



Precision Directional Services Inc
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27610 Commerce Oaks Drive, Oak
Ridge North Texas 77385

DL1142

2":100' - TVD

8/23/2012 1:31:03 PM

Oper. Company: Carrizo Oil & Gas

Country: USA

State / Province: CO

County / Parish: Weld

API/UWI: 312-119

Field: NIOBRARA CONZ'83

Well: Hemberger 2-25-34-8-60

Rig: Xtreme 19

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost damages or expenses incurred or sustained by anyone resulting from an interpretation made by any of our officers, agents, or employees.



