

30-045-25135

HALLIBURTON

Rockies, Farmington

Lab Results-PE

Job Information

Request ID	2019354/1	Rig Name		Date	04/NOV/2015
Submitted By	David James	Job Type	Misc Pumping	Well	Redfern 001R
Customer	Dugan Production Corp.	Location			

Well Information

Formation	Picture Cliff	Depth MD	BHST
Pressure		Depth TVD	Cool Down Temperature

Fluid Results Request ID 2019354/ 1

Water Analysis

Tank Number/Source	Specific Gravity	pH	Chlorides (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Dissolved Iron (mg/L)	Potassium (mg/L)	Bicarbonates (mg/L)
1	1.012	8.36	<278	14	7.2	6.65	0	1060

Carbonates (mg/L)	Hydroxides (mg/L)	Sulfates (mg/L)	Sodium (mg/L)	TDS (mg/L)	Rw Resistivity (Ohms-Meter)	Temperature (°F)	% Water
56	0	0	405	1498	3.76	72.1	100

Turbidity 1004 FNU Conductivity 2.91 mS/cm Color green grey

OIL CONS. DIV DIST. 3

NOV 19 2015

H₂O rate - 5 min to fill sample bottle, .5 liter