

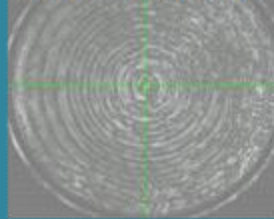
Think Before (or After) You Shoot!

Geophysical Hypothesis Testing with WIT Sim

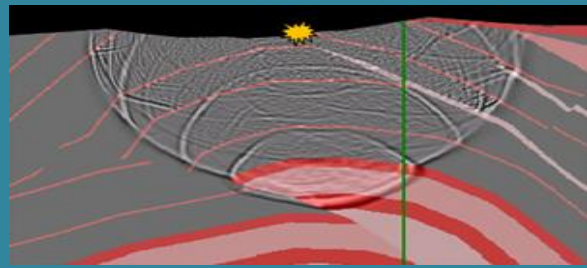
Acquisition Geometry Testing...

Our 3D Acoustic Wavefield Simulation can model full 3D shots from arbitrary topography (land, VSP, OBC). Almost any potential acquisition geometry (wide azimuth, narrow azimuth, etc.) can be extracted. Using our flexible 3D Wave Equation Shot Record Depth Migration, we migrate the data and close the "experimental loop". It's just like shooting your own data, except much cheaper and faster.

Narrow Azimuth



Wide Azimuth



Geophysical Scenario Testing...

Multiple or primary? How much angular illumination of the target? Any illumination at all? Time migration versus depth migration?

If you're faced with a "bad data" situation, you've got more questions than answers. Realistic, cost-effective controlled experiments are a must to get to the bottom of the problem. Give us your best earth model, or let an expert structural geologist at Grizzly Energy Resources build it. We can run our angle decomposition 3D Wave Equation Shot Record Depth Migration to give you serious geophysical ammunition in the next exploration meeting.

WIT Sim: The ultimate illumination study

Wide Azimuth, Ocean Bottom Nodes, 3D VSP...these innovative acquisition technologies *may* improve your prospecting. The wrong choice can cost a lot of time and money. WIT Sim is like having your own survey crew and processing shop.

Already have your own problematic dataset? What went wrong? Why? How can I get some value out of my data? Stop speculating and start getting answers with WIT Sim.



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