

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

Date May 28, 1957

OIL CONSERVATION COMMISSION  
BOX 871  
SANTA FE, NEW MEXICO

Re:  
Proposed NSP 368  
Proposed NSL

Gentlemen:

I have examined the application dated 5/16/57  
for the \_\_\_\_\_  
Operator Lease and Well No. S-T-R

and my recommendations are as follows:

Phillips Pet. Co. Quapaw #1 19-20-37  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

OIL CONSERVATION COMMISSION

Engineer

$$f(x) = \frac{1}{2} \left( \frac{1}{x} + \frac{1}{x^2} \right)$$

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

$$f''(x) = \frac{1}{x^3} + \frac{4}{x^4}$$

$$f'''(x) = -\frac{3}{x^4} - \frac{16}{x^5}$$

$$f^{(4)}(x) = \frac{12}{x^5} + \frac{80}{x^6}$$

$$f^{(5)}(x) = -\frac{60}{x^6} - \frac{480}{x^7}$$

$$f^{(6)}(x) = \frac{360}{x^7} + \frac{3360}{x^8}$$

$$f^{(7)}(x) = -\frac{2520}{x^8} - \frac{26880}{x^9}$$

$$f^{(8)}(x) = \frac{20160}{x^9} + \frac{241920}{x^{10}}$$

$$f^{(9)}(x) = -\frac{181440}{x^{10}} - \frac{2419200}{x^{11}}$$

$$f^{(10)}(x) = \frac{1814400}{x^{11}} + \frac{26208000}{x^{12}}$$

$$f^{(11)}(x) = -\frac{2016000}{x^{12}} - \frac{31456000}{x^{13}}$$

$$f^{(12)}(x) = \frac{24192000}{x^{13}} + \frac{401472000}{x^{14}}$$