

(1144) *number 1/2/1/1/1*  
DQB

RECEIVED

JUL 18 1979

COLO. OIL & GAS CONS. COM.



075-08446



DIVISION LABORATORY  
Box 2400 Casper, Wyoming 82602

Date June 30, 1979

Report No. 16520

To Mr. W. C. Maddox  
Halliburton Services  
Sterling, Colorado

Submitted By J and L Oil Company Date Received June 26, 1979

Well No. 1 Hettinger

Location Logan County, Colorado Formation ✓

Specific Gravity	<u>1.002</u>
pH	<u>8.1</u>
Iron (FE)	<u>N11</u>
Potassium (K)	<u>27</u>
Sodium (Na)	<u>2,650</u>
Calcium (CA)	<u>71</u>
Magnesium (Mg)	<u>19</u>
Chlorides (Cl)	<u>3,267</u>
Sulfates (SO <sup>4</sup> )	<u>202</u>
Carbonates (CO <sup>3</sup> )	<u>N11</u>
Bicarbonates (HCO <sup>3</sup> )	<u>1,510</u>
Total Dissolved Solids	<u>6,980</u>
Rw	<u>0.90</u>

This report is the property of Halliburton Services, a Division of Halliburton Company, and neither this report nor any part hereof may be disclosed to any third party without the express written approval of Halliburton Services.

MILLIGRAMS PER LITER

Ohms/m<sup>2</sup>/m at 75 °F

Remarks:

cc Mr. W. P. Renner  
Mr. R. M. Cunningham

Respectfully submitted,  
HALLIBURTON SERVICES

By Francis O'Neil