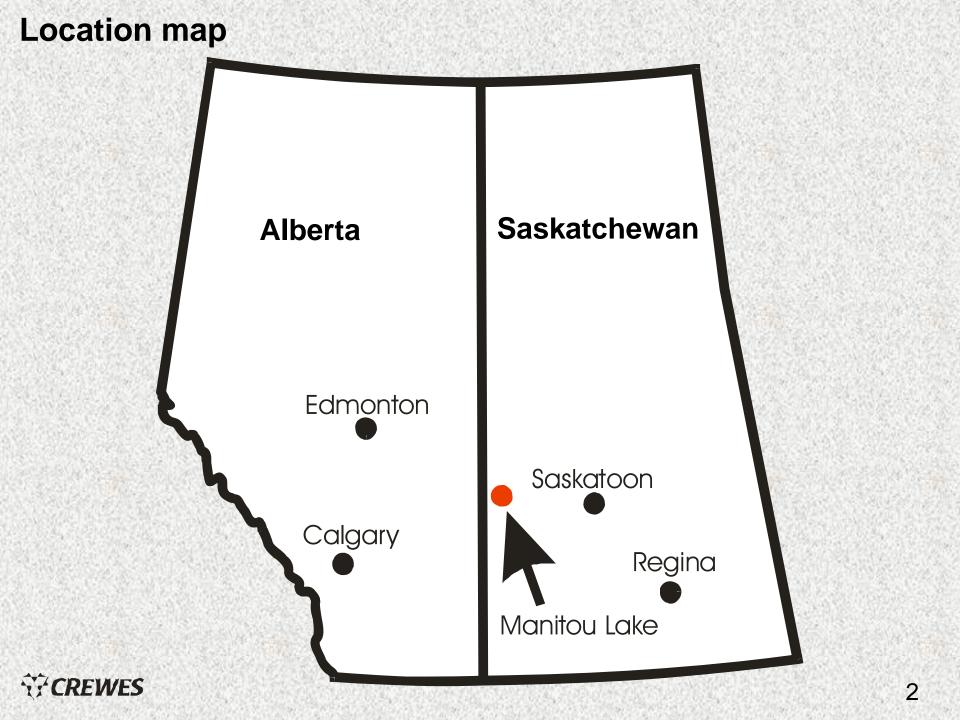
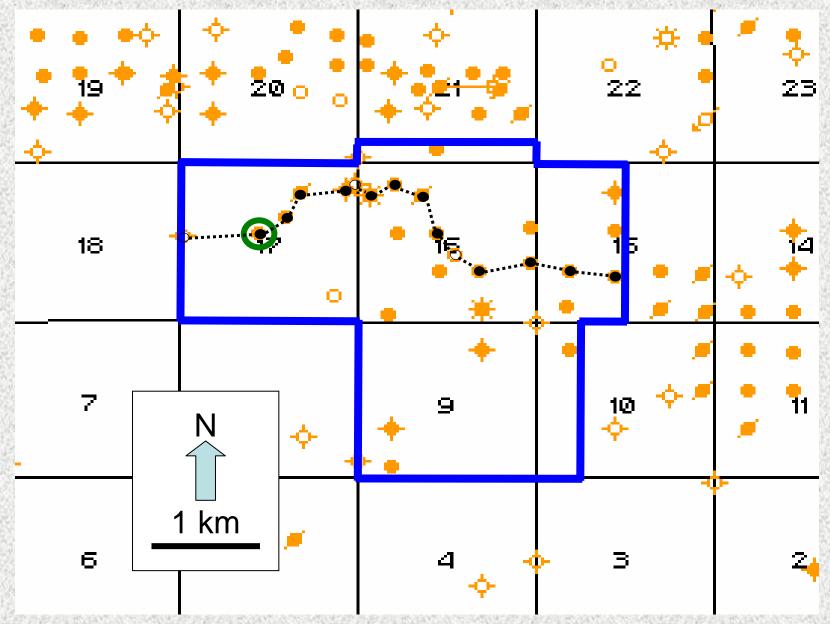
Searching for sand reservoirs: Analyzing 3C-3D seismic data from Manitou Lake, Saskatchewan

Han-xing Lu, Kevin W. Hall* and Robert R. Stewart





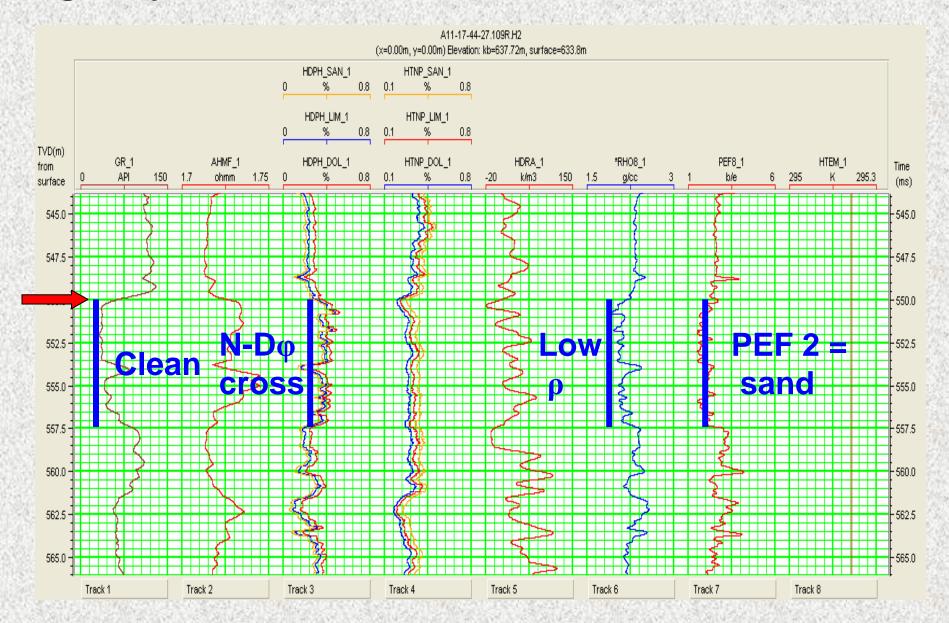
Well locations





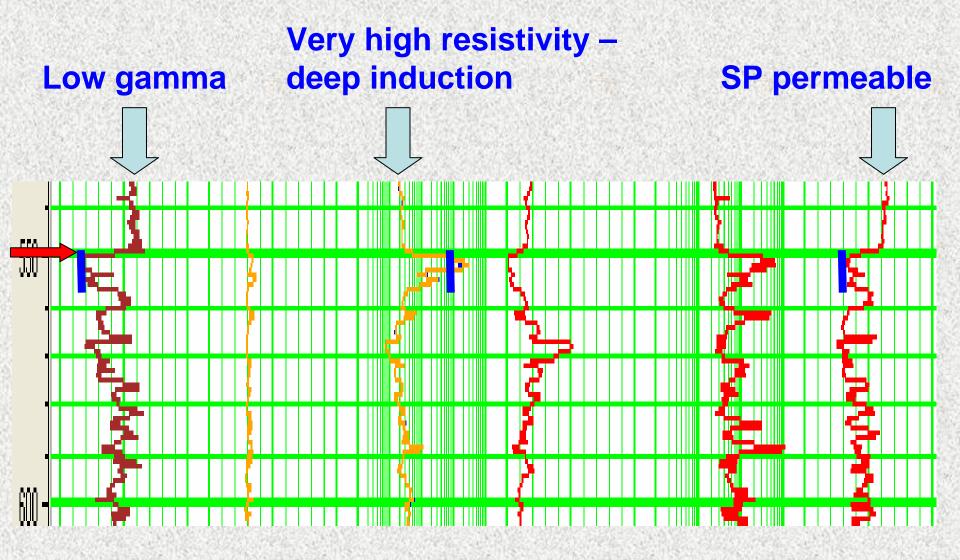
3

Log analysis for sands



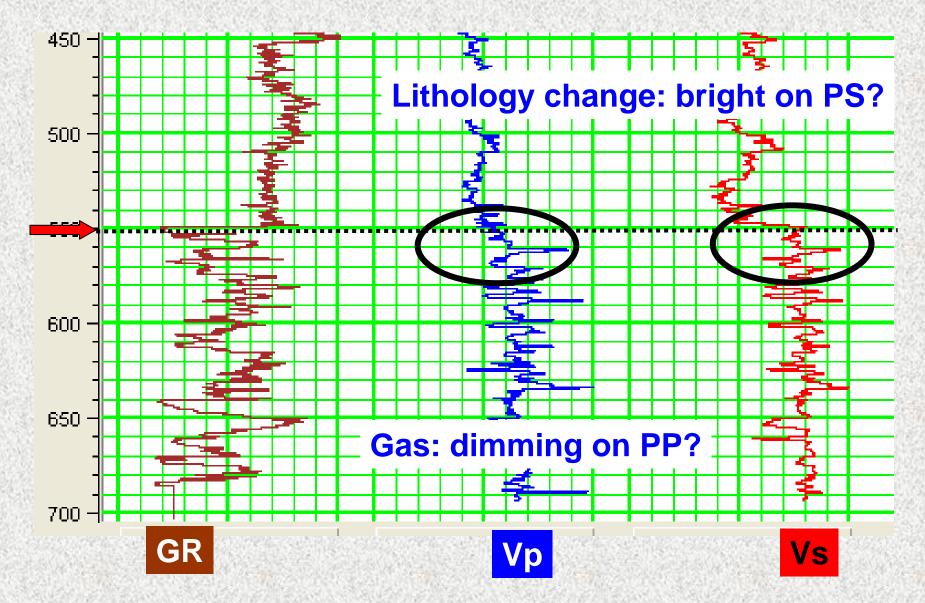


Classic gas from log inspection



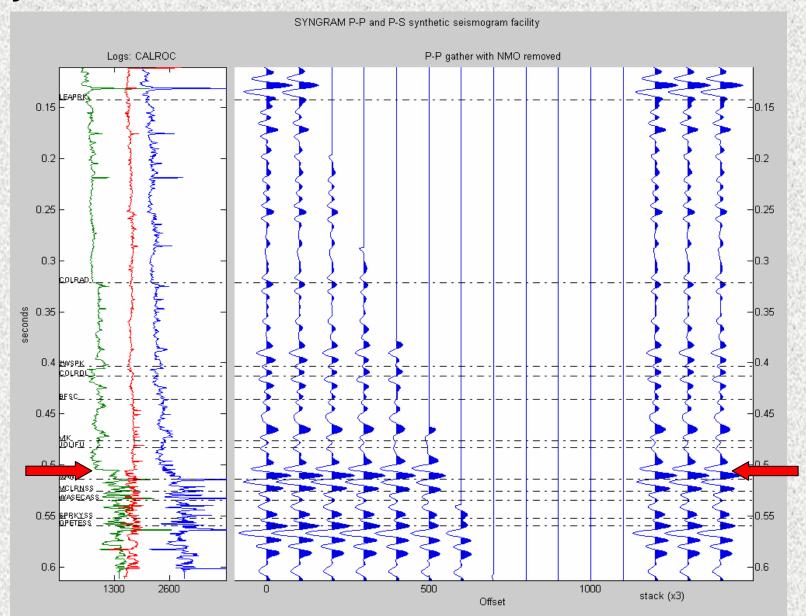


Interesting elastic effects





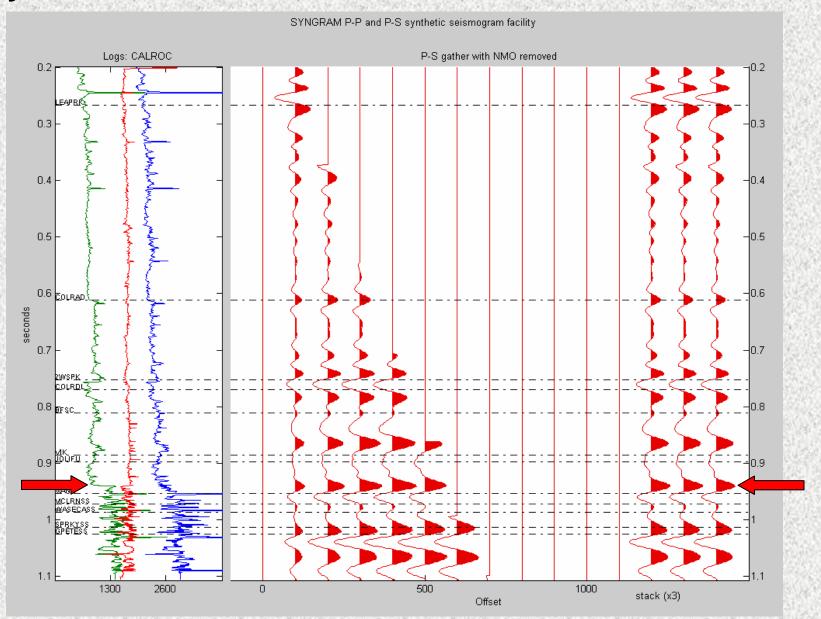
P-P synthetic





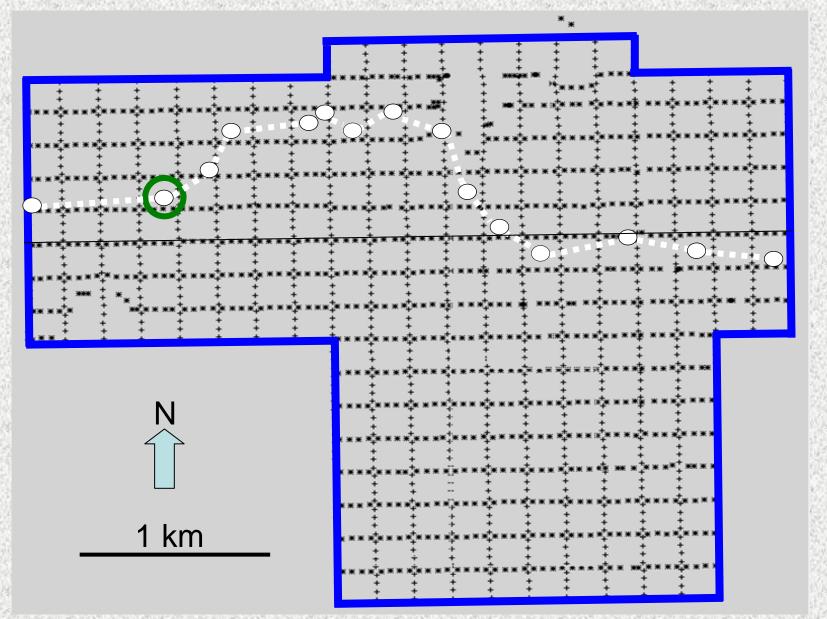
107

P-S synthetic



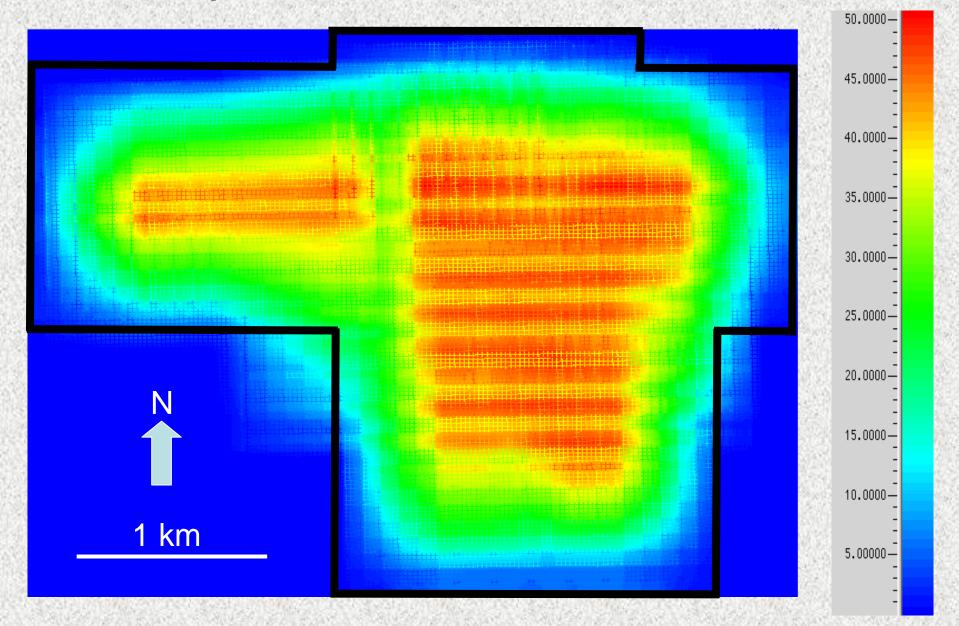


Survey map



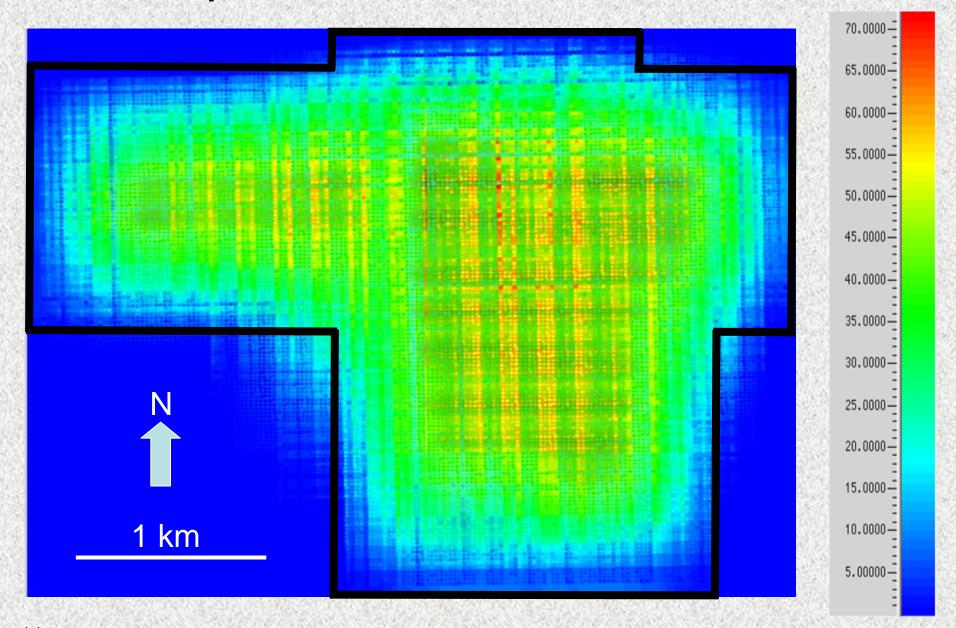


CDP fold map



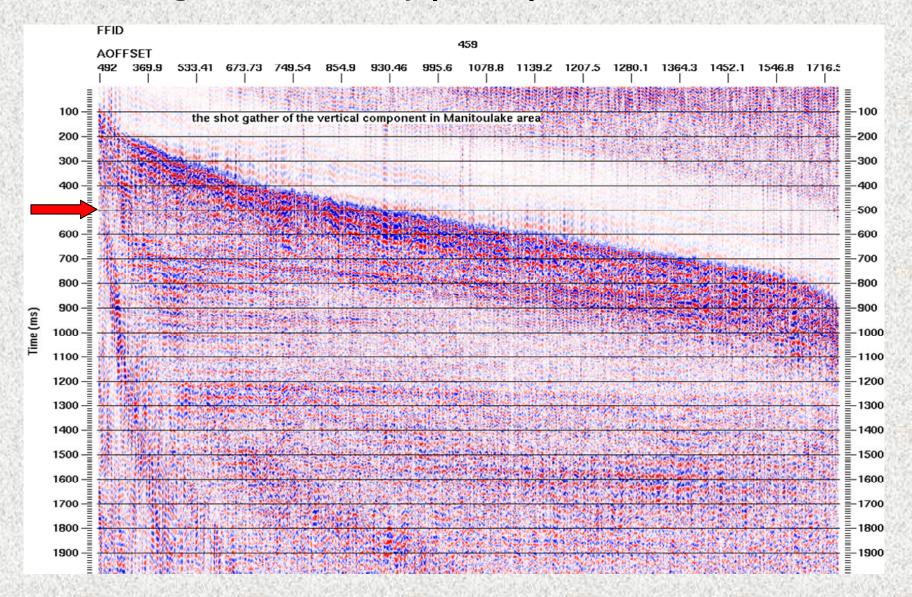


ACP fold map



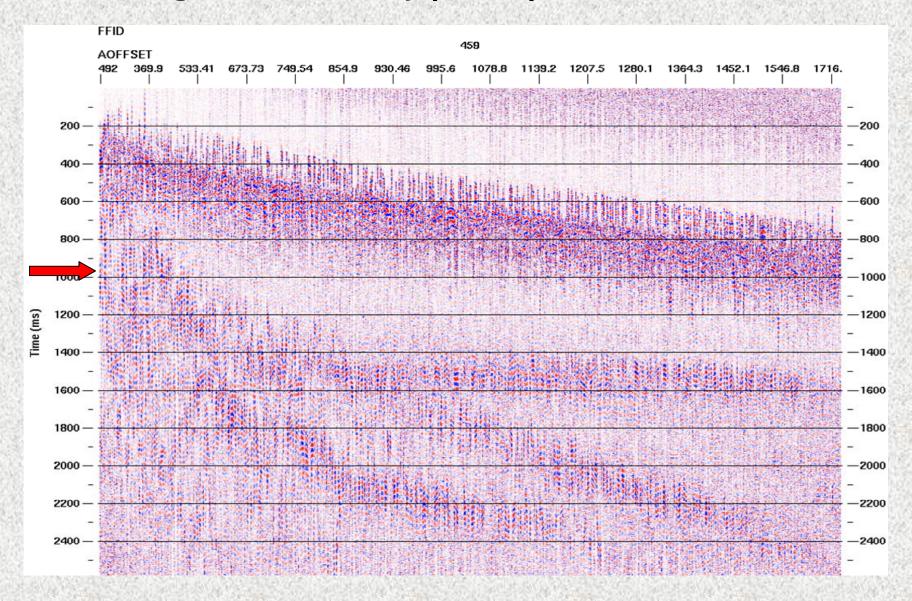


P-P source gather sorted by |offset|



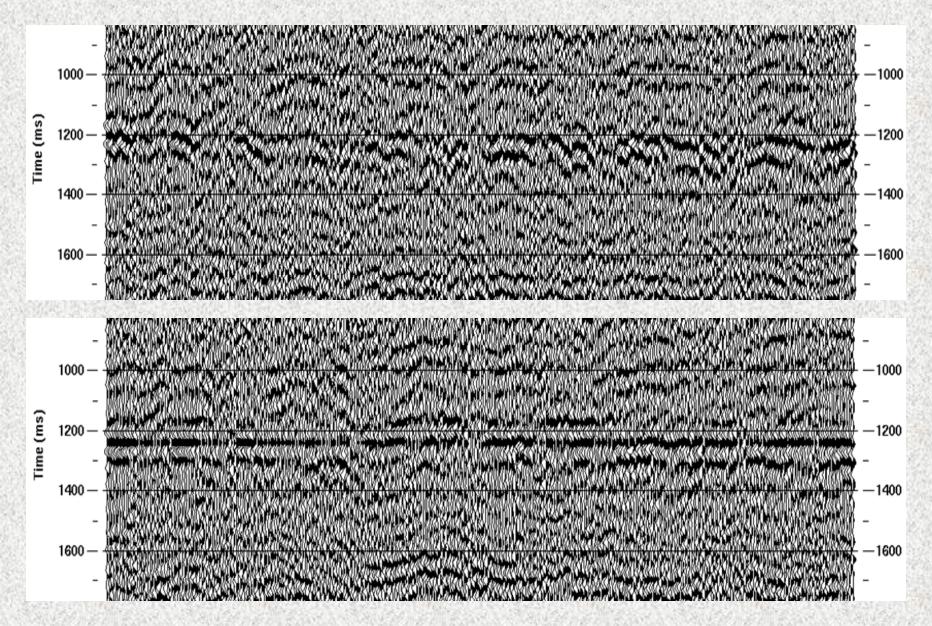


P-S source gather sorted by |offset|



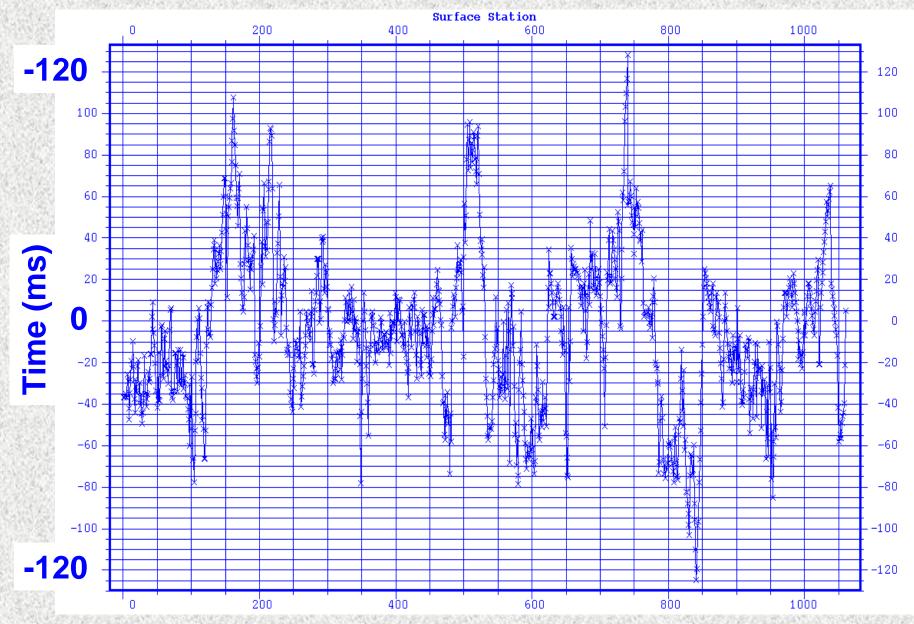


P-S receiver stacks before and after hand statics



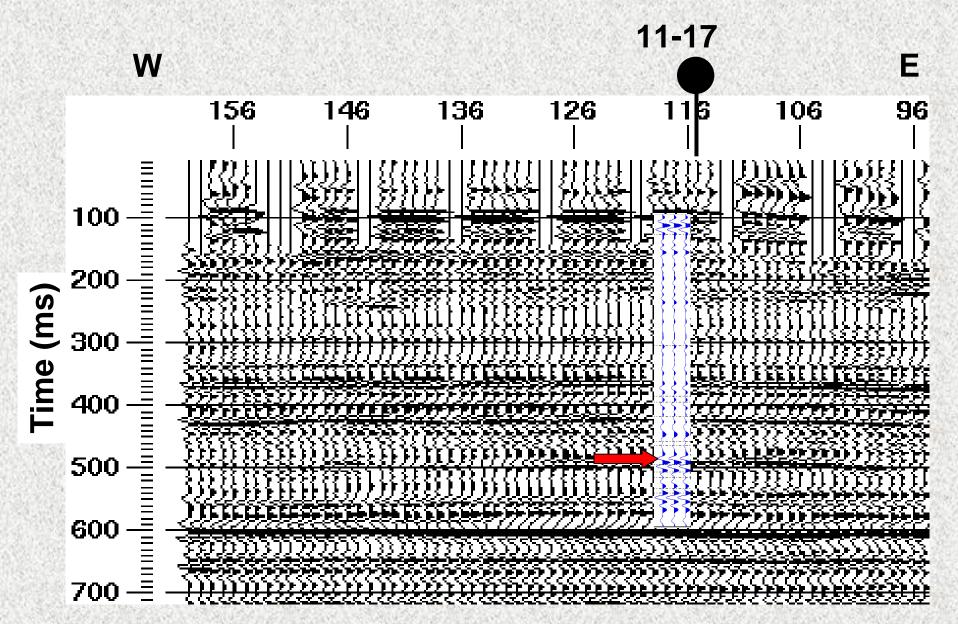


Hand statics



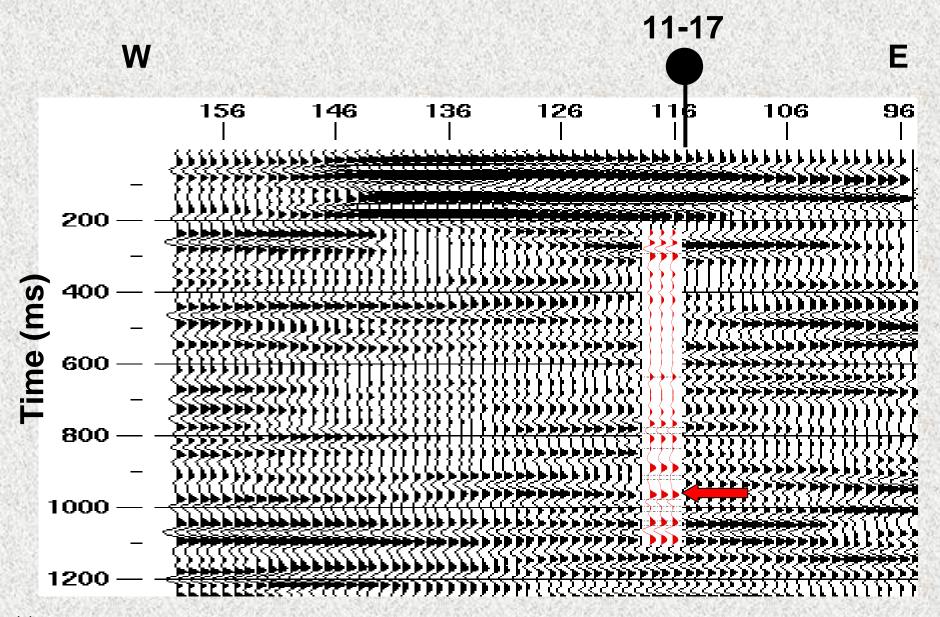


P-P synthetic to seismic comparison



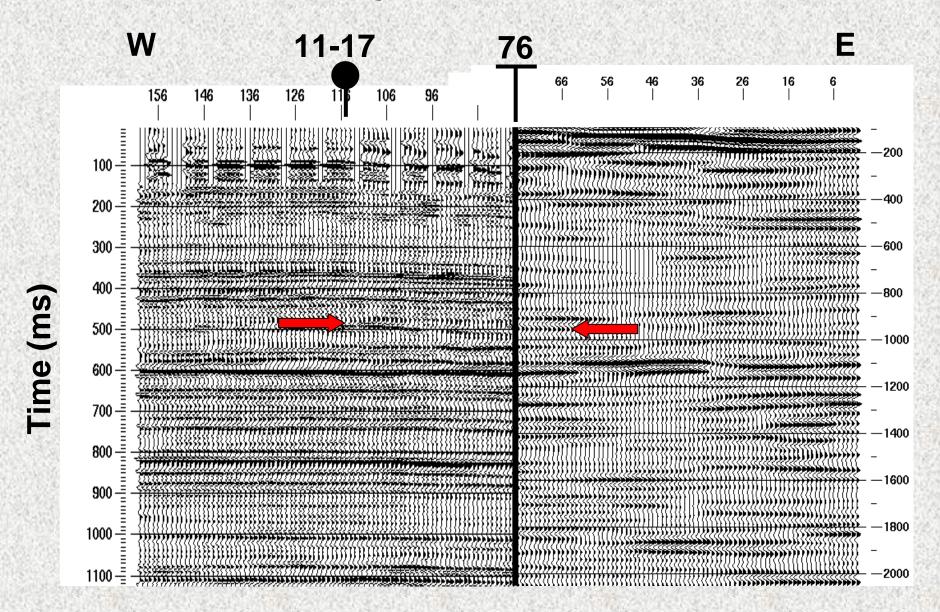


P-S synthetic to P-S seismic comparison



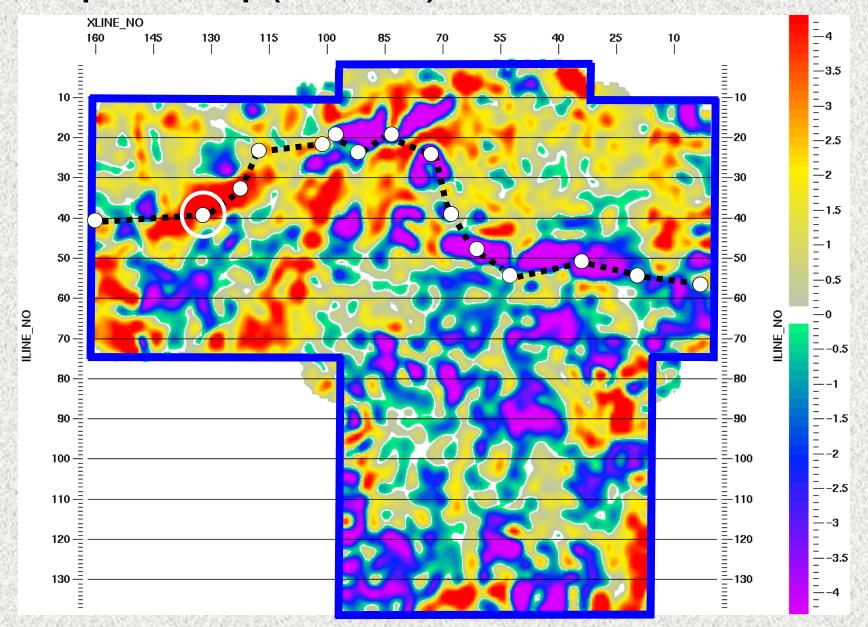


P-P to P-S seismic comparison





P-P amplitude map (time slice)





Conclusions

- Stay tuned!
 - Formation analysis study
 - Final seismic volumes
 - Interpretation



Acknowledgements

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