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	GAS
PRODUCTION OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS**

FORM C-110
(Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator Texas Pacific Coal and Oil Company				Lease Wells		Well No. 7	
Unit Letter P	Section 6	Township 25-S	Range 37-E	County Lee			
Pool Langlie-Mattix				Kind of Lease (State, Fed Fee) Federal			
If well produces oil or condensate give location of tanks		Unit Letter K	Section 5	Township 25-S	Range 37-E		

Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>	Address (give address to which approved copy of this form is to be sent)
Cities Service Oil Company	Hobbs, New Mexico

Is Gas Actually Connected? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Authorized transporter of casing head gas <input checked="" type="checkbox"/> or dry gas <input type="checkbox"/>	Date Connected	Address (give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company		Jal, New Mexico


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

REASON(S) FOR FILING (please check proper box)

New Well <input type="checkbox"/>	Change in Ownership <input checked="" type="checkbox"/>
Change in Transporter (check one)	Other (explain below)
Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	
Casing head gas <input type="checkbox"/> Condensate <input type="checkbox"/>	

Remarks:
**Change in ownership from Jal Oil Company to Texas Pacific Coal and Oil Company.
Effective February 1, 1961.**

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.
Executed this the 31st day of January, 19 61.

OIL CONSERVATION COMMISSION		By
Approved by		Title District Engineer
Title		
Date	Company Texas Pacific Coal and Oil Company	Address P. O. Box 1688, Hobbs, New Mexico

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function.

2. In the second part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt + x$. It is shown that $f(x)$ is a linear function.

3. In the third part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt + x^2$. It is shown that $f(x)$ is a quadratic function.

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4. In the fourth part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt + x^2$. It is shown that $f(x)$ is a quadratic function.

5. In the fifth part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt + x^3$. It is shown that $f(x)$ is a cubic function.

6. In the sixth part, we consider the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt + x^4$. It is shown that $f(x)$ is a quartic function.