

MAMMOTH GEOPHYSICAL, INC.

PO Box 200/600 Saxman Street, Barrackville, WV 26559 - 800/822-6788, 304/366-8019

Web Site www.mammoth-geo.com - Email maps@mammoth-geo.com

Natural Fracture Maps - KUTT Radiometric Surveys - ERFS Fracture Surveys - Geochemical Surveys

February 20,

Mr. Dave Hall
GeoMaxx
3131 Custer Drive #9
Lexington, KY 40517

Dear Mr. Hall,

Enclosed is the Digital Spectral Satellite Map (DSSM) of your Sanford Quadrangle, TX prospect. The map provided in this report is based on Digital Spectral Satellite Images. Over 115,000 digital pixels were analyzed. The interpretation is based on pixel pattern recognition algorithms, the 2.31 μm (micron) hydrocarbon absorption anomaly, stressed vegetation analysis, and the reflectivity ratios of iron and clay minerals as seen in spectral satellite data. All opinions are based on field experience and published data.

The DSSM map covers an area of over 10 square miles. The map shows the combined spectral image and topography. In summary the red, orange, and yellow areas show the best hydrocarbon potential in our opinion. The green and blue areas show very low potential in our opinion. Oil prone areas generally occur in the gold-red ranges while yellow seems to indicate gas but could be oil. There is no way to tell from these maps if it is oil or natural gas. There is also no way to tell how deep or how much there may be. Cultural disturbances of the surface such as plowed fields, certain crops, and fertilization may affect these results by introducing artificial false positive and or false negatives. Your knowledge of actual conditions on the ground is an important component of interpretation. Based on these data it does not seem unreasonable to assume that this area may produce hydrocarbons and that further geologic or geophysical investigation may be warranted.

In conclusion Digital Spectral Satellite Maps are a useful tools for selecting drill sites and understanding potential production trends. DSSM used in conjunction with other geological and geophysical information should reduce risk and help in the selection of optimum drill site. If you have any questions or need further documentation please don't hesitate to call.

Very sincerely

Ray Garton, President
American Institute of Professional Geologists (AIPG) Member #0821

Disclaimer: Nothing in this report is to be construed as a guarantee that hydrocarbons will be found. All interpretations are opinions based on inferences from Remote Sensing, Geophysical, Geochemical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. Opinions expressed and any reliance on them is the sole responsibility of the client.