



<b>To:</b> EOG Resources	<b>Lab #:</b> 49695
<b>Lease:</b> Bull Canyon	<b>Sample Date:</b> 10/3/16
<b>Well No.:</b> 573-0508H	<b>Sample Analyzed:</b> 10/24/16
<b>Location:</b> Treater Outlet	<b>Analyzed By:</b> V.W./D.M..

<b>Analysis</b>		<b>Probable Mineral Comp.</b>	<b>mg/l</b>
Specific Gravity (74°F)	1.0244	Ca(HCO <sub>3</sub> ) <sub>2</sub>	445.60
pH, Lab Measure	7.24	CaSO <sub>4</sub>	50.71
Calcium Carbonate S.I. @ 80°F (Stiff-Davis)	-0.28	CaCl <sub>2</sub>	452.29
Calcium Carbonate S.I. @ 140°F (Stiff-Davis)	0.56	Mg(HCO <sub>3</sub> ) <sub>2</sub>	0.00
Calcium Sulfate Scaling Tendency	no	MgSO <sub>4</sub>	0.00
Barium Sulfate Scaling Tendency	yes	MgCl <sub>2</sub>	162.46
		NaHCO <sub>3</sub>	0.00
<b>Dissolved Gases</b>	<b>mg/l</b>	NaSO <sub>4</sub>	0.00
Hydrogen Sulfide (H <sub>2</sub> S)	N/A	NaCl	26739.56
Carbon Dioxide (CO <sub>2</sub> ), Calculated	30.89		
Dissolved Oxygen (O <sub>2</sub> )	N.D.		

<b>Cations</b>	<b>mg/l</b>	<b>meq/l</b>	<b>Anions</b>	<b>mg/l</b>	<b>meq/l</b>
Sodium (Na)	9522.02	414.18	Chloride (Cl)	16626.05	467.81
Calcium (Ca)	313.44	15.59	Bicarbonate (HCO <sub>3</sub> )	335.50	5.50
Magnesium (Mg)	41.46	3.41	Carbonate (CO <sub>3</sub> )	0.00	0.00
Potassium (K)	99.42	2.54	Hydroxyl (OH)	0.00	0.00
Iron (Fe)	41.86	1.50	Sulfate (SO <sub>4</sub> )	116.59	2.43
Barium (Ba)	29.84	0.43			
Manganese (Mn)	0.78	0.03			
Strontium (SR)	55.96	1.28			

Total Dissolved Solids, Calculated (mg/l)	27127
Total Hardness as mg/l CaCO <sub>3</sub>	954
Resistivity (Ω/m) @ 75°F	N/A

