



Interpretation of Section 2 (radial to Dome), with log correlations to the top of the Paradox by Herkenhoff (for Buck Mesa well) and Superior Oil (for Murphy Range well). White lines show interpreted faults as well as stratigraphy. Note the 90 m thinning of the Cutler, Moenkopi, and Chinle Formations at the Buck Mesa well in the Ring Syncline, as compared to their thicknesses at the Murphy Range well, outside the zone of deformation. While the seismic section does suggest deformation of the Hermosa Formation, there is no comparable deflection of the top of the Paradox salt.