



BASICSM
ENERGY SERVICES

P.O. BOX 219 - 12701 ENERGY ROAD · FORT MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 867-2766

WATER ANALYSIS

COMPANY: Smith Energy Corp

LEASE: LONGKNIFE

21-32

FAX: _____

DATE: 9/11/2014

E-MAIL: _____

SAMPLE NUMBER: WS 9111411

DISSOLVED SOLIDS:

CATIONS:

Sodium, Na (Calc) ppm: 4,785

Calcium, Ca, ppm: 136

Magnesium, Mg, ppm: 68

WELL DATA

Depth: _____ ft

Formation: Niobrera

Water BPD: _____

ANIONS

Chlorides, Cl ppm: 7,000

Sulfates, SO₄, ppm: 49

Bicarbonates, HCO₃ ppm: 1,342

Carbonates, CO₃ ppm: _____

Total Dissolved Solids (Tested) ppm: _____

TDS (Derived from Specific Gravity) ppm: 10,800

Iron, Fe (Total) ppm: 0

Sulfide, as H₂S ppm: NONE

OTHER PROPERTIES

pH: 7.0

Specific Gravity: 1.0070 68 °F

Resisivity (Meter) ohm*M: 0.6 °F

Total Hardness, ppm: 204

REMARKS AND RECOMMENDATIONS:

Analyst: ALAN DUBOIS