

HALLIBURTON

Rockies, Grand Junction

Lab Results-PE

Job Information

Request ID	2013650/1	Rig Name		Date	12/MAR/2015
Submitted By	Zachary Green	Job Type	Fracturing/Stimulation	Well	Smith Gulch
Customer	WPX Energy, Inc.	Location			

Well Information

Formation	Unknown	Depth MD		BHST	
Pressure		Depth TVD		Cool Down Temperature	

Fluid Results Request ID 2013650/ 1

Water Analysis, Request Test ID:30067801

Tank Number/Source	Specific Gravity	pH	Chlorides (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Dissolved Iron (mg/L)	Potassium (mg/L)
W066	1.0135	7.60	11878	675	125	4.2	60

Bicarbonates (mg/L)	Carbonates (mg/L)	Hydroxides (mg/L)	Sulfates (mg/L)	TDS (mg/L)	Rw Resistivity (Ohms-Meter)	Temperature (°F)
955	0	0	0	16200	0.395	70.1

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This water sample was collected from the Smith Gulch 31-32-796 water recycle pit (COGCC Facility # 432534). This analysis represents the quality of water that will be injected into this injection well.