

## GREENHILL PETROLEUM CORPORATION

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Incorporated in Delaware, U.S.A

March 24, 1992

Oil Conservation Division State of New Mexico Energy, Minerals and Natural Resources Department P. O. Box 2088 Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

RE: Unorthodox Location and Drilling Permit Proposed Well Number 125 Lovington Paddock Unit Lea County, New Mexico

Dear Mr. Stogner:

Greenhill Petroleum Corporation respectfully requests the State of New Mexico Oil Conservation Division grant approval of the proposed unorthodox location and the attached permit to drill Well Number 125 in the Lovington Paddock Unit, located in Lea County, New Mexico.

The Lovington Paddock Unit is presently developed and being waterflooded utilizing a forty (40) acre well density. It is believed that infill development using a twenty (20) acre well density will improve waterflood sweep efficiency and will increase secondary oil recovery. The proposed location for Well Number 125 is located in the interior of the unit and is not competitive with offset wells outside the unit. Information gathered as a result of drilling this infill well will be utilized in evaluating additional infill development potential in the unit and ultimately may be used to evaluate the feasibility of tertiary recovery.

Greenhill Petroleim Corporation wishes to commence drilling operations on the proposed well as soon as possible and would appreciate a response to this request at your earliest convenience.

Respectfully yours,

rebal Thwalt

Michael J. Newport Land Manager - Permian Basin

MJN:sjs 92.204 Enclosures

