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 NEWBERRY #12 DK 75467

Unit H S 4 T 31 R 12 Pay Zone 6992 To 7178 Flow String TUBING

Casing O D 5.500 I D 4.950 Set at 7289 Tubing O D 2.375 I D 1.995 L 7161 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 01-07-67	To 01-15-67	11-16-66

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 _____(J) Tubing 1972(k) Meter Error .0008(e) Friction Loss 0(f)

7 Day-Avg. Flowing Pres., psia

Chart 497(g) Corrected 497(h) P_t 497(i) Gravity .684

G. L. = 4898 $1-e^{-s}$ = .300 F_c 9.402 $(F_cQ)^2$ 13.242 (31)

$(1-e^{-s})(F_cQ)^2 = R^2$ = 3973 P_t^2 = 247009 P_w^2 = 250982

$$Q = \frac{387}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{} = 1.0000\right] = 387$$

$$D = Q \quad 387 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{2916588}{3637802}\right]^n = \frac{(.8017)^n}{.8472} = 328$$

REMARKS

New Well First Delivered 12-24-66.

CORRECTED COPY

RECEIVED
FEB 1 67
OIL CON. COM.
DIST. 3

POSTED

SUMMARY

P_c = 1972

Q = 387

P_w = 501

P_d = 986

D = 328

Company EL PASO NATURAL GAS CO

By H.L. KENDRICK

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____