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ANDERSON-PRICHARD OIL CORPORATION

MAIN OFFICE 000

PRODUCERS



REFINERS

1958 OCT 15 AM 8:14

DISTRICT IV FIELD OFFICE

SUITE B-400, NEW U. S. NATIONAL BANK BUILDING

1740 BROADWAY

DENVER, COLORADO

GENERAL OFFICE

LIBERTY BANK BLDG.

OKLAHOMA CITY 2, OKLAHOMA

PHONE KEYSTONE 4-1849

October 13, 1958

Our File:

DNM-3-A

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. A. R. Kendrick

Subject: #1-x Johnston-Federal
SW/4 Section 12-30N-9W
San Juan County, New Mexico



Dear Mr. Kendrick:

We have received Gas Supplement No. 3771 on the subject well. It is my impression that the deliverability test dated December 24, 1957 after workover served as initial test after workover and annual test for the year 1958. The deliverability test taken August 14, 1958 is to serve as test for computation of allowables during the year 1959 and should not be used for allowable computation for any period during the current year.

If this Supplement is in error, please cancel. In event you feel this to be correct, please notify us on what basis the Supplement has been issued.

Yours very truly,

Charles M. Heard

CHARLES M. HEARD

District Superintendent

cc - Mr. Sam F. Shakely) w/copy of
Mr. W. L. Hixon) Supplement

CMH:rw

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.

2. The second part of the paper is devoted to the study of the

properties of the function $g(x)$ defined by the equation

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

It is shown that the function $g(x)$ is increasing and concave down.

3. The third part of the paper is devoted to the study of the

properties of the function $h(x)$ defined by the equation

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

It is shown that the function $h(x)$ is increasing and concave down.

4. The fourth part of the paper is devoted to the study of the

properties of the function $k(x)$ defined by the equation

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

It is shown that the function $k(x)$ is increasing and concave down.

5. The fifth part of the paper is devoted to the study of the

properties of the function $l(x)$ defined by the equation

$$l(x) = \int_0^x \frac{1}{1+t^{10}} dt.$$

It is shown that the function $l(x)$ is increasing and concave down.

6. The sixth part of the paper is devoted to the study of the

properties of the function $m(x)$ defined by the equation

$$m(x) = \int_0^x \frac{1}{1+t^{12}} dt.$$

It is shown that the function $m(x)$ is increasing and concave down.

7. The seventh part of the paper is devoted to the study of the

properties of the function $n(x)$ defined by the equation

$$n(x) = \int_0^x \frac{1}{1+t^{14}} dt.$$

It is shown that the function $n(x)$ is increasing and concave down.

8. The eighth part of the paper is devoted to the study of the

properties of the function $o(x)$ defined by the equation

$$o(x) = \int_0^x \frac{1}{1+t^{16}} dt.$$

It is shown that the function $o(x)$ is increasing and concave down.

9. The ninth part of the paper is devoted to the study of the

properties of the function $p(x)$ defined by the equation

$$p(x) = \int_0^x \frac{1}{1+t^{18}} dt.$$

It is shown that the function $p(x)$ is increasing and concave down.

10. The tenth part of the paper is devoted to the study of the

properties of the function $q(x)$ defined by the equation

$$q(x) = \int_0^x \frac{1}{1+t^{20}} dt.$$

It is shown that the function $q(x)$ is increasing and concave down.

11. The eleventh part of the paper is devoted to the study of the

properties of the function $r(x)$ defined by the equation

$$r(x) = \int_0^x \frac{1}{1+t^{22}} dt.$$

It is shown that the function $r(x)$ is increasing and concave down.

12. The twelfth part of the paper is devoted to the study of the

properties of the function $s(x)$ defined by the equation

$$s(x) = \int_0^x \frac{1}{1+t^{24}} dt.$$

It is shown that the function $s(x)$ is increasing and concave down.

13. The thirteenth part of the paper is devoted to the study of the

properties of the function $t(x)$ defined by the equation

$$t(x) = \int_0^x \frac{1}{1+t^{26}} dt.$$

It is shown that the function $t(x)$ is increasing and concave down.

14. The fourteenth part of the paper is devoted to the study of the

properties of the function $u(x)$ defined by the equation

$$u(x) = \int_0^x \frac{1}{1+t^{28}} dt.$$

It is shown that the function $u(x)$ is increasing and concave down.

15. The fifteenth part of the paper is devoted to the study of the

properties of the function $v(x)$ defined by the equation

$$v(x) = \int_0^x \frac{1}{1+t^{30}} dt.$$

It is shown that the function $v(x)$ is increasing and concave down.

16. The sixteenth part of the paper is devoted to the study of the

properties of the function $w(x)$ defined by the equation

$$w(x) = \int_0^x \frac{1}{1+t^{32}} dt.$$

It is shown that the function $w(x)$ is increasing and concave down.