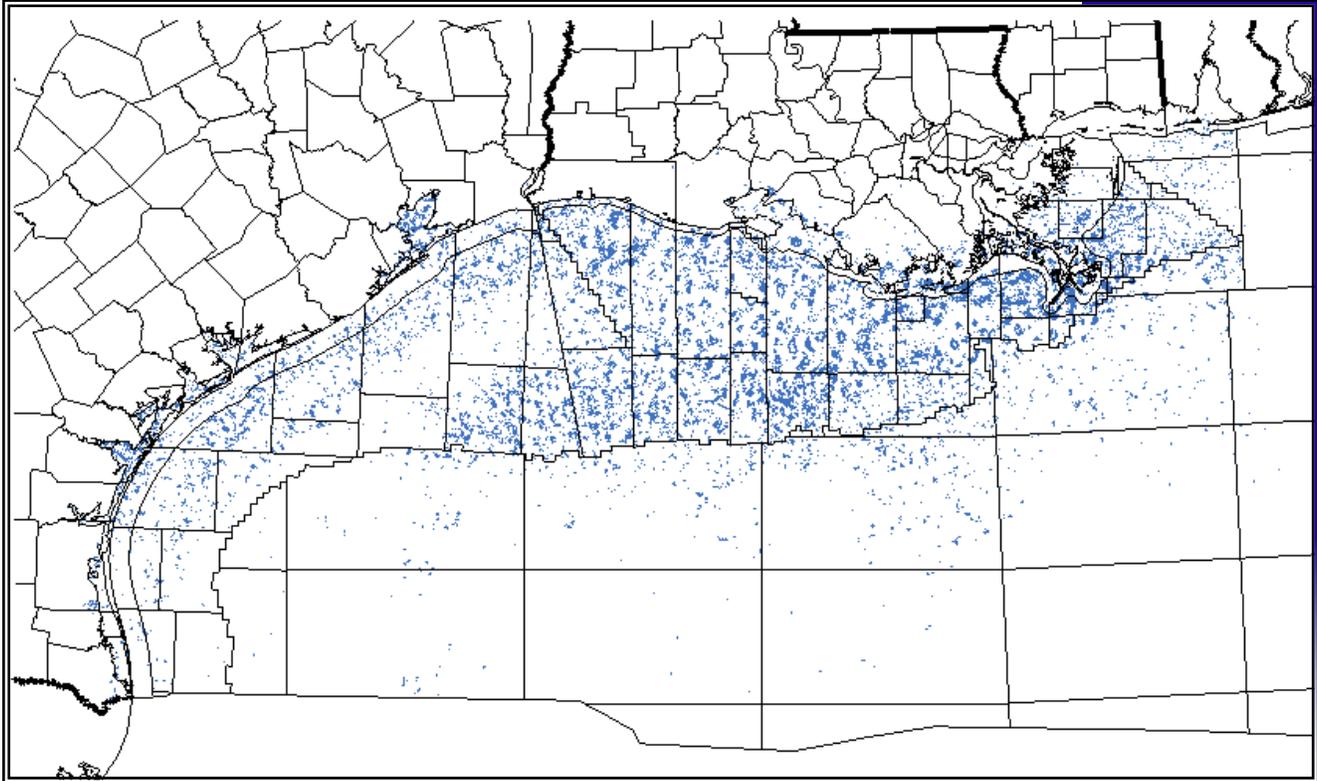


EII DIRECTIONAL SURVEYS

The Best Way To
Enhance Your Seismic
Interpretation



Directional survey data is borehole location data collected at frequent intervals during drilling operations. Knowing the correct path of your well bores is essential in proper well control for your interpretations.

Energy Graphics markets the most comprehensive directional survey database available today in digital form. We are the exclusive source for Energy Information, Inc.'s proprietary database, which includes directional wells drilled in the Gulf or Mexico virtually covering the Gulf. This database contains over 50,000 wells, with new wells added monthly.

This data cannot be matched for quality, reliability, and cost effectiveness. The file is complete with the raw data, true north and/or grid north information. This information can be provided in a variety of formats to accommodate your interpretation workstation. Wells are priced on a descending price per well basis depending upon the number of wells licensed at any one time. Call to request a price list or obtain a quote on a particular area.

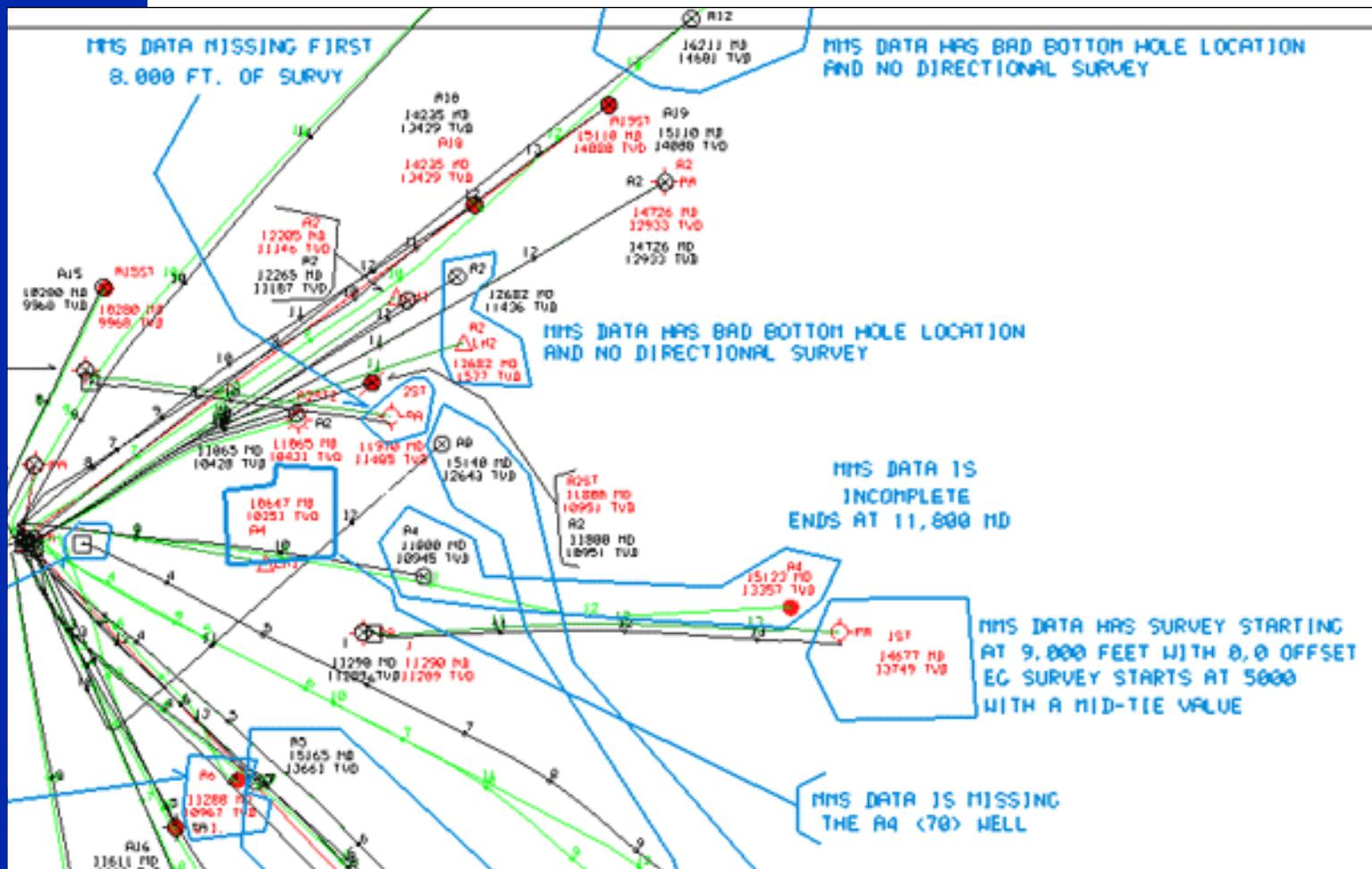


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Sample corrections—EG Directional Survey data (red) vs. MMS data (black)

EG vs. MMS - The difference could be crucial to your project!

The Energy Information, Inc. Directional Survey Database is actively maintained to verify each well bottom hole and tie back each survey to associated wells. Energy Graphics data currently consists of over 50,000 directional surveys versus only approximately 28,000 in the MMS database. Over the last 20 years, Energy Graphics has hand entered these directional surveys from the available hard copy information. The academic issues such as North Reference, Grid Declination, S-tie or M-tie Calculations, Computed Correction Angles, Borehole Compositing, Mathematical Computation Method and API number issues have all been addressed.

Output and Purchase Options

The output formats are usually Energy Graphics, Landmark, Geoframe, SMT, or a spreadsheet. The data can be sold several different ways. Most of the companies who are doing Gulf wide exploration license the entire file while other companies who are concentrating on specific areas order only the wells in which they have an interest, as they need them. The breakdown on these directional surveys includes approximately 37,000 surveys on the shelf in federal waters, 4,500 surveys in the deep water, 3050 in the Texas state waters and 5,800 in the Louisiana state waters.