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 HUERFANO UNIT #164 75629

Unit O S 20 T 26 R 9 Pay Zone 6444 To 6556 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6646 Tubing O D 2.375 I D 1.995 L 6429 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 07-06-67	To 07-14-67	06-08-67

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 1732 (J) Tubing 1727 (k) 0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 429 (g) Corrected 429 (h) P_t 429 (i) Gravity .678

G. L. = 4359 $1-e^{-s}$ = .272 F_c 9.402 $(F_cQ)^2$ 54.612

$(1-e^{-s})(F_cQ)^2 = R^2$ = 14854 P_t^2 = 184041 P_w^2 = 198895

$$Q = \frac{786}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = 1.0000\right] = 786$$

$$D=Q \quad 786 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{2249868}{2800929}\right]^n = \frac{(.8032)^n}{.8484} = 667$$

REMARKS

New Well First Delivered 6-22-67.

RECEIVED
AUG 22 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1732

Q = 786

P_w = 446

P_d = 866

D = 667

Company EL PASO NATURAL GAS CO

By _____

Title H.L. KENDRICK, P.E.
AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

67228

75629

2937


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AUG 22 1997
COMMISSION COMM
DIST. 3