Survey Design Management

RPS Energy personnel are internationally recognized in both leading and supporting all aspects of borehole seismic. This includes traditional VSP, Fiber Optic (DAS), Seismic While Drilling, Time Lapse Monitoring and Microseismic, from conception through planning and acquisition, to processing and evaluation of the data. Project Management is a service to clients requiring borehole seismic to solve an exploration problem. Survey Design is one component of the Project Management portfolio.

Project Management Portfolio
- Survey Design Management
- Acquisition Management
- Processing Management
- Interpretation Services

Survey Design Management

Vendor suitability
- RPS will determine if the vendor staff have the technical capability to perform the job
- RPS will determine if the vendor survey design techniques and algorithms are fit for purpose

Processing validation
- Confirm the vendor’s proposed flows are optimal for the survey objective
- Advise on alternative survey design approaches

Quality control
- Check vendor designs and validate results
- Determine if design meets client objectives and requirements
- Advise on corrective procedures
- Survey design QC reporting

Recommendations
- Determine and optimize the logistics required for a successful project
- Evaluate bids and recommend acquisition and/or processing contractor.

RPS VSP survey design
- Perform simple 2-D acquisition survey designs
- Sub-contract and manage high end survey design projects

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Earth Model     Design/Ray Tracing     Sub-surface Coverage