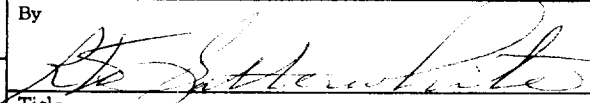


NUMBER OF COPIES RECEIVED		NEW MEXICO OIL CONSERVATION COMMISSION		FORM C-110 (Rev. 7-60)	
DISTRIBUTION		SANTA FE, NEW MEXICO		OFFICE O. C. C.	
SANTA FE		CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS		Nov 26 1 20 PM '63	
FILE					
U.S.G.S.					
LAND OFFICE					
TRANSPORTER OIL GAS					
OPERATION OFFICE		Sinclair Oil Corporation Merged into Atlantic Richfield Company Effective March 4, 1963		FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE	
OPERATOR		Company or Operator SINCLAIR OIL CORPORATION Sinclair Oil & Gas Company		Lease H.S. Record (011) Well No. 2	
Unit Letter M	Section 10	Township 22S	Range 36E	County Lea	
Pool South Eunice				Kind of Lease (State, Fed, Fee) Patented	
If well produces oil or condensate give location of tanks		Unit Letter M	Section 10	Township 22S	Range 36E
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/> Texas-New Mexico Pipe Line Company			Address (give address to which approved copy of this form is to be sent) Midland, Texas		
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"/> Phillips Petroleum Company		Date Con- nected Unknown	Address (give address to which approved copy of this form is to be sent) Eunice, 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					
Filed to show new ownership - Changed from Western Natural Gas Company to Sinclair Oil & Gas Company effective:					
Formerly operated by as the Record lease					
The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.					
Executed this the _____ day of _____, 19____.					
OIL CONSERVATION COMMISSION			By		
Approved by					
Title			Chief Divn. Clerk - (Prod. Dept.)		
Date			Company		
PRODUCTION MANAGER			Sinclair Oil & Gas Company		
Address			520 E. Broadway - 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

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

for $x \in [0, \infty)$.

2.

3.

4.

5.

6. The second part of the paper is devoted to the study of the function $g(x)$ defined by the equation

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

for $x \in [0, \infty)$. The function $g(x)$ is defined by the equation

7.

8. The third part of the paper is devoted to the study of the function $h(x)$ defined by the equation

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

9.

10. The fourth part of the paper is devoted to the study of the function $k(x)$ defined by the equation

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

11. The fifth part of the paper is devoted to the study of the function $l(x)$ defined by the equation