

D. M. FEREBEE  
Consulting Geologist  
ALBUQUERQUE, NEW MEXICO

April 12, 1956

5840 GAVILAN DRIVE, N.W.

TELEPHONE 4-5215

*Regular  
Hearing 14<sup>th</sup>  
on June  
Case # 1084 (a)*

Mr. Pete Porter  
N.M. Oil Conservation Commission  
State Capitol  
Santa Fe, New Mexico

Re: Walker Dome Area  
Sec. 13, 14, 23  
T15N R10W  
McKinley Co., N.M.

Dear Sir:

A hearing is requested before your commission to establish ten acre spacing for shallow oil wells on the Walker Dome Structure T15N R10W McKinley County, New Mexico.

The following general statistics are offered for your preliminary consideration.

Type of Structure: Faulted anticlinal nose  
Depth to producing horizon: 950 to 1000 feet  
Producing formation: Stray sand in basal Mancos  
(San Mateo?)  
Capacity of wells: 10 to 12 Bbl/day  
Quality of oil: 68 gravity  
Type of reservoir: Sand  
Type of reservoir drive: Water and gas expansion

The production on this faulted anticlinal nose is complicated by numerous small normal faults whose throw approximates the thickness of the reservoir sands.

D. M. FEREBEE

*Consulting Geologist*

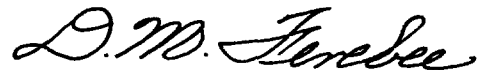
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In order to have a commercial operation in the area ten acre spacing is necessary in the sand reservoirs above the Dakota formation.

Yours very truly,

A handwritten signature in cursive script that reads "D.M. Ferebee".

D.M. Ferebee

Geologist for

Walker Dome Oil Co.

cc: Mr. R.L. Webb, Pres.  
Walker Dome Oil Co.  
Prescott, Arizona