

30-045-06809



H&M Precision Products
Water Analysis Report

Company: SouthLand Royalty
Location: CANDELARIA ETAL 1
Field: 0
Sample Date: June 7, 2018

API#
County & State: (blank)

CANDELARIA ETAL 1

Sampled At: WH
pH: 6.03
Sample Temperature: 70 °C
Manganese: 1 mg/L
BeSO4 Scale Possible: YES

Total Dissolved Solids @ 180°C: 4866.58 mg/L
Specific Gravity: 1.0038
Ionic Strength: 0.096
CaCO3 Scaling Tendency @ 104°F: -267.45228
Units for scaling tendency=pounds of scale produced per 1000 bbls of water.

Cations

Sodium: 1271.9 mg/L
Calcium: 214 mg/L
Magnesium: 89.88 mg/L
Iron: 52.8 mg/L
Barium: 2 mg/L
Total: 1630.58 mg/L

Anions

Sulfate: 536 mg/L
Chloride: 2500 mg/L
Bicarbonate: 200 mg/L
Total: 3236 mg/L

Residuals

Chemical Residuals: na PPM.
Amine Residuals: NA PPM.

Bacteria Culture Results *Cultures are incubated for 21 days--results may be from a previous sample.*

Last Injection Date: na
Acid Producing Bacteria Culture Bottles Positive: na bottles
Sulfate Producing Bacteria Culture Bottles Positive: na bottles

Current Treatments

Not Currently Treating (blank) (blank)

Well Snap Shot

	Sampled At	Manganese mg/L	Iron mg/L	Scaling Tendency @ 104°F	Driver
June 7, 2018	WH	1	52.8	-267.45	CUST
January 0, 1900	0	0	0	0.00	0
January 0, 1900	0	0	0	0.00	0
January 0, 1900	0	0	0	0.00	0

NMOCD
JUN 18 2018
DISTRICT III

