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 MC DURMITT #1 DK 75518

Unit G S 6 T 31 R 12 Pay Zone 6862 To 6982 Flow String TUBING

Casing O D 5.500 I D 4.950 Set at 7151 Tubing O D 2.375 I D 1.995 L 6912 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 03-04-67	To 03-12-67	12-07-66

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 (J)	Tubing 1837 (k)	0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
497 (g)	497 (h)	497 (i)	.680

G. L. = 4700 $1-e^{-s}$ = .289 F_c 9.402 $(F_cQ)^2$ 42.081

$(1-e^{-s})(F_cQ)^2 = R^2$ = 12161 P_t^2 = 247009 P_w^2 = 259170

$$Q = \frac{690}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = \frac{1.0000}{}\right] = 690$$

$$D = Q \quad 690 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{2530008}{3115399}\right]^n = \frac{(.8120)^n}{.8554} = 590$$

REMARKS

New Well First Delivered 2-16-67.

O/C

RECEIVED
APR 4 1967
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 1837

Q = 690

P_w = 509

P_d = 919

D = 590

Company EL PASO NATURAL GAS CO

By H. L. KENDRICK, P.E.

Title AREA GAS WELL TEST ENGINEER

Witnessed By

Company