

INCLINATION REPORT

State WE "H" Well No. 3

OPERATOR: Millard Deck
Eunice, New Mexico 88231

LEASE NAME & NO: State WE "H" Well No. 3

LOCATION: Lea County, New Mexico

DEPTH	INCLINATION
320	$\frac{1}{4}$
688	$\frac{1}{4}$
1199	$\frac{3}{4}$
1687	1
2181	$1\frac{1}{2}$
2284	$1\frac{1}{2}$
2768	$1\frac{1}{2}$
3261	$2\frac{1}{2}$
3383	$2\frac{1}{2}$
3778	$2\frac{1}{4}$
4000	2

I, E. P. Leatherwood, President of Leatherwood Drilling 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

THE PROBLEM

The problem is to find a function $f(x)$ such that

$$f(x) = \frac{1}{2\pi} \int_{-\pi}^{\pi} f(t) dt$$

for all x in the interval $[-\pi, \pi]$.

The function $f(x)$ is assumed to be continuous.

The function $f(x)$ is assumed to be periodic with period 2π .

The function $f(x)$ is assumed to be bounded.

The function $f(x)$ is assumed to be measurable.

The function $f(x)$ is assumed to be integrable.

The function $f(x)$ is assumed to be square integrable.

The function $f(x)$ is assumed to be continuous.

The function $f(x)$ is assumed to be continuous. The function $f(x)$ is assumed to be periodic with period 2π . The function $f(x)$ is assumed to be bounded. The function $f(x)$ is assumed to be measurable. The function $f(x)$ is assumed to be integrable. The function $f(x)$ is assumed to be square integrable.