

D. M. FEREBEE

Consulting Geologist

ALBUQUERQUE, NEW MEXICO

April 12, 1956

5840 GAVILAN DRIVE, N.W.

TELEPHONE 4-5215

*Regular
Hearing
on June 14th
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.

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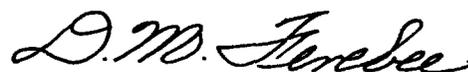
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In order to have a commercial operation in the area ten acre spacing is necessary in the sand reservoirs above the Dakota formation.

Yours very truly,



D.M. Ferebee

Geologist for

Walker Dome Oil Co.

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