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: BLANCO Formation: MV County: SJ

Well Name: ATLANTIC #4 70261

Unit: L S: 25 T: 31 R: 10 Pay Zone: 4898 To 5698 Flow String: TUBING

Casing O D: 4.500 I D: 4.052 Set at: 5772 Tubing O D: 2.375 I D: 1.995 L: 5703 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 11-25-66	To 12-03-66	10-28-66

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 855 (J) Tubing 595 (k) .0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 483 (g) Corrected 483 (h) P_f 483 (i) Gravity .687

G. L. = 3918 $1-e^{-s}$ = .248 F_c 9.402 $(F_cQ)^2$ 192.571

$(1-e^{-s})(F_cQ)^2 = R^2$ = 47758 P_f^2 = 233289 P_c^2 = 281047

$$Q = \frac{1476}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{} = \frac{1.0000}{}}\right] = 1476$$

$$D = Q \quad 1476 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{263169}{449978}\right]^n = \left(\frac{.5848}{.6687}\right)^n = 987$$

REMARKS

First Delivered after OWWO 11-9-66.

RECEIVED
DEC 16 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 855

Q = 1476

P_w = 530

P_d = 684

D = 987

Company: EL PASO NATURAL GAS CO

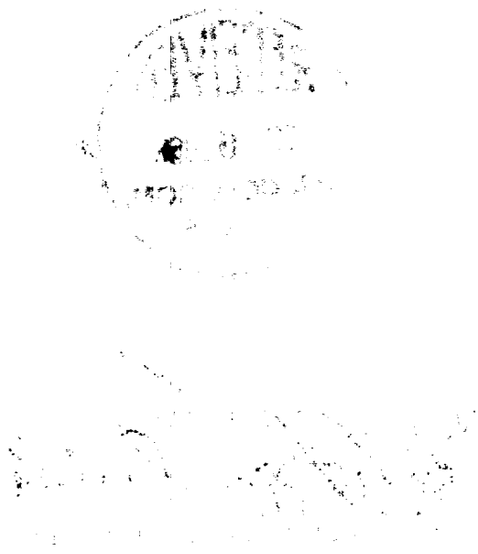
By: H.L. Kendrick

Title: AREA GAS WELL TEST ENGINEER

Witnessed By: _____

Company: _____

66347						

70261

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