

INCLINATION REPORT

OPERATOR: Anadarko Production Company
P. O. Box 247
Hobbs, New Mexico 88240

LEASE AND WELL NO. Langlie Mattix Penrose Sand Unit Tract #17
No. 1

LOCATION: 990' FWL and 840' FNL
Sec. 26, T-22-S, R-37-E
Lea County, New Mexico

<u>Depth (feet)</u>	<u>Inclination (degrees)</u>
373	3/4
855	1-0
1355	1-0
1855	1-1/2
2353	1-1/2
2857	1-1/4
3257	1-1/4
3700	1-1/4

I, M. F. NELSON, District Superintendent for Anadarko Production Company, being first duly sworn on oath state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

M. F. Nelson
M. F. NELSON

STATE OF NEW MEXICO

COUNTY OF LEA

Sworn to and subscribed to before me this 18th day of December, 1969

Stanley A. Dade
NOTARY PUBLIC

My Commission Expires
December 22, 1972

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

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

It is shown that the function $f(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

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

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

It is shown that the function $g(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

3. In the third part of the paper, we consider the function $h(x)$ defined by the equation

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

It is shown that the function $h(x)$ is increasing and concave down on the interval $(-\infty, \infty)$.

4. In the fourth part of the paper, we consider the function $i(x)$ defined by the equation