



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

### WATER ANALYSIS

COMPANY: FOUNDATION ENERGY

LEASE: Federal Osprey 35-3

FAX:

DATE: 6/24/2014

E-MAIL:

SAMPLE NUMBER: **WS06241405**

#### DISSOLVED SOLIDS: CATIONS:

Sodium, Na (Calc) ppm: 4,276  
Calcium, Ca, ppm: 204  
Magnesium, Mg, ppm: 102

#### WELL DATA

Depth: ft  
Formation:  
Water BPD:

#### ANIONS

Chlorides, Cl ppm: 6,400  
Sulfates, SO<sub>4</sub>, ppm: 55  
Bicarbonates, HCO<sub>3</sub> ppm: 1,393  
Carbonates, CO<sub>3</sub> ppm:

#### OTHER PROPERTIES

pH: 7.0  
Specific Gravity: 1.007 66 °F  
Resisivity (Meter) ohm\*M: 0.7 66 °F  
Total Hardness, ppm: 306

Total Dissolved Solids (Calculated) ppm:  
Derived from Specific Gravity, ppm: 10,800  
Iron, Fe (Total) ppm: 3  
Sulfide, as H<sub>2</sub>S ppm: 0

#### REMARKS AND RECOMMENDATIONS:

Analyst: ALAN L. DU BOIS