



**SEITEL DATA**

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**North Conway 3D**

**Yolo, Sacramento &  
 Sutter Counties, CA**

Miles  
 0 0.1250.25 0.5 0.75 1

Projection: NAD 1927 California Zone II 0402

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# North Conway 3D Survey Yolo and Sacramento Counties, California

## Acquisition Parameters

Acquired	
Survey Size	25.452 sqmi
Recording System	
Sample Rate	2 ms
Record Length	
Nominal Fold	
Source	
Source Spacing	440'
Source Line Interval	1760'
Source Line Orientation	N-S

## Patch & Box Dimensions

Channels	
Spread	
Patch	
Group Interval	220'
Receiver Line Interval	880'
Receiver Line Orientation	E-W
Receiver Array	
Bin Size	

## Generalized Processing Sequence

- 1) Reformat
- 2) Geometry Definition & Application
- 3) Q.C. Surveying/Positioning Data
- 4) Display Field Records & Edit
- 5) 3D Refraction Statics (if necessary)
- 6) Spherical Divergence & Gain Correction
- 7) Surface Consistent Amplitude Correction
- 6) Deconvolution
- 7) Binning of Data
- 8) Regional Velocity Analysis ( 1 mile grid )
- 9) Initial Stacks
- 10) Structural Velocity Analysis ( 1 mile grid )
- 11) 3-D NMO Correction & Stack
- 12) 3-D Surface Consistent Residual Statics
- 13) Velocity Refinement
- 14) Second Iteration of 3-D Surface Consistent Residual Statics
- 15) 3-D DMO Correction
- 16) Velocity Analysis ( ½ mile grid )
- 17) Final Stack
- 18) One Pass Migration
- 19) Final Filtering & Scaling

