

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

DATE 8/24

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

RE:  
PROPOSED NFO ORDER NO. 208

Dear Mr. Rieder:

I have examined the application for NFO for Gulf ,  
(Company)

Lea State DA#2 and #3 14-19-56 , and my recommendations are:  
(Lease and Well No. S.T.R.)

On Well #2 OK to flare gas- WWM

On Well #3 51 mcf. is a lot of gas to flare-OK to flare low  
pressure gas now. but should be reviewed in 6 month's time

for possible connection 2 miles away. WWM

Yours very truly,

OIL CONSERVATION COMMISSION

Stanley J. Stanley  
XXXXXXXXXXXXXXXXXXXXWarren W. Mankin  
Engineer

1.  $\frac{1}{2} \log \frac{1}{2} = -\frac{1}{2} \log 2 = -\frac{1}{2} \times 0.3010 = -0.1505$

$$\log \frac{1}{2} = -0.3010$$

$$\log \frac{1}{4} = -0.6020$$

2.  $\frac{1}{4} \log \frac{1}{4} = \frac{1}{4} \log \frac{1}{2^2} = \frac{1}{4} \times 2 \times -0.3010 = -0.1505$

3.  $\frac{1}{8} \log \frac{1}{8} = \frac{1}{8} \log \frac{1}{2^3} = \frac{1}{8} \times 3 \times -0.3010 = -0.1129$

4.  $\frac{1}{16} \log \frac{1}{16} = \frac{1}{16} \log \frac{1}{2^4} = \frac{1}{16} \times 4 \times -0.3010 = -0.0752$

5.  $\frac{1}{32} \log \frac{1}{32} = \frac{1}{32} \log \frac{1}{2^5} = \frac{1}{32} \times 5 \times -0.3010 = -0.0476$

$$\log \frac{1}{32} = -1.5051$$

6.  $\frac{1}{64} \log \frac{1}{64} = \frac{1}{64} \log \frac{1}{2^6} = \frac{1}{64} \times 6 \times -0.3010 = -0.0281$

7.  $\frac{1}{128} \log \frac{1}{128} = \frac{1}{128} \log \frac{1}{2^7} = \frac{1}{128} \times 7 \times -0.3010 = -0.0176$

8.  $\frac{1}{256} \log \frac{1}{256} = \frac{1}{256} \log \frac{1}{2^8} = \frac{1}{256} \times 8 \times -0.3010 = -0.0090$

9.  $\frac{1}{512} \log \frac{1}{512} = \frac{1}{512} \log \frac{1}{2^9} = \frac{1}{512} \times 9 \times -0.3010 = -0.0045$

10.  $\frac{1}{1024} \log \frac{1}{1024} = \frac{1}{1024} \log \frac{1}{2^{10}} = \frac{1}{1024} \times 10 \times -0.3010 = -0.0023$

$$\log \frac{1}{1024} = -3.0103$$

$$\log \frac{1}{2048} = -3.3090$$

$$\log \frac{1}{4096} = -3.6079$$