



Crescent Geo

Solving Your Seismic Puzzles

Expert Seismic Solutions

PROCESSING

IMAGING

RESERVOIR SERVICES

CONSULTING/QC

www.crescentgeo.com

ABOUT CRESCENT GEO

Crescent Geo was opened in 2006 with a mission to provide the highest quality seismic imaging services to the Oil & Gas industry. Since that day, we have successfully tackled projects here at home and across the globe imaging both conventional and unconventional resources in a wide variety of geologic provinces. Our seasoned team of staff and consultants along with cutting edge technologies and advanced workflows come together to enable Crescent Geo to provide the best seismic results in the industry.

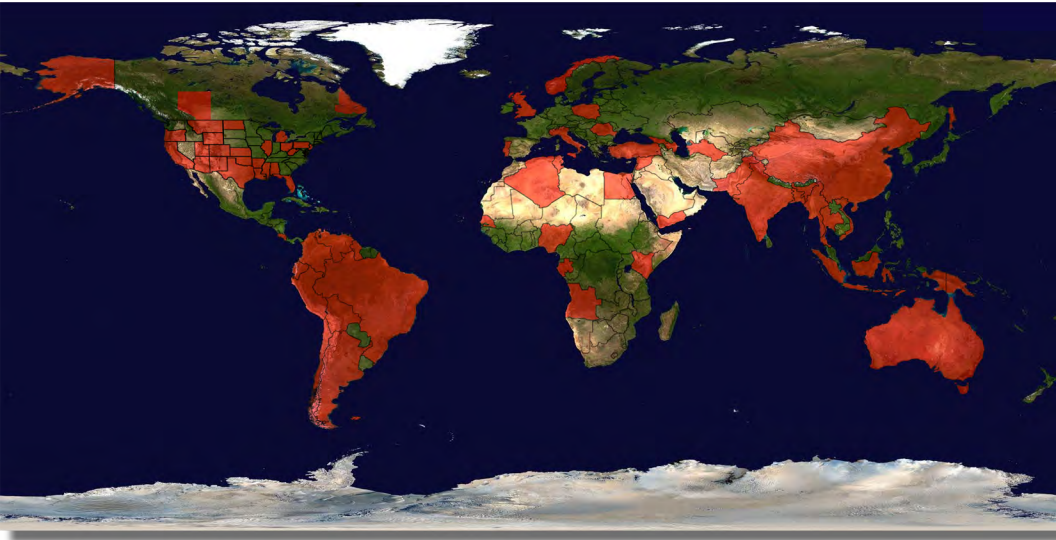
OUR TEAM

Crescent Geo's Chief Geophysicist, Syed Zaman, has excelled during his 35 years of experience in seismic imaging. The bulk of Syed's career, over 14 years, was spent with UNOCAL where he amassed experience throughout the globe. He has also worked with many seismic service companies including Paradigm, Western, GX Technology (ION), and Fairfield. Syed has been recognized for his seismic imaging work numerous times throughout his career including the UNOCAL Centennial Creativity Award for Outstanding Performance in Seismic Processing.



Syed leads an expert team of geophysical staff and consultants, many of whom have exceptionally contributed to oil and gas exploration efforts around the globe for three to four decades.

OUR EXPERIENCE



Crescent Geo has the knowledge and breadth of experience to tackle all of your seismic issues. Around the globe, Crescent Geo's staff and consultants have worked on data from over 45 nations on six continents. In the United States, our team has collectively worked on projects encompassing most major basins in well over 20 states.

Newly acquired or vintage 2D, 3D, and multicomponent data. Onshore, transition zone, and offshore. Conventional or Unconventional. Salt, permafrost, overthrust, overpressure, and more. Crescent Geo's team is ready to solve your seismic puzzles.

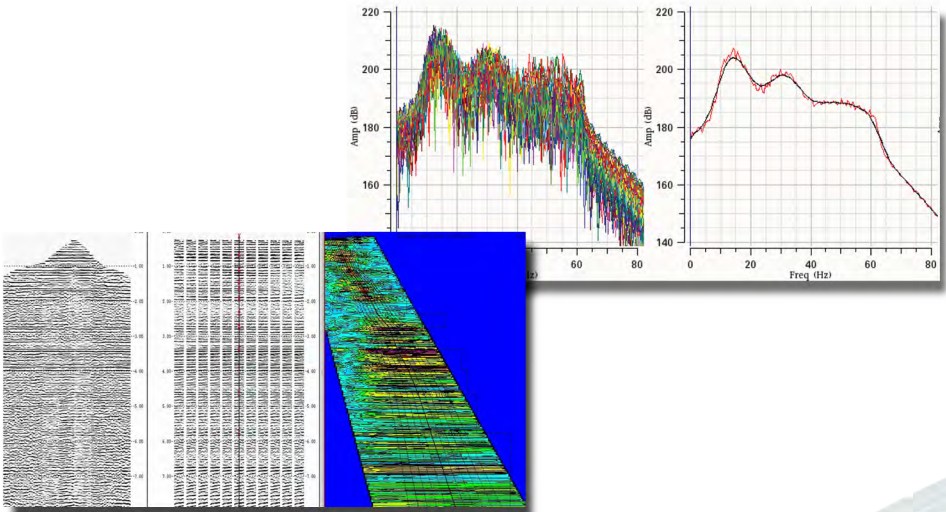
PROCESSING

The foundation of successful oil and gas exploration is the elimination of risk. And, working with an accurate seismic image is a great tool to help achieve this goal. Crescent Geo prides itself on processing seismic data the right way. From geometry onward, an imaging company must pay close attention to details, conduct tests when warranted, and ensure that its clients are on board with the steps being taken.

Once your initial processing is complete, Crescent Geo can also perform advanced services including spectral enhancement and attributes to help provide a more complete understanding of your data.

SERVICES INCLUDE

- Post- and Pre-Stack Time Migration
- Survey Merging
- Spectral Enhancement
- Gather Conditioning
- Anisotropy
- Wide Azimuth
- Multi-Component
- Seismic and AVO Attributes
- Interpretation
- Statics



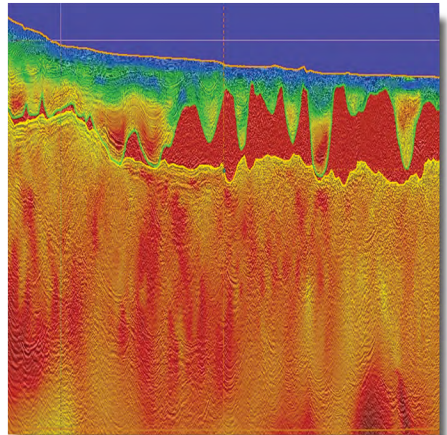
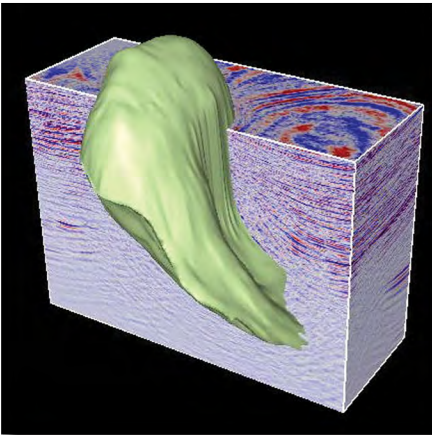
IMAGING

Crescent Geo has quickly earned a reputation for providing exceptional imaging results in a wide array of geologic regimes combining innovative, proprietary, and time-tested workflows. Our Pre-Stack Depth Migration results are recognized as much more accurate than others in the industry. Crescent Geo especially excels with land and marine projects where salt plays a role in the regional tectonics.

In addition to more traditional approaches to depth imaging, Crescent Geo also employs many of the cutting edge tools available in the industry including RTM, VTI and TTI anisotropy in both our migrations and model building, and WAZ.

SERVICES INCLUDE

- Post- and Pre-Stack Depth Migration
- Reverse Time Migration
- Velocity Model Building
- Anisotropy
- Tomography
- Sub-Salt Imaging
- Seismic and AVO Attributes
- Multi-Component
- Interpretation



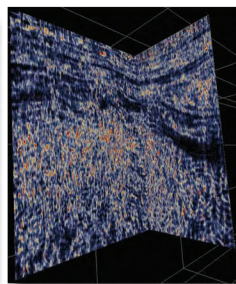
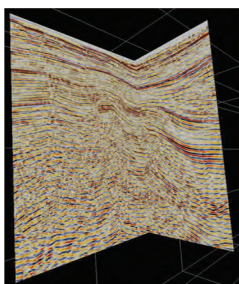
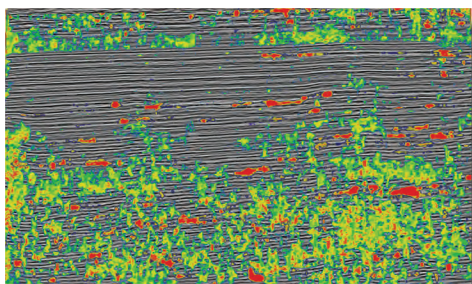
RESERVOIR SERVICES

Processing and imaging alone do not always provide sufficient risk-reducing information when exploring in mature fields and for unconventional reservoirs. In these cases, Crescent Geo's reservoir services can provide clients with the closer look needed to help identify, appraise, and develop their reserves.

Whether your company has a need as simple as gather conditioning, or an in-depth study into your particular geology, let Crescent Geo's team work closely with your geologists and geophysicists to provide the advanced images necessary to make more confident drilling decisions.

SERVICES INCLUDE

- Fault and Fracture Enhancement
- Coherency
- Spectral Blueing
- AVO
- Inversion
- Gas Chimney Analysis
- Petrophysical Analysis
- Attribute Analysis
- VSP



OUR TECHNOLOGY

Crescent Geo utilizes industry leading seismic technologies to tackle the processing, imaging, and reservoir needs of any client to ensure superior, accurate, timely results. Our relationships with our technical partners allow Crescent Geo to respond promptly to all technical requirements that any project may pose. Our technical team works very closely with our clients ensuring that they are involved throughout the entire project enabling Crescent Geo to offer an unmatched level of customer satisfaction.

Crescent Geo's computing environment includes Intel and AMD Opteron-based Linux clusters to meet the high performance demands of today's projects. Crescent Geo is continuously expanding its hardware environment and software portfolio to offer leading 2D, 3D, and multi-component services. Crescent Geo software deployments include the following:



HAMPSON-RUSSELL



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