

Yates Petroleum  
ATTN: Drew  
P.O. Box 1908  
Rock Springs, WY 82902

Report Date: 03/19/03  
Date Received: 02/27/03  
Sample Matrix: Water

Request Number: RS-5598  
Lab Numbers: C 6461- C 6466  
Client ID: Baldy Butte Wells

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| <u>Lab ID</u> | <u>Sample ID</u>            | <u>Report of Analysis</u>              | <u>Results</u> |
|---------------|-----------------------------|--|----------------|
| C 6462        | Baldy Butte # 3<br>02/27/03 | Analysis Parameter                     |                |
|               |                             | pH, standard units                     | 8.35           |
|               |                             | Method, EPA 150.1                      |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Chloride, mg/L                         | 3549           |
|               |                             | Method SM 4500 D                       |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Sulfate, mg/L                          | 8              |
|               |                             | Method EPA 375.3                       |                |
|               |                             | Analysis Date: 03/06/03                |                |
|               |                             | Total Dissolved Solids, mg/L           | 8962           |
|               |                             | Method EPA 160.1                       |                |
|               |                             | Analysis Date: 03/06/03                |                |
|               |                             | Alkalinity as CaCO <sub>3</sub> , mg/L | 2989           |
|               |                             | Carbonate, mg/L                        | 107            |
|               |                             | Bicarbonate, mg/L                      | 2882           |
|               |                             | Method SM 2320B                        |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Conductivity, umhos/cm @ 25°C          | 13940          |
|               |                             | Method EPA 120.1                       |                |
|               |                             | Analysis Date: 03/03/03                |                |
|               |                             | Sodium, mg/L                           | 3550           |
|               |                             | Potassium, mg/L                        | 24.0           |
|               |                             | Calcium, mg/L                          | 6.80           |
|               |                             | Magnesium, mg/L                        | <0.10          |
|               |                             | Iron, mg/L                             | 1.55           |
|               |                             | Method for Metals EPA 201.1            |                |
|               |                             | Analysis Date: 03/06/03                |                |

Rich Malone  
Branch Manager



**WYOMING ANALYTICAL LABORATORIES, INC.**

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Rock Springs, WY 82901

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**Report of Analysis**

| <u>Lab ID</u> | <u>Sample ID</u>            | <u>Analysis Parameter</u> | <u>Results</u> |
|---------------|-----------------------------|---------------------------|----------------|
| C 6462        | Baldy Butte # 3<br>02/27/03 | TCLP Metals               |                |
|               |                             | TCLPExtraction            |                |
|               |                             | Metals:                   |                |
|               |                             | Silver, mg/L              | <0.08          |
|               |                             | Arsenic, mg/L             | <0.32          |
|               |                             | Barium, mg/L              | 8.00           |
|               |                             | Cadmium, mg/L             | <0.03          |
|               |                             | Chromium, mg/L            | <0.22          |
|               |                             | Mercury, mg/L             | 0.49           |
|               |                             | Lead, mg/L                | <0.24          |
|               |                             | Selenium, mg/L            | <0.14          |

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