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 RA

Well Name SJ 28-5 UNIT #68 75691

Unit M S 33 T 28 R 5 Pay Zone 7682 To 7892 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 7931 Tubing O D 2.375 I D 1.995 L 7621 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 11-19-67	To 11-27-67	09-28-67

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 2372 (J)	Tubing 2372 (k)	.0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
512 (g)	512 (h)	512 (i)	.623

G. L. = 4748 $1-e^{-s}$ = .292 F_c 9.402 $(F_cQ)^2$ 85.064

$(1-e^{-s})$ $(F_cQ)^2 = R^2$ = 24839 P_t^2 = 262144 P_w^2 = 286983

$$Q = \frac{981}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = 1.0000}\right] = 1.0000 = 981$$

$$D = Q \quad 981 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)}\right]^n = \left[\frac{4219788}{5339401}\right]^n = \frac{(.7903)^n}{.8382} = 822$$

REMARKS

New Well First Delivered 11-2-67.

RECEIVED
DEC 14 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2372
Q = 981
P_w = 536
P_d = 1186
D = 822

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

67345

75691

3643

6734S