



DIRECTIONAL
INVESTMENT
GUIDANCE, INC.

SURVEY CERTIFICATION

STATE TEXAS

COUNTY OF MIDLAND

I, Larry Massey, in the employ of D.I.G., Inc., did on the days of 3-21, 19 87 through 3-21, 1987 conduct or supervise the taking of a Magnetic Multiple Shot survey by the method of magnetic orientation from a depth of 6836 feet to 9341 feet, with recordings of inclination being obtained at approximate intervals of 93 feet.

This survey was conducted at the request of North American Royalties for their L.C.C. State Well No. 1, Lea County, State of New Mexico in the _____ field.

The data for this survey were obtained by me according to standards and procedures as set forth by D.I.G., Inc., and is true and correct to the best of my knowledge.

Larry Massey

Larry Massey

The data for this survey has been examined by me and conforms to the principles and procedures as set forth by D.I.G., Inc.

Ralph L. Rice

Ralph Rice