

Place Hobbs, New Mexico
Date May 26, 1939

Red 6/2/39

26-22-37

Glenn Staley
Proration Umpire
Hobbs, N.M.

NOTICE OF COMPLETION OF: (Lease) A. B. Baker "A" (Well No.) 2
2310 feet from North line; 330 feet from West line; S.T. & R. Sec. 26-22S-37E
Penrose Area, Lea County, New Mex.

DATE STARTED April 10, 1939
DATE COMPLETED May 20, 1939
ELEVATION 3329' (Rig Floor)
TOTAL DEPTH S.L.M. 3669'
CABLE TOOLS Yes; ROTARY TOOLS _____

CASING RECORD

SIZE <u>16" OD</u>	DEPTH <u>105'</u>	SAX CEMENT <u>100</u>
SIZE <u>7" OD</u>	DEPTH <u>3400'</u>	SAX CEMENT <u>200</u>
SIZE _____	DEPTH _____	SAX CEMENT _____

TUBING RECORD

SIZE 2" EUE DEPTH 3655'

ACID RECORD

NO. GALS _____	% _____	No. QTS. <u>560 Qts. SNG 3655' to 3524'.</u>
NO. GALS _____	% _____	NO. QTS. _____
NO. GALS _____	% _____	NO. QTS. _____

FORMATION TOPS

Anhydrite 1120' (Geological Log)
Top Salt _____
Base Salt 2410' " "
1st ~~Red~~ Sand 2645' " "
2nd Sand ~~Red~~ 3535' " "
White Lime _____
Oil or Gas Pay 3544'
Water No

INITIAL PRODUCTION TEST 149 bbls 24 hrs Pumping _____ Flowing Yes
TEST AFTER SHOT OR ACID The above IP test was taken after shot.

INITIAL GAS VOLUME Estimated at 125,000 cu. ft. per day.

SCHEDULE NO. 174 DATE June 1, 1939.

PIPE LINE TAKING THE OIL Shell Pipe Line Corporation.

REMARKS:

COMPANY SKELLY OIL COMPANY

BY:

J. J. [Signature]
District Superintendent.

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

$$g(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt$$

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

$$h(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt$$

$$h(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt$$

$$h(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt$$

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 $k(x)$ defined by the equation

$$k(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt + \int_0^x \frac{1}{1+t^8} dt$$

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

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

$$k(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt + \int_0^x \frac{1}{1+t^8} dt$$

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

$$l(x) = \int_0^x \frac{1}{1+t^2} dt + \int_0^x \frac{1}{1+t^4} dt + \int_0^x \frac{1}{1+t^6} dt + \int_0^x \frac{1}{1+t^8} dt + \int_0^x \frac{1}{1+t^{10}} dt$$

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