

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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**Report of Analysis**

| <u>Lab ID</u> | <u>Sample ID</u>            | <u>Analysis Parameter</u>              | <u>Results</u> |
|---------------|-----------------------------|--|----------------|
| C 6465        | Baldy Butte # 6<br>02/27/03 | pH, standard units                     | 9.55           |
|               |                             | Method, EPA 150.1                      |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Chloride, mg/L                         | 810            |
|               |                             | Method SM 4500 D                       |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Sulfate, mg/L                          | 16             |
|               |                             | Method EPA 375.3                       |                |
|               |                             | Analysis Date: 03/06/03                |                |
|               |                             | Total Dissolved Solids, mg/L           | 9526           |
|               |                             | Method EPA 160.1                       |                |
|               |                             | Analysis Date: 03/06/03                |                |
|               |                             | Alkalinity as CaCO <sub>3</sub> , mg/L | 7739           |
|               |                             | Carbonate, mg/L                        | 1708           |
|               |                             | Bicarbonate, mg/L                      | 6031           |
|               |                             | Method SM 2320B                        |                |
|               |                             | Analysis Date: 03/05/03                |                |
|               |                             | Conductivity, umhos/cm @ 25°C          | 11540          |
|               |                             | Method EPA 120.1                       |                |
|               |                             | Analysis Date: 03/03/03                |                |
|               |                             | Sodium, mg/L                           | 3765           |
|               |                             | Potassium, mg/L                        | 31.6           |
|               |                             | Calcium, mg/L                          | <0.10          |
|               |                             | Magnesium, mg/L                        | <0.10          |
|               |                             | Iron, mg/L                             | <0.20          |
|               |                             | Method for Metals EPA 201.1            |                |
|               |                             | Analysis Date: 03/06/03                |                |



Rich Malone  
Branch Manager



**WYOMING ANALYTICAL LABORATORIES, INC.**

625 Center Street  
Rock Springs, WY 82901

(307) 362-3176  
Fax: (307) 362-3581



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|---------------|-----------------------------|--|----------------|
| C 6465        | Baldy Butte # 6<br>02/27/03 | TCLP Metals<br>TCLPExtraction<br>Metals:               |                |
|               |                             | Silver, mg/L   | <0.08          |
|               |                             | Arsenic, mg/L  | <0.32          |
|               |                             | Barium, mg/L   | 0.61           |
|               |                             | Cadmium, mg/L  | <0.03          |
|               |                             | Chromium, mg/L   | <0.22          |
|               |                             | Mercury, mg/L  | 0.14           |
|               |                             | Lead, mg/L   | 0.42           |
|               |                             | Selenium, mg/L   | <0.14          |

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