Initial Deliverability Test

FORM C-122-A
EL PASO 9-1-64

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET - SAN JUAN BASIN

Pool TAPACITO Formation PC County RA

Well Name SJ 27-5 UNIT #94 75061

Unit O S 15 T 27 R 5 Pay Zone 3414 To 3474 Flow String CASING

Casing O D 2.875 I D 2.441 Set at 3541 Tubing O D NONE I D ____ L ____ 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 04-17-65	To 04-25-65	07-08-64

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 1073 (J) Tubing ____(k) 0006 (e) 0 (f)

7 Day-Avg. Flowing Pres., psia

Chart 526 (g) Corrected 526 (h) P_t 526 (i) Gravity .655

G. L. = 2236 $1-e^{-s}$ = .150 Fc 5.551 $(F_cQ)^2$ .506

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 76 P_t^2 = 276676 P_w^2 = USE PT2

$$Q = \frac{128}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = \frac{1.0000}{}\right] = 128$$

$$D=Q \quad \frac{128}{} \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{415165}{874653}\right]^n = \frac{(.4746)^n}{.5307} = 68$$

REMARKS

RECEIVED
MAY 21 1965
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1073
Q = 128
P_w = 526
P_d = 858
D = 68

Company EL PASO NATURAL GAS CO
By
Title H.L. KENDRICK AREA GAS WELL TEST ENGINEER
Witnessed By
Company

65131						
						75061
						3143