Initial Deliverability

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool BLANCO Formation MV County SJ

Well Name KELLY #2 75680

Unit A S 35 T 30 R 10 Pay Zone 4203 To 5064 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 5113 Tubing O D 2.375 I D 1.995 L 5034 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
80		From 11-02-67	To 11-10-67	08-28-67

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 1034 (J) Tubing 564 (k) .0008 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 490 (g) Corrected 490 (h) P_t 490 (i) Gravity .675

G. L. = 3398 $1-e^{-s}$ = .219 F_c 9.402 $(F_cQ)^2$ 19.036

$(1-e^{-s})(F_cQ)^2 = R^2$ = 4169 P_f^2 = 240100 P_w^2 = 244269

$$Q = \frac{464}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = 1.0000\right] = 464$$

$$D = Q \quad 464 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{385227}{824387}\right]^n = \frac{(.4670)^n}{.5649} = 262$$

REMARKS

New Well First Delivered 10-13-67.

RECEIVED
DEC 8 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1034

Q = 464

P_w = 494

P_d = 827

D = 262

Company EL PASO NATURAL GAS CO

By _____

T. L. KENDRICK, P.E.

Title AREA GAS WELL TEST ENGINEER

Witnessed By _____

Company _____

75680

3605