



To: EOG Resources	Lab #: 49693
Lease: Jubille	Sample Date: 10/3/16
Well No.: 120-2109H	Sample Analyzed: 10/24/16
Location: Treater Outlet	Analyzed By: V.W./D.M..

Analysis		Probable Mineral Comp.	mg/l
Specific Gravity (74°F)	1.0207	Ca(HCO ₃) ₂	522.56
pH, Lab Measure	7.64	CaSO ₄	46.24
Calcium Carbonate S.I. @ 80°F (Stiff-Davis)	0.16	CaCl ₂	330.65
Calcium Carbonate S.I. @ 140°F (Stiff-Davis)	0.99	Mg(HCO ₃) ₂	0.00
Calcium Sulfate Scaling Tendency	no	MgSO ₄	0.00
Barium Sulfate Scaling Tendency	yes	MgCl ₂	150.71
		NaHCO ₃	0.00
Dissolved Gases	mg/l	NaSO ₄	0.00
Hydrogen Sulfide (H ₂ S)	N/A	NaCl	22556.45
Carbon Dioxide (CO ₂), Calculated	14.42		
Dissolved Oxygen (O ₂)	N.D.		

Cations	mg/l	meq/l	Anions	mg/l	meq/l
Sodium (Na)	8201.23	356.73	Chloride (Cl)	14002.75	394.00
Calcium (Ca)	250.49	12.46	Bicarbonate (HCO ₃)	393.45	6.45
Magnesium (Mg)	38.46	3.17	Carbonate (CO ₃)	0.00	0.00
Potassium (K)	91.16	2.33	Hydroxyl (OH)	0.00	0.00
Iron (Fe)	11.77	0.42	Sulfate (SO ₄)	23.53	0.49
Barium (Ba)	27.21	0.40			
Manganese (Mn)	0.35	0.01			
Strontium (SR)	40.99	0.94			

Total Dissolved Solids, Calculated (mg/l)	23040
Total Hardness as mg/l CaCO ₃	784
Resistivity (Ω/m) @ 75°F	N/A

