

An Ecolab Company

Attention: **Jevon.Benisch@CHAMP-TECH.com**

Customer: **Aeon Energy (1506251)**

Location Code: **28506**

Region: **Colorado**

Sample ID: **AI47935**

Location: **Sedgwick County, CO**

Login Batch: **170418090445**

System: **Production System**

Collection Date: **04/11/2017**

Equipment: **Well Kathi J 1**

Receive Date: **04/18/2017**

Lab ID: **ABU-0055**

Report Date: **04/19/2017**

Sample Point: **Wellhead**

Analyses	Result	Unit
Dissolved CO2	132	mg/L
Dissolved H2S	1.7	mg/L
pH	8	
Pressure	25	psi
Temperature	58	° F

Analyses	Result	Unit
Bicarbonate	927	mg/L
Conductivity (Calculated)	43987	µS - cm3
Ionic Strength	0.48	
Resistivity	0.227	ohms - m
Specific Gravity	1.013	
Total Dissolved Solids	28155.23	mg/L

Cations	Result	Unit
Iron	3.626	mg/L
Manganese	0.145	mg/L
Barium	21.48	mg/L
Strontium	18.98	mg/L
Calcium	44.70	mg/L
Magnesium	41.29	mg/L
Sodium	10759.01	mg/L

Anions	Result	Unit
Chloride	16180	mg/L
Sulfate	159	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-3.30
Barite BaSO4 PTB	12.4
Barite BaSO4 SI	1.72
Calcite CaCO3 SI	-0.21
Celestite SrSO4 SI	-1.27
Gypsum CaSO4 SI	-2.85
Hemihydrate CaSO4 SI	-2.72
Saturation Index Calculation (Tomson-Oddo Model)	

Comments
Water Separator

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## Scale Deposit Report

Attention:  
**Jevon.Benisch@CHAMP-TECH.com**

Customer: **Aeon Energy (1506251)**

Location Code: **28506**

Region: **Colorado**

Batch ID: **170418090445**

Location: **Sedgwick County, CO**

Sample ID: **AI47936**

System: **Production System**

Collection Date: **04/11/2017**

Equipment: **Well Kathi J 1**

Receive Date: **04/18/2017**

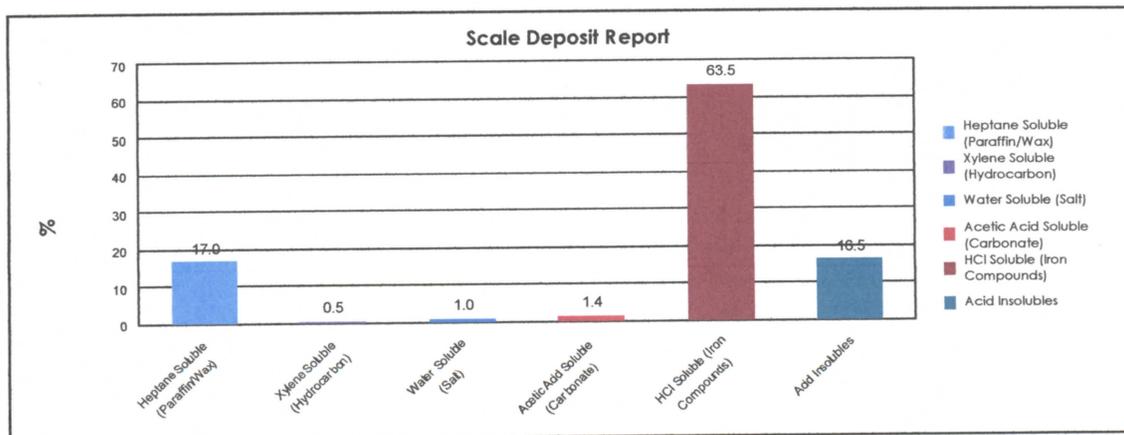
Lab ID: **ABU-0055**

Report Date: **04/20/2017**

Sample Point: **Wellhead**

Analyses	Result	Unit
Heptane Soluble (Paraffin/Wax)	17.0	%
Xylene Soluble (Hydrocarbon)	0.5	%
Water Soluble (Salt)	1.0	%
Acetic Acid Soluble (Carbonate)	1.4	%
HCl Soluble (Iron Compounds)	63.5	%
Acid Insolubles	16.5	%
Naturally Occurring Radioactive Material	Not Detected	
Hydrogen Sulfide	POS	
Complex Irons in Acid Insolubles	POS	

Comments: Cap String Residue



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