

ILLECIBLE

XXXXXXXXXX
Resumption

Farmington, New Mexico

August 17, 1961

El Paso Natural Gas Company

EPNG State

2

SW

SW

M

32

31

8

Blanco Mesa Verde

Pool

San Juan

Re: Completed

~~XXXXXXXXXXXX~~

5-8-61

6041 (C)

5209

4600

5200

X

RECEIVED
21 1961
OIL CON. COM.
DIST. 3

9-5/8 180 125

7 4600 300

2 5200

El Paso Natural Gas Co.

Perforated tubing with 1/4" holes at following depths: 4728, 4678, 4648.

Turned back on production 5-15-61.

AUG 21 1961

El Paso Natural Gas Company

(Original Signed Emery C. Arnold)

Supervisor Dist. # 3

Charles E. Powell
Production Engineer

STATE OF NEW MEXICO	
OIL CONSERVATION COMMISSION	
ALBUQUERQUE DISTRICT OFFICE	
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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-122-A
(EL PASO - 2-1-61)

Initial
Deliverability Test

Pool BLANCO Formation MV County S J
Well Name E. P. N. G. STATE #2 70487
Unit MS 32 T 31 R 8 Pay Zone 4625 To 5209 Flow String TUBING
Casing O D 7.000 Wt 23.00 Set at 4600 Tubing O D 2.375 Wt 4.70 L 4648 Top Perf.
Operator EL PASO NATURAL GAS COMPANY Purchasing Pipeline EL PASO NATURAL GAS COMPANY

Date Flow Press. Meas. 06-03-61 Period of test flow From 06-00-61 To 06-06-61 SIP Measured 04-13-61

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 1053 (j) Tubing 873 (k) 0006 (e) 0000 (f)

7 Day Avg. Flowing Pres., psia
Chart 476 (g) Corrected 476 (h) P_t 476 (i) Gravity .667

G. L. = 3100 $1-e^{-s} =$.202 $(F_c Q)^2 =$ 70023

$(1-e^{-s})(F_c Q)^2 = R^2 =$ 14145 $P_i^2 =$ 226576 $P_w^2 =$ 240721

$Q = \frac{890}{(\text{integrated})} \times \left[\sqrt{\frac{(c)}{(d)}} = \frac{1.0000}{1.0000} \right] = 890$

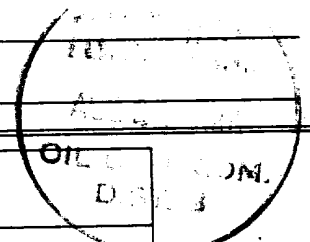
$D = Q \frac{890}{\left(\left[\frac{(P_c^2 - P_d^2)}{(P_c^2 - P_w^2)} = \frac{1.0954}{1.0707} \right]^N \right)} = 953$

Perforated tubing with 1/4" holes at following depths: 4728, 4678, 4648.
Turned back on production 5-15-61.

SUMMARY

$P_c =$ 873 psia
 $Q =$ 890 MCF/D
 $P_w =$ 491 psia
 $P_d =$ 437 psia
 $D =$ 953 MCF/D

Company EL PASO NATURAL GAS COMPANY
By H. L. KENDRICK
Title GAS ENGINEER
Witnessed By
Company



GAS WELL TEST DATA SHEET - DATA SHEET

THIS SHEET IS TO BE USED FOR THE PURPOSE OF RECORDING THE RESULTS OF A GAS WELL TEST. IT IS TO BE FILLED OUT BY THE OPERATOR OF THE WELL.

Well Name: _____

Location: _____

Operator: _____

Date: _____

Well Number: _____

Well Depth: _____

Well Status: _____

Well Type: _____

Well Completion: _____

Well Production: _____

Well Pressure: _____

Well Temperature: _____

Well Flow Rate: _____

Well Gas Composition: _____

Well Gas Gravity: _____

Well Gas Specific Gravity: _____

Well Gas Density: _____

Well Gas Viscosity: _____

Well Gas Surface Tension: _____

Well Gas Solubility: _____

Well Gas Diffusion Coefficient: _____

Well Gas Permeability: _____

Well Gas Porosity: _____

Well Gas Saturation: _____

Well Gas Relative Permeability: _____

Well Gas Relative Permeability Ratio: _____

Well Gas Relative Permeability Index: _____

Well Gas Relative Permeability Curve: _____

Well Gas Relative Permeability Table: _____

Well Gas Relative Permeability Graph: _____

Well Gas Relative Permeability Equation: _____

Well Gas Relative Permeability Notes: _____

Well Gas Relative Permeability Signature: _____

Well Gas Relative Permeability Date: _____

Well Gas Relative Permeability Initials: _____

Well Gas Relative Permeability Stamp: _____