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 HUERFANITO UNIT #91 75269

Unit B S 12 T 26 R 9 Pay Zone 6410 To 6583 Flow String TUBING

Casing O D 4.500 I D 4.052 Set at 6699 Tubing O D 2.375 I D 1.995 L 6535 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 02-18-66	To 02-26-66	08-18-65

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 2059 (J)	Tubing 2074 (k)	0008 (e)	0 (f)

7 Day-Avg. Flowing Pres., psia

Chart	Corrected	P_t	Gravity
595 (g)	555 (h)	555 (i)	.680

G. L. = 4444 $1-e^{-S}$ = .276 F_c 9.402 $(F_cQ)^2$ 28.122

$(1-e^{-S})(F_cQ)^2 = R^2$ = 7762 P_t^2 = 308025 P_c^2 = 315787

$$Q = \frac{564}{\text{(integrated)}} \times \left[\sqrt{\frac{(c)}{(d)} = \frac{1.0000}{}} = \frac{1.0000}{}\right] = 564$$

$$D = Q \quad 564 \times \left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{3226107}{3985689}\right]^n = \frac{(.8094)^n}{.8533} = 481$$

REMARKS

New Well - 1st Del. 1-26-66.

RECEIVED
MAR 11 1966
OIL CON. COM.
DIST. 3

SUMMARY

P_c = 2074
Q = 564
P_w = 562
P_d = 1037
D = 481

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

68067						

75269

1495

BASIN

HUBERFANITO UNIT #91

TUBING

EL PASO NATURAL GAS CO

50 02-18-66 02-24-66 06-18-66

2055 2074 0000

565 555 .000

4444 .276 9.402 24.122

7762 3080C5 31572

564 1.0000 1.0000

564 3226107 .8034
3985685 .8538

2074

564

562

1037

481

66067

EL PASO NATURAL GAS CO

H.L. KERSDRICK

AREA GAS WELL TEST ENGINEER