k) Meter Error .0008 (e) Friction Loss C (f)

7 Day-Avg. Flowing Pres., psia

Chart 511 (g) Corrected 511 (h) P_t 511 (i) Gravity .674

G. L. = 4481 $1-e^{-s}$ = .278 F_c 9.402 $(F_cQ)^2$ 78.543

$(1-e^{-s})(F_cQ)^2 = R^2$ = 21946 P_t^2 = 261121 P_w^2 = 283067

$$Q = \frac{945}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = 1.0000\right] = 945$$

$$D = Q \quad 945 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{3284440}{4097582}\right]^n = \frac{(.8015)^n}{.8471} = 801$$

REMARKS

New Well First Delivered 10-24-66.

RECEIVED
DEC 8 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2093

Q = 945

P_w = 532

P_d = 1047

D = 801

Company EL PASO NATURAL GAS CO

By T. L. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

66334						75447
						5601