



To: EOG Resources	Lab #: 49696
Lease: Bull Canyon	Sample Date: 10/3/16
Well No.: 574-0529H	Sample Analyzed: 10/24/16
Location: Treater Outlet	Analyzed By: V.W./D.M..

Analysis		Probable Mineral Comp.	mg/l
Specific Gravity (74°F)	1.0382	Ca(HCO ₃) ₂	417.24
pH, Lab Measure	7.1	CaSO ₄	55.30
Calcium Carbonate S.I. @ 80°F (Stiff-Davis)	-0.40	CaCl ₂	797.99
Calcium Carbonate S.I. @ 140°F (Stiff-Davis)	0.44	Mg(HCO ₃) ₂	0.00
Calcium Sulfate Scaling Tendency	no	MgSO ₄	0.00
Barium Sulfate Scaling Tendency	yes	MgCl ₂	203.72
		NaHCO ₃	0.00
Dissolved Gases	mg/l	NaSO ₄	0.00
Hydrogen Sulfide (H ₂ S)	N/A	NaCl	31585.73
Carbon Dioxide (CO ₂), Calculated	39.93		
Dissolved Oxygen (O ₂)	N.D.		

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium (Na)	11386.60	495.28	Chloride (Cl)	19816.55	557.58
Calcium (Ca)	393.71	19.59	Bicarbonate (HCO ₃)	314.15	5.15
Magnesium (Mg)	51.99	4.28	Carbonate (CO ₃)	0.00	0.00
Potassium (K)	112.43	2.88	Hydroxyl (OH)	0.00	0.00
Iron (Fe)	26.14	0.94	Sulfate (SO ₄)	28.50	0.59
Barium (Ba)	32.54	0.47			
Manganese (Mn)	0.69	0.03			
Strontium (SR)	68.73	1.57			

Total Dissolved Solids, Calculated (mg/l)	32163
Total Hardness as mg/l CaCO ₃	1197
Resistivity (Ω/m) @ 75°F	N/A

