



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

23-28

Washington Cty

FAX: \_\_\_\_\_

DATE: 9-11-114

E-MAIL: \_\_\_\_\_

SAMPLE NUMBER: WS911144

### DISSOLVED SOLIDS:

#### CATIONS:

Sodium, Na (Calc) ppm: 4,749

Calcium, Ca, ppm: 170

Magnesium, Mg, ppm: 135

### WELL DATA

Depth: \_\_\_\_\_ ft

Formation: Nio

Water BPD: \_\_\_\_\_

### ANIONS

Chlorides, Cl ppm: 7,200

Sulfates, SO<sub>4</sub>, ppm: 49

Bicarbonates, HCO<sub>3</sub> ppm: 1,342

Carbonates, CO<sub>3</sub> ppm: \_\_\_\_\_

### OTHER PROPERTIES

pH: 7.0

Specific Gravity: 1.0085 68 °F

Resisivity (Meter) ohm\*M: 0.54 68 °F

Total Hardness, ppm: 305

Total Dissolved Solids (Tested) ppm: \_\_\_\_\_

TDS (Derived from Specific Gravity) ppm: 13,100

Iron, Fe (Total) ppm: 0

Sulfide, as H<sub>2</sub>S ppm: none

### REMARKS AND RECOMMENDATIONS:

Analyst: ALAN L. DU BOIS