

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator COSDEN PETROLEUM CORPORATION Lease Edith Butler

Well No. 2 Unit Letter E S 18 T 22S R 38E Pool Tubbs Gas

County Lea Kind of Lease (State, Fed. or Patented) Patented

If well produces oil or condensate, give location of tanks: Unit N S 18 T 22S R 38E

Authorized Transporter of Oil or Condensate Texas-New Mexico P. L. Co.

Address P. O. Box 1018, Eunice, New Mexico

(Give address to which approved copy of this form is to be sent)

Authorized Transporter of Gas Permian Basin Pipe Line Company

Address 2223 Dodge St., Omaha 1, Nebraska Date Connected _____

(Give address to which approved copy of this form is to be sent)

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

Well is not connected yet.

Reasons for Filing: (Please check proper box) New Well ☒

Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()

Change in Ownership () Other ()

Remarks: (Give explanation below)

Dually completed Tubbs gas zone with Brinkard oil zone. Permission granted under Administrative Order MSP-457, December 10, 1958, and under Order No. DG 701, December 5, 1958.

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

Executed this the 10 day of March 19 59

By J.T. Holten Jr. J.T. Holten Jr.

Approved _____ 19 _____

Title Engineer

OIL CONSERVATION COMMISSION

Company COSDEN PETROLEUM CORPORATION

By [Signature]

Address Box 1311

Title _____

Big Spring, 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

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

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

2. In the second part, we consider 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 $(-\infty, \infty)$.

3. In the third part, we consider 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 $(-\infty, \infty)$.

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

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

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

5. In the fifth part, we consider the function $l(x)$ defined by the equation