

EL PASO NATURAL GAS COMPANY  
OPEN FLOW TEST DATA

DUAL COMPLETION

DATE December 21, 1959

Operator <b>El Paso Natural Gas Company</b>		Lease <b>San Juan 28-5 Unit No. 35 (M)</b>	
Location <b>18408, 1840W; 19-28-5</b>		County <b>Rio Arriba</b>	State <b>New Mexico</b>
Formation <b>Mesa Verde</b>		Pool <b>Blanco</b>	
Casing: Diameter <b>7</b>	Set At: Feet <b>7545</b>	Tubing: Diameter <b>1-1/4</b>	Set At: Feet <b>4640</b>
Pay Zone: From <b>5138</b>	To <b>5730</b>	Total Depth: <b>7951 c/o 7885</b>	Shut In <b>Re-SI 2/23/60</b>
Stimulation Method <b>Sand Water Frac.</b>		Flow Through Casing <b>X</b>	Flow Through Tubing

Choke Size, Inches <b>.75</b>		Choke Constant: C <b>12.365</b>		7" at 7545	
Shut-In Pressure, Casing, PSIG <b>(MV) 1075</b>	PSIA <b>1087</b>	Days Shut-In <b>27</b>	Shut-In Pressure, Tubing PSIG <b>(MV) 1075</b>	PSIA <b>1087</b>	
Flowing Pressure: P PSIG <b>(MV Csg) 607</b>	PSIA <b>619</b>		Working Pressure: P <sub>w</sub> PSIG <b>636 (MV Tbg)</b>	PSIA <b>648</b>	
Temperature: T = <b>71 °F</b>	F <sub>g</sub> = <b>.9896</b>	<b>.75</b>	F <sub>pv</sub> (From Tables) <b>1.061</b>	Gravity <b>.670</b>	F <sub>g</sub> = <b>.9463</b>

Initial SIPT (D) = 2572 psig

Final SIPT (D) = 2600 psig

Baker Model "D" Packer at 7503

CHOKE VOLUME - Q C x P<sub>i</sub> x F<sub>i</sub> x F<sub>g</sub> x F<sub>pv</sub>

$$Q = 12.365 \times 619 \times .9896 \times .9463 \times 1.061$$

7605

MCF/D

$$\text{OPEN FLOW Aof } Q \left( \frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$\text{Aof } \left( \frac{1181569}{761665} \right)^n$$

$$1.5512^{.75} \times 7605 = 1.3900 \times 7605$$

$$\text{Aof } 10571 \text{ MCF/D}$$

Freezing upstream somewhere from casing valve

TESTED BY W. D. Dawson

WITNESSED BY

*Lewis D. Galloway*  
L. D. Galloway



NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Form C-110  
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator El Paso Natural Gas Company Lease San Juan 28-5 Unit

Well No. 35 (MD) Unit Letter M S 19 T 28N R 5W Pool Wildcat Dakota

County Rio Arriba Kind of Lease (State, Fed. or Patented) Federal

If well produces oil or condensate, give location of tanks: Unit S T R

Authorized Transporter of Oil or Condensate El Paso Natural Gas Products Company

Address

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas El Paso Natural Gas Company

Address Box 997, Farmington, New Mexico

Date Connected

(Give address to which approved copy of this form is to be sent)

If Gas is not being sold, give reasons and also explain its present disposition:

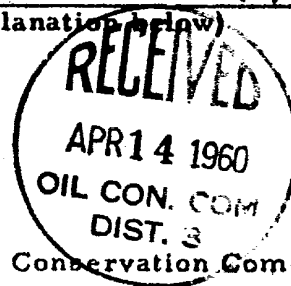
Reasons for Filing: (Please check proper box) New Well ☒

Change in Transporter of (Check One): Oil ☐ Dry Gas ☐ C'head ☐ Condensate ☐

Change in Ownership ☐ Other ☐

Remarks:

(Give explanation below)



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 11th day of April 19 60

By ORIGINAL SIGNED H.E. McANALLY

Approved APR 14 1960 19

Title Petroleum Engineer

OIL CONSERVATION COMMISSION

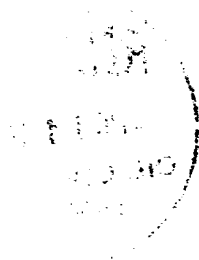
Company El Paso Natural Gas Company

By Original Signed Emery C. Arnold

Address Box 997

Title Supervisor Dist. # 3

Farmington, New Mexico



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