

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE April 18, 1962

OIL CONSERVATION COMMISSION
BOX 371
SANTA FE, NEW MEXICO

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFC _____

Proposed DC _____

Gentlemen:

Triple X

I have examined the application dated 4/15/62

for the Texaco, Inc. V. M. Henderson #10 30-21-37
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

O.K.----E.F.E.

Geologically O.K.----J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION

$$f(x) = \frac{1}{x^2} = x^{-2}$$

then

$$f'(x) = -2x^{-3} = -\frac{2}{x^3}$$

At $x = 1$, $f'(1) = -2$

At $x = 2$, $f'(2) = -\frac{2}{2^3} = -\frac{2}{8} = -\frac{1}{4}$

At $x = 3$, $f'(3) = -\frac{2}{3^3} = -\frac{2}{27}$

At $x = 4$, $f'(4) = -\frac{2}{4^3} = -\frac{2}{64} = -\frac{1}{32}$

At $x = 5$, $f'(5) = -\frac{2}{5^3} = -\frac{2}{125}$

or

$$f'(x) = -\frac{2}{x^3} = -2x^{-3} = -2 \cdot \frac{1}{x^3} = -\frac{2}{x^3}$$

At $x = 1$, $f'(1) = -\frac{2}{1^3} = -2$

$$f'(2) = -\frac{2}{2^3} = -\frac{2}{8} = -\frac{1}{4}$$

At $x = 3$, $f'(3) = -\frac{2}{3^3} = -\frac{2}{27}$

At $x = 4$, $f'(4) = -\frac{2}{4^3} = -\frac{2}{64} = -\frac{1}{32}$

At $x = 5$, $f'(5) = -\frac{2}{5^3} = -\frac{2}{125}$

At $x = 6$, $f'(6) = -\frac{2}{6^3} = -\frac{2}{216} = -\frac{1}{108}$

At $x = 7$, $f'(7) = -\frac{2}{7^3} = -\frac{2}{343}$

$$f'(8) = -\frac{2}{8^3} = -\frac{2}{512} = -\frac{1}{256}$$

$$f'(9) = -\frac{2}{9^3} = -\frac{2}{729} = -\frac{1}{364.5}$$