

Initial Deliverability Test

NEW MEXICO OIL CONSERVATION COMMISSION

GAS WELL TEST DATA SHEET — SAN JUAN BASIN

(TO BE USED FOR FRUITLAND, PICTURED CLIFFS, MESAVERDE, CHACRA, FARMINGTON & ALL DAKOTA EXCEPT BARKER DOME STORAGE AREA & UTE DOME.)

FORM C-127A

(EL PASO - 2-1-61)

Pool

Blanco

Formation

Mesa Verde

County

Rio Arriba

Well Name

San Juan Unit 29-5 No. 17

86-422

Unit

A S 5 T 29 R 5

Pay Zone

5600

To

5744

Flow String

Tubing

Casing O D

7"

Wt

20.0

Set at

3663

Tubing O D

2.375

Wt

4.7

L

5716

Top Perf.

Operator

EL PASO NATURAL GAS COMPANY

Purchasing Pipeline

EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas.

Period of test flow

SIP Measured

From

1-9-62

To

1-17-62

9-28-61

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

1120

(j)

Tubing

1121

(k)

(e)

(f)

7 Day Avg. Flowing Pres., psia

Chart

570

(g)

Corrected

570

(h)

P_f

570

(i)

Gravity

.607

G. L. =

3470

1-e^{-s} =

.223

(F_cQ)² =

49.323

(1-e^{-s})(F_cQ)²=R²=

10999

P_i² =

324900

P_w² =

335899

Q =

747

(integrated)

X

(c)

(d)

=

747

D = Q

747

X

(P_c² - P_d²)

(P_c² - P_w²)

=

1.0230

]

^N

=

1.0172

760

SUMMARY

P_c =

1121

psia

Q =

747

MCF/D

P_w =

580

psia

P_d =

561

psia

D =

760

MCF/D

Company

EL PASO NATURAL GAS COMPANY

By

Dr. L. Kendrick

Dr. Gas Engineer

Title

Witnessed By

Company

RECEIVED

FEB 15 1962

OIL CON. COM.

DIST. 3
