



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

EXPLORATION AND PRODUCTION GROUP

June 11, 1990

Application for
Directional Drilling
Livingston Ridge No. 2
Section 1, T-22-S, R-30-E
Eddy County, New Mexico

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

Attn: William J. LeMay
Director

Sir:

We respectfully request approval to intentionally deviate our Livingston Ridge No. 2, as provided in Statewide Rule 111. The current surface location of this well is 1200' FWL and 2240' FSL, with an intended bottom hole location of 660' FWL and 1980' FSL at a depth of 12,500'. The unorthodox surface location was altered due to topographic conditions and archeological sites as determined from archeological surveys performed as required by the BLM. The intended bottom hole location is an orthodox location.

Attached is a plat showing surface location and targeted bottom hole location. Also attached is a topographic map illustrating the surface obstructions. Not indicated on the map are the abundant archeological sites which have designated other possible drill sites as unacceptable.

This directional well shall be tested at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104.

All offset operators, indicated on the attached, have been notified of this application by certified mail. Your consideration and approval will be appreciated. Please direct any questions to the attention of Mike Decker, telephone (915) 368-1557.

Sincerely,

J. E. Pickett
Supervisor,
Reservoir Engineering