

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
PHORATION 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 <b>Standard Oil Company of Texas, A Division of California Oil Company</b>				Lease <b>State 5-27</b>		Well No. <b>2</b>	
Unit Letter <b>F</b>	Section <b>27</b>	Township <b>17 South</b>	Range <b>35 East</b>	County <b>Lea</b>			
Pool <b>Vacuum (Grayburg &amp; San Andres)</b>				Kind of Lease (State, Fed, Fee) <b>State (B-1839)</b>			
If well produces oil or condensate give location of tanks			Unit Letter <b>K</b>	Section <b>27</b>	Township <b>17 South</b>	Range <b>35 East</b>	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> <b>Texas-New Mexico Pipeline Company</b>				Address (give address to which approved copy of this form is to be sent) <b>Box 1510, Midland, Texas</b>			
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"/> <b>Phillips Petroleum Company</b>			Date Con- nected <b>8-21-64</b>	Address (give address to which approved copy of this form is to be sent) <b>Box 6666, Odessa, Texas</b>			

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

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

New Well ..... ☐  
Change in Transporter (check one)  
Oil ..... ☐ Dry Gas ..... ☐  
Casing head gas . ☐ Condensate.. ☐

Change in Ownership ..... ☐  
Other (explain below)  
**See Remarks**

**X**  
**MAY 1, 1970, STANDARD OIL  
COMPANY OF TEXAS IS CHANG-  
ING ITS OPERATING NAME TO  
CHEVRON OIL COMPANY.**

Remarks

**C-110 form filed to reflect change in tank battery location, commingling of oil and gas, and sales from State 4-27 battery, per N.M.O.C.C. Administration Order PLC-12. Effective date September 15, 1964.**

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

Executed this the 17th day of September, 19 64.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

By

Title

Company

Address

*G. G. Koenig*

**G. G. Koenig**

**Lead Engineer**

**Standard Oil Company of Texas,**

**A Division of California Oil Company**

**Drawer "S", Monahans, Texas**

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (1)$$

where  $x$  is a real number. It is shown that the function  $f(x)$  is continuous and differentiable on the whole real axis. The derivative of the function is equal to  $\frac{1}{1+x^2}$ .

2. In the second part of the paper, we consider the function  $F(x)$  defined by the equation

$$F(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (2)$$

where  $x$  is a real number. It is shown that the function  $F(x)$  is continuous and differentiable on the whole real axis. The derivative of the function is equal to  $\frac{1}{1+x^2}$ .

3. The third part of the paper is devoted to the study of the properties of the function  $G(x)$  defined by the equation

$$G(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (3)$$

where  $x$  is a real number. It is shown that the function  $G(x)$  is continuous and differentiable on the whole real axis. The derivative of the function is equal to  $\frac{1}{1+x^2}$ .

4. The fourth part of the paper is devoted to the study of the properties of the function  $H(x)$  defined by the equation

$$H(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (4)$$

where  $x$  is a real number. It is shown that the function  $H(x)$  is continuous and differentiable on the whole real axis. The derivative of the function is equal to  $\frac{1}{1+x^2}$ .

5. The fifth part of the paper is devoted to the study of the properties of the function  $I(x)$  defined by the equation

$$I(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (5)$$