



**BASIC**  
ENERGY SERVICES

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

**WATER ANALYSIS**

COMPANY: FOUNDATION ENERGY  
\_\_\_\_\_  
\_\_\_\_\_  
FAX: \_\_\_\_\_  
E-MAIL: \_\_\_\_\_

LEASE: Federal North Wildhorse 7-28  
\_\_\_\_\_  
DATE: 6/24/2014  
SAMPLE NUMBER: WS06241409

DISSOLVED SOLIDS:  
CATIONS:

Sodium, Na (Calc) ppm: 2,950  
Calcium, Ca, ppm: 102  
Magnesium, Mg, ppm: 102

WELL DATA

Depth: \_\_\_\_\_ ft  
Formation: \_\_\_\_\_  
Water BPD: \_\_\_\_\_

ANIONS

Chlorides, Cl ppm: 4,600  
Sulfates, SO4, ppm: 49  
Bicarbonates, HCO3 ppm: 671  
Carbonates, CO3 ppm: \_\_\_\_\_

OTHER PROPERTIES

pH: 7.0  
Specific Gravity: 1.005 66 °F  
Resisivity (Meter) ohm\*M: 0.85 66 °F  
Total Hardness, ppm: 204

Total Dissolved Solids (Calculated) ppm: \_\_\_\_\_  
Derived from Specific Gravity, ppm: 7,700  
Iron, Fe (Total) ppm: 50  
Sulfide, as H2S ppm: 0

REMARKS AND RECOMMENDATIONS:

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Analyst: ALAN L. DU BOIS