

Crump Geyser, Oregon Update

Patrick Walsh¹, John Casteel² and Brian Koenig²
Presented to Oregon Geothermal Working Group
April 11, 2011

¹Ormat Nevada Inc.

²Nevada Geothermal Power



GREEN ENERGY you can rely on



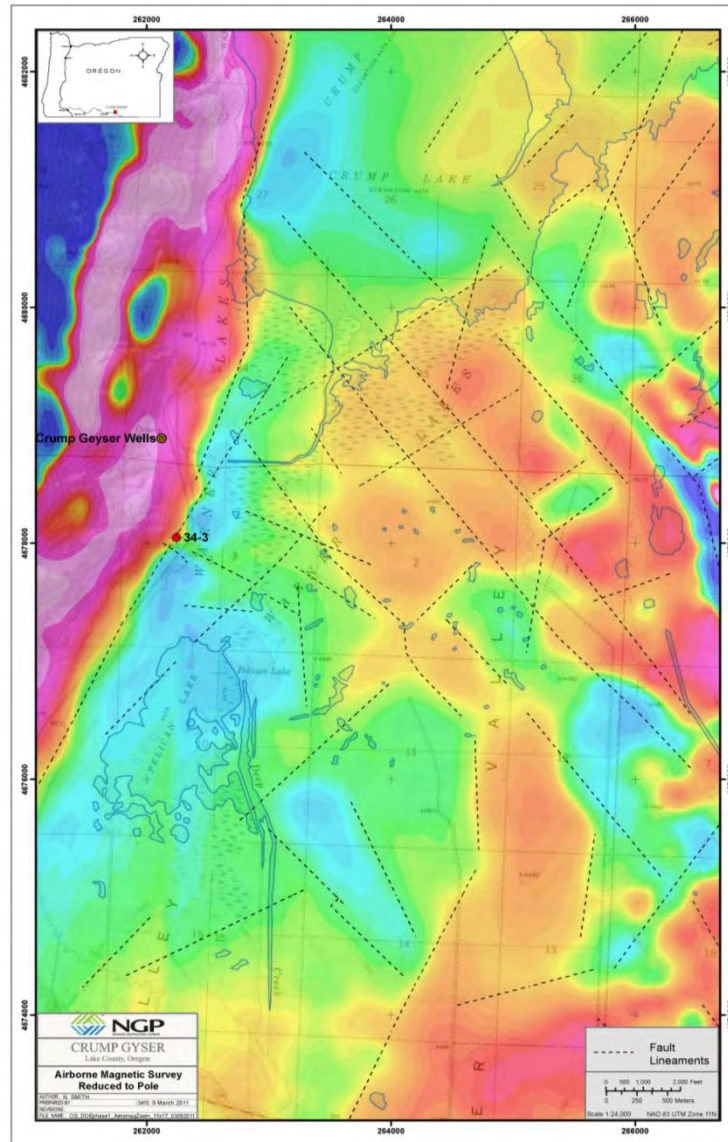
Crump Geyser Summary

- NGP and Ormat agreed to co-develop project
- All exploration surveys collected
- Historic well data uncovered
- All data will be combined in 3D structural model
- Drilling targets are being finalized

Crump Geothermal Company, LLC

- Subsidiary of NGP and Ormat Nevada, Inc.
 - Owned on a 50-50 basis
- Agreement signed November 1, 2010
- Anticipate starting service before the end of 2013
- Exploration drilling in progress
- Waiting for DOE recognition of Ormat Nevada, Inc. as sub-awardee to move forward with DOE cost-share grant

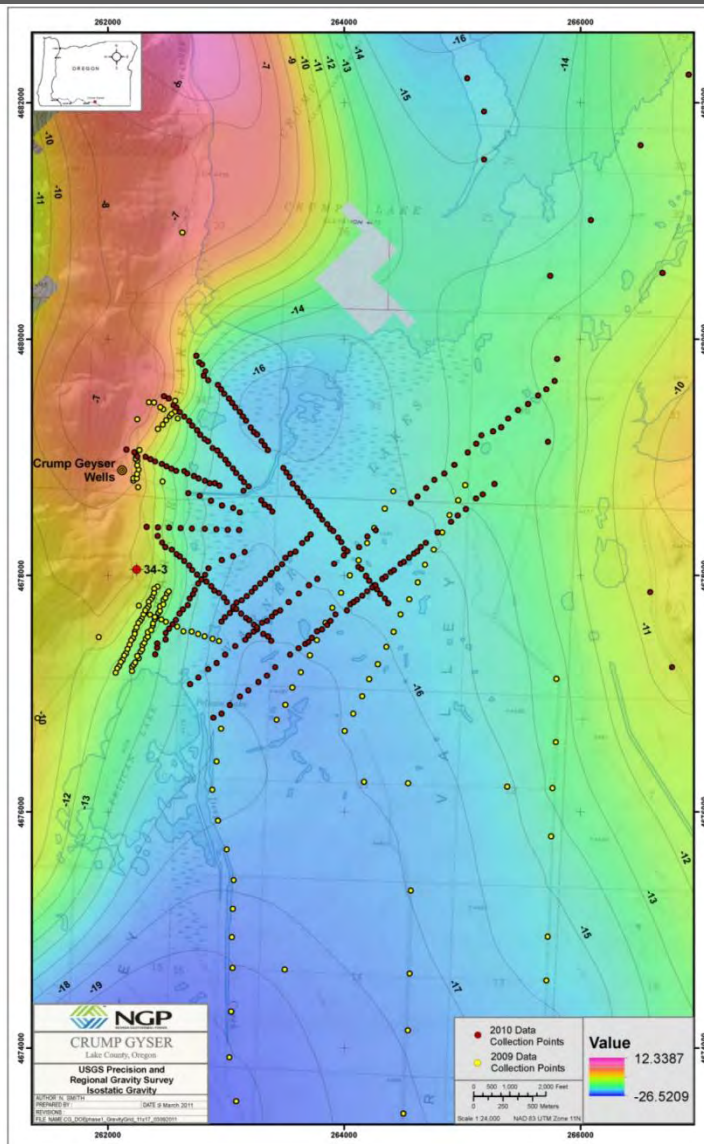
Warner Valley Aeromagnetic Data Reduced to Pole



GREEN ENERGY you can rely on



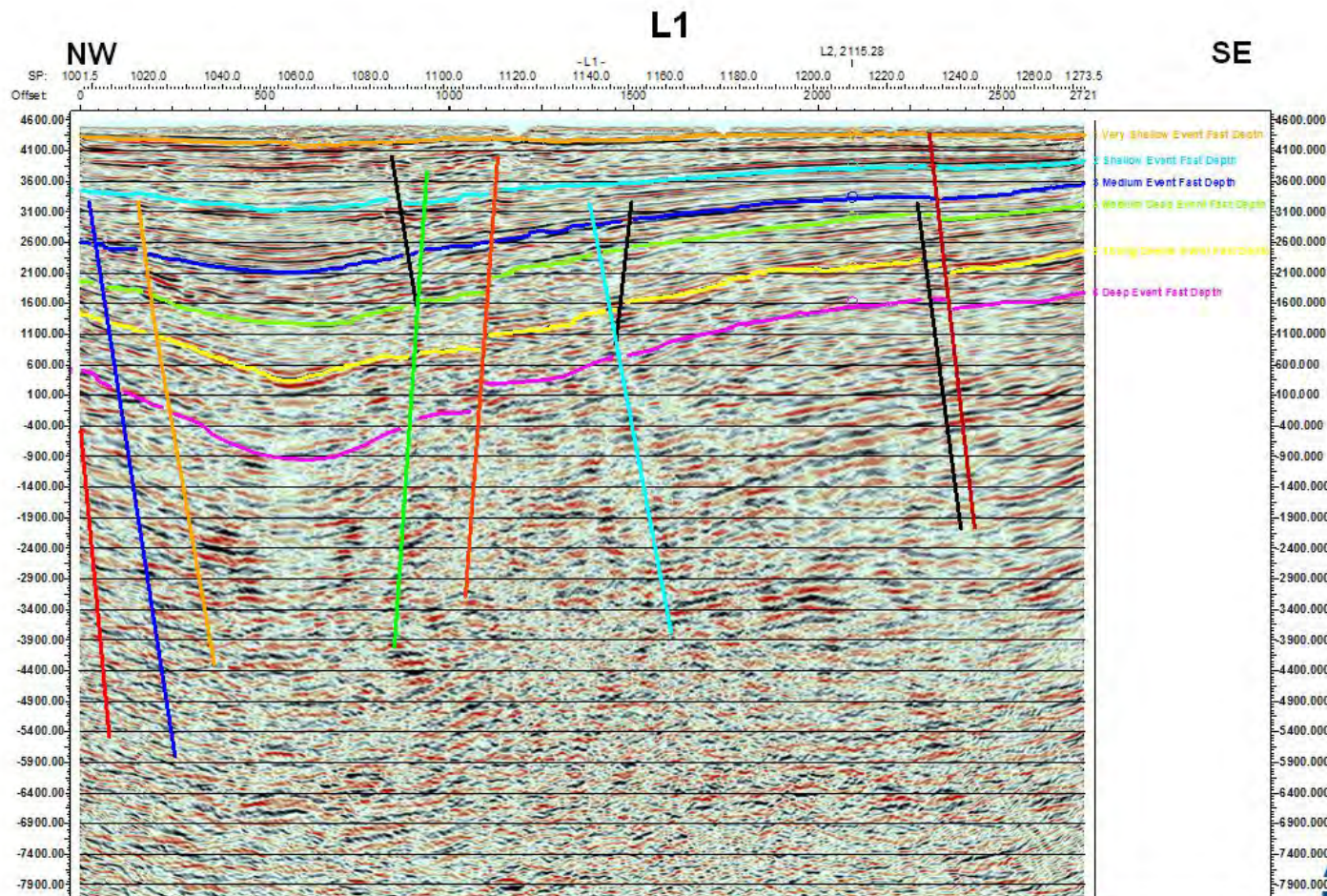
Warner Valley Isostatic Gravity



GREEN ENERGY you can rely on



Crump Geyser 2D Seismic Data



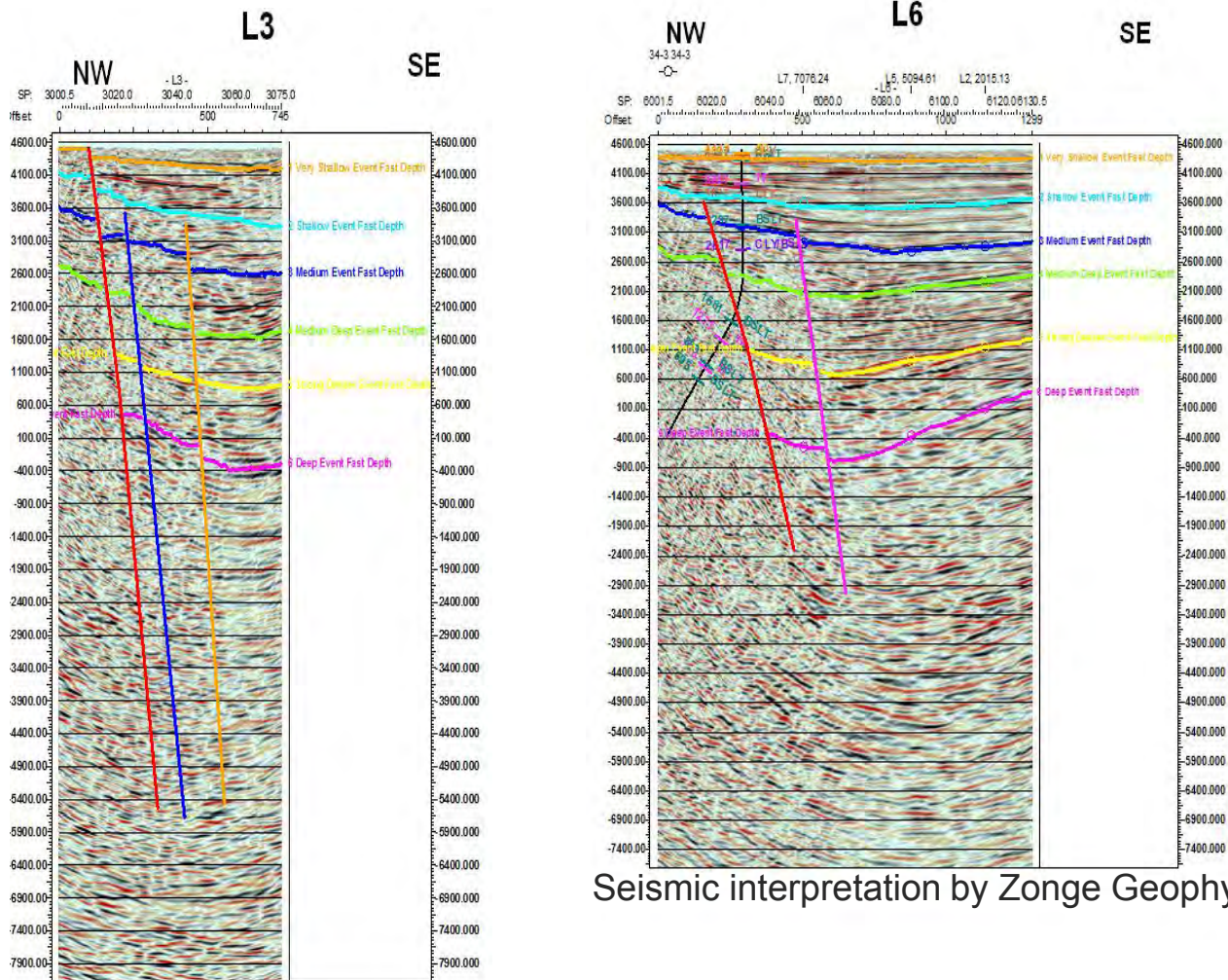
Seismic interpretation by Zonge Geophysics



GREEN ENERGY you can rely on



Crump Geyser 2D Seismic Data



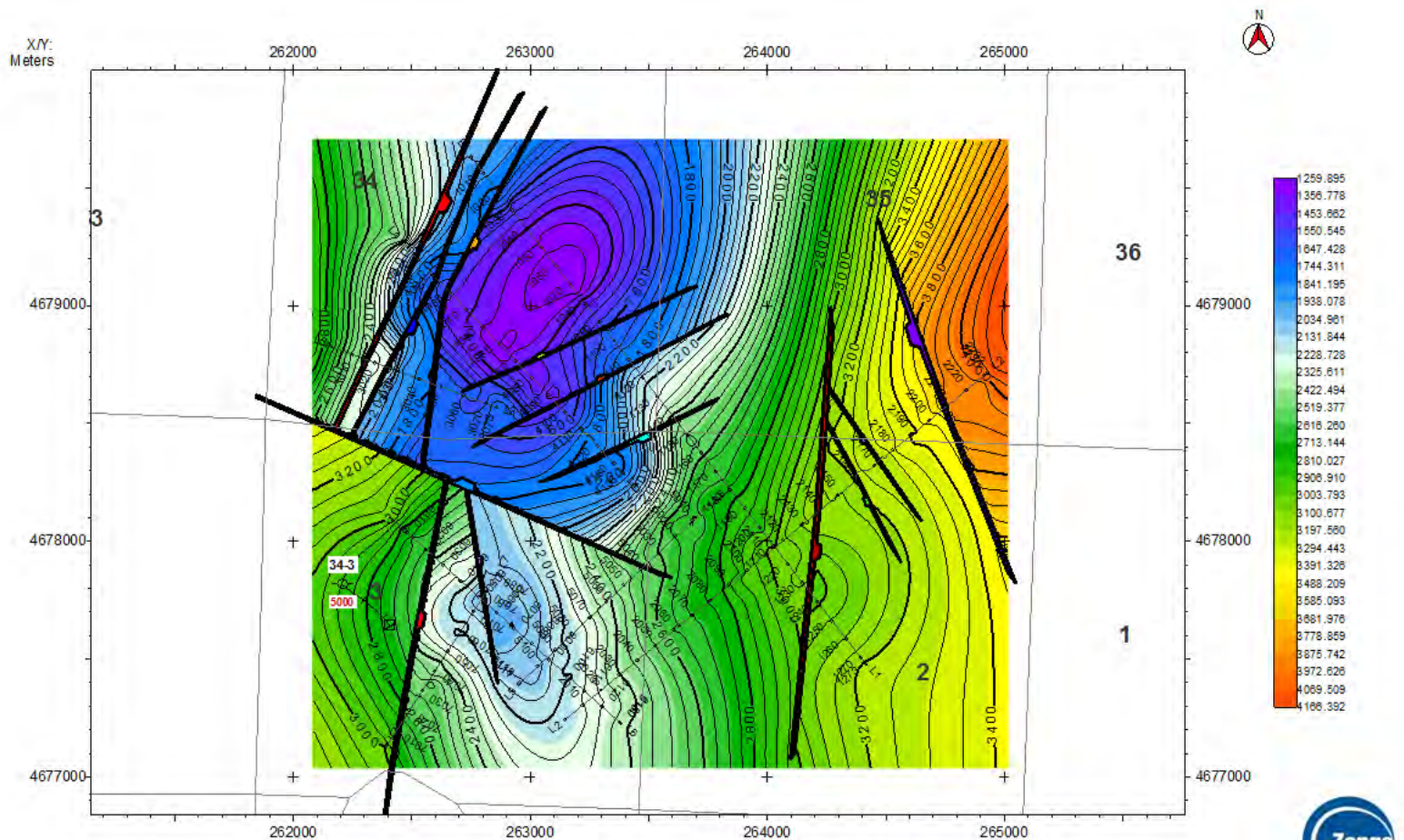
Seismic interpretation by Zonge Geophysics



GREEN ENERGY you can rely on



Crump Geyser Structure (green event)



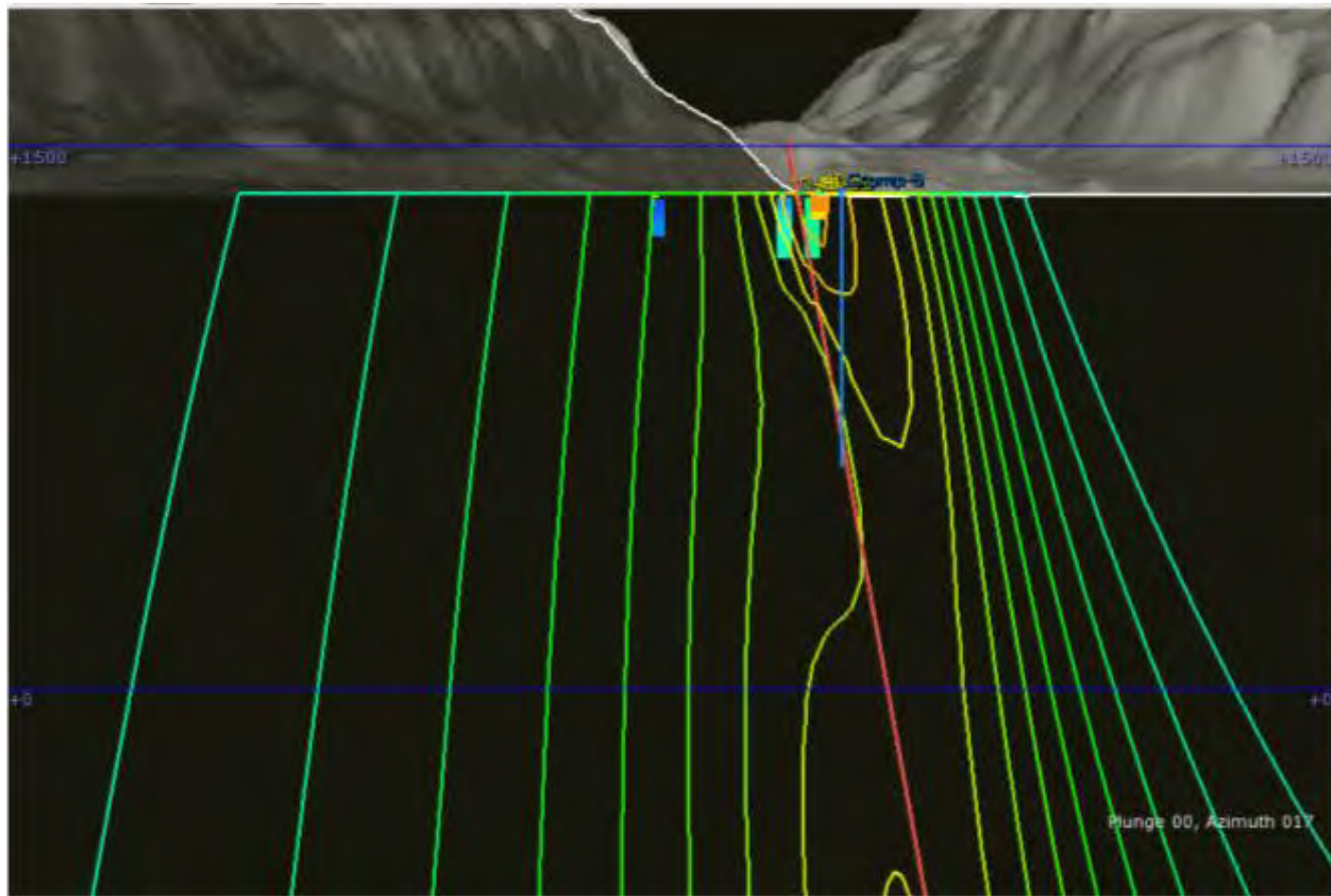
Seismic interpretation by Zonge Geophysics



GREEN ENERGY you can rely on



Crump 3D model



GREEN ENERGY you can rely on



Crump Summary

- Exploration surveys mostly completed
- About to move to Phase II of DOE project
 - Exploration drilling
- Well permits imminent



GREEN ENERGY you can rely on

