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HALLIBURTON DIVISION LABORATORY

HALLIBURTON SERVICES
Box 1510
Evansville, Wyoming 82638

RECEIVED

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EXHIBIT #4

COLO. OIL & GAS CONS. COMM.

NOT IN
WELL API
FILE

Date 12 Dec 83Report No. WB3-0732To Mrs. A.A. KernsHalliburton Services - SalesCasper, WYSubmitted By Getty Oil Co.Date Received 7 Dec 83Well No. GWA Renderson #4Location Logan Co., CO

Formation _____

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

Specific Gravity

1.006

pH

7.3

Iron (Fe)

less than 1

Potassium (K)

19

Sodium (Na)

3072

Calcium (Ca)

12

Magnesium (Mg)

2

Chlorides (Cl)

3676Sulfates (SO₄)less than 10Carbonates (CO₃)nilBicarbonates (HCO₃)1876

Total Dissolved Solids

7706

Resistivity

0.98

MILLIGRAMS PER LITER

Ohms/M²/M at 70 °F

Remarks:

cc: Mr. D.E. Bailey
Mr. W.C. Maddox

Respectfully submitted.

HALLIBURTON SERVICES

By N. K. Reeves