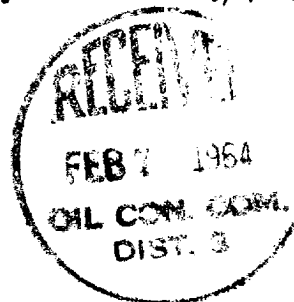


DEVIATION TABULATION REPORT

HURON DRILLING COMPANY, INC.      NEWSOM      1      SW/4, NE/4      21      26-N      8-W  
OPERATOR      LEASE      No.      1/4 SEC.      SEC.      TWP.      RGE.

DEPTH      DEVIATION  
500 FT.      1/2 DEG.  
1426 FT.      1/2 DEG.

DEPTH      DEVIATION  
2285 FT.      3/4 DEG.



STATE OF NEW MEXICO }  
COUNTY OF SAN JUAN } ss.

ON THIS 31ST DAY OF JANUARY, 19 64, BEFORE AS PERSONALLY APPEARED

*R. N. Phillips*

R. N. PHILLIPS,

TO ME KNOWN TO BE THE PERSON (S) DESCRIBED IN AND WHO EXECUTED THE FOREGOING  
INSTURMENT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME AS THEIR FREE ACT AND  
DEED.

IN WITNESS WHEREOF, I HAVE SET MY HAND AND SEAL OF OFFICE ON THIS 31ST  
DAY OF JANUARY, 19 64.

*James F. Hunt*  
NOTARY PUBLIC IN AND FOR  
*San Juan* COUNTY, *New Mexico*

MY COMMISSION EXPIRES:

*July 8, 1966*

2000-01-01 10:00:00

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

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

It is shown that the function  $f(x)$  is strictly increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $f(x)$  is bounded on the interval  $(-\infty, \infty)$  and its range is the interval  $(-\frac{\pi}{2}, \frac{\pi}{2})$ .

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

$$g(x) = \int_0^x \frac{1}{1+t^2} dt, \quad x \in \mathbb{R}.$$

It is shown that the function  $g(x)$  is strictly increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $g(x)$  is bounded on the interval  $(-\infty, \infty)$  and its range is the interval  $(-\frac{\pi}{2}, \frac{\pi}{2})$ . The function  $g(x)$  is also shown to be continuous and differentiable on the interval  $(-\infty, \infty)$ .

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

$$h(x) = \int_0^x \frac{1}{1+t^2} dt, \quad x \in \mathbb{R}.$$

It is shown that the function  $h(x)$  is strictly increasing and concave down on the interval  $(-\infty, \infty)$ . Moreover, the function  $h(x)$  is bounded on the interval  $(-\infty, \infty)$  and its range is the interval  $(-\frac{\pi}{2}, \frac{\pi}{2})$ .

The function  $h(x)$  is also shown to be continuous and differentiable on the interval  $(-\infty, \infty)$ . The function  $h(x)$  is also shown to be strictly increasing and concave down on the interval  $(-\infty, \infty)$ .