



DownHole SAT Rx

FORMATION WATER CHEMISTRY INPUT

Production Management
Coe *Trust 21-18 A*
Wellhead

Pro-Stim Chemicals
Ryan Uhland & Paul Dwyer
Prepared by SGB Solutions

Report Date: 11-22-2017
Sample #: 2573

Sampled: 11-10-2017
at 0823

CATIONS

Calcium (as Ca)	4160
Magnesium (as Mg)	2454
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	47822
Potassium (as K)	0.00
Lithium (as Li)	0.00
Ammonia (as NH ₃)	0.00
Aluminum (as Al)	0.00
Iron (as Fe)	99.50
Manganese (as Mn)	3.04
Zinc (as Zn)	0.00
Lead (as Pb)	0.00

ANIONS

Chloride (as Cl)	87750
Sulfate (as SO ₄)	1350
Bromine (as Br)	0.00
Dissolved CO ₂ (as CO ₂)	105.00
Bicarbonate (as HCO ₃)	180.00
Carbonate (as CO ₃)	0.00
Oxalic acid (as C ₂ O ₄)	0.00
Silica (as SiO ₂)	0.00
Phosphate(as PO ₄)	0.00
H ₂ S (as H ₂ S)	0.00
Fluoride (as F)	0.00
Nitrate (as NO ₃)	0.00
Boron (as B)	0.00

PARAMETERS

Calculated T.D.S.	140015
Molar Conductivity	215562
Resistivity	4.64
Sp.Gr.(g/mL)	1.09
Pressure(psia)	14.70
pCO ₂ (psia)	0.0266
pH ₂ S(atm)	0.00
Temperature (°F)	54.00
pH	6.53

COMMENTS All anions & cations are in mg/l

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