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ODESSA NATURAL GASOLINE COMPANY

AMERICAN BANK OF COMMERCE BUILDING

POST OFFICE BOX 3508

ODESSA, TEXAS 79700

August 29, 1967

United States Department of the Interior
Geological Survey
Artesia, New Mexico 88210

Re: Federal Dooley #1
Eddy County, New Mexico

Gentlemen:

Attached please find application to plug and abandon Odessa Natural Gasoline Company's Federal Dooley #1, located in Section 14, Township 20S, Range 10E, Eddy County, New Mexico.

The well's current status is shut in - not producing. The well has a potential of 200 MCF of gas per day, but makes approximately 50 barrels of water daily. The moisture content of the gas after processing is 15#/MCF. Contract obligations are 7#/MCF and without major equipment changes in the processing plant, the gas will not meet specifications. This expenditure when added to the excessive cost of produced water disposal in this area makes future operation of this well uneconomical.

Enclosed are two well sketches showing the present completion and the proposed well status after plugging. Experience in this area leads us to believe that the gas string will not be recoverable below the intermediate. In order to recover any gas decompleted below this point, we propose to set a 50 sack plug in the top of the 7" and a 50 sack plug in the base of the 9-5/8". This will prevent the migration of any fluids that might occur in the event any open hole section is left open.

All plugs will be set with tubing in a cement lined hole in accordance with the New Mexico Conservation Commission specifications.

If this application is not complete enough, please contact the undersigned.

Yours very truly,

ODESSA NATURAL GASOLINE COMPANY

J. E. Smith

Geary E. King,
Assistant Secretary and Production
Superintendent

RECEIVED
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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO