



123 Robert S. Kerr Ave.  
Oklahoma City, OK 73102

**Survey**  
**RUBY 1-20H**

**Step #1 - Create a Deviation Survey** **Step**  
**#2 - Attach the survey "Description" to the Wellbore - Deviation Survey**

**Wellbores - Step #2**

Actual Deviation Survey	Wellbore Name Original Hole
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**Deviation Surveys - Step #1**

Description	Date 3/30/2012	VS Dir (°)	Comment
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**Tie-in Data**

Azimuth North Type	Convergence (°)	Declination (°)	MD Tie In (ftKB)	Azimuth Tie In (°)	Inclination Tie In (°)	TVDTie In (ftKB)	NSTie In (ft)	EW Tie In (ft)
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**Survey Data**

MD (ftKB)	Incl (°)	Azm (°)	Survey Company	Method	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)
252	0.4		SandRidge Energy	Magn SS					
655	1.4		SandRidge Energy	Magn SS					
970	0.8		SandRidge Energy	Magn SS					