



PETROLEUM AND ITS PRODUCTS

# GULF OIL CORPORATION

P. O. Box 2167  
Hobbs, New Mexico

FORT WORTH  
PRODUCTION DIVISION

June 22, 1956

Mr. R. F. Montgomery  
New Mexico Oil Conservation Commission  
P. O. Box 2045  
Hobbs, New Mexico

Re: Reclassification of Harry Leonard "D"  
Wells No. 1 and 2, Section 3-22S-36E.

Dear Sir:

The subject wells are producing from the Penrose member of the Queen formation and it is requested that they be reclassified from the Arrowhead oil to an undesignated oil pool. The classification at this time in an undesignated oil pool is requested since the limits of the Eumont Pool for which these wells will eventually be placed in does not include these wells. Submitted with this letter is Form O-123, Request for Extension of the Eumont Pool to include the NE/4 of Section 3-22S-36E.

The following pertinent data pertaining to the geology of these two wells is presented for your information. The formation tops are from drilling samples.

| <u>Well</u>                | <u>Formation Tops</u>                                                                        | <u>Total Depth</u> | <u>Oil Boring Casing Seat</u> |
|----------------------------|----------------------------------------------------------------------------------------------|--------------------|-------------------------------|
| Harry Leonard "D"<br>No. 1 | Gustler - 2490'<br>Base of Salt - 2800'<br>Yates - 2990'<br>Queen - 3620'<br>Penrose - 3755' | 3330'              | 3745'                         |
| Harry Leonard "D"<br>No. 2 | Gustler - 2495'<br>Base of Salt - 2810'<br>Yates - 2990'<br>Queen - 3630'<br>Penrose - 3765' | 3345'              | 3740'                         |

It is requested that top pool allowable for Harry Leonard "D" No. 2 be made effective June 22 based on the attached O-116. This increase in allowable results from successful stimulation of production by fracture treating.

Yours very truly,

C. F. DAVEN  
Area Superintendent of Production

CME/jg  
Att'd.