

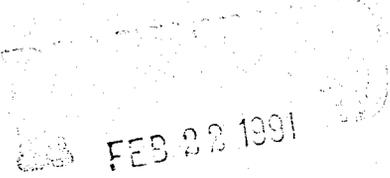
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**Coastal**  
The Energy People

Daron - route to file  
ACT 041/002

FILE #2



FEB 22 1991

DIVISION OF  
OIL, GAS & MINING

February 14, 1991

Lowell Braxton  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Mr. Braxton:

The underground development waste being placed in Southern Utah Fuel Company's Waste Rock Disposal Site is sampled on a quarterly basis. The fourth quarter 1990 results which were recently received showed a Boron level of 6.44 ppm. The waste rock material with this elevated Boron level was deposited in the base of lift #2 well away from any potential vegetative root zone. No other mitigating measures are planned.



A copy of the analysis sheets are included for your information.

Sincerely,  
SOUTHERN UTAH FUEL COMPANY

Ken Payne  
V.P. & General Manager

KP/mla:154

Enclosure

xc: Keith Welch



Inter-Mountain Laboratories, Inc.

Sheridan, Wyoming 82801

Tel. (307) 672-8945

1633 Terra Avenue

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SOUTHERN UTAH FUEL COMPANY  
SALINA, UTAH

SOUTHERN UTAH  
FUEL COMPANY

January 29, 1991

| Lab No. | Location        | Depths  | EC<br>mmhos/cm<br>@ 25°C | Satur-<br>ation<br>% | Calcium<br>meq/l | Magnesium<br>meq/l | Sodium<br>meq/l | SAR  |
|---------|-----------------|---------|--------------------------|----------------------|------------------|--------------------|-----------------|------|
| 49161   | WRDS 4 QTR 1990 | 0.0-0.0 | 5.87                     | 40.4                 | 41.5             | 31.8               | 13.8            | 2.27 |

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Oil, Gas & Water

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage, Exch= Exchangeable, Avail= Available



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WATER

Page 2 of 2

January 29, 1991

| Lab No. | Location        | Depths  | Total Sulfur % | T.S. AB t/1000t | Neut. Pot. t/1000t | T.S. ABP t/1000t | Pyr+Org Sulfur % | Pyr+Org AB t/1000t | Pyr+Org ABP t/1000t | Boron ppm | Selenium ppm | Alkalinity PE meq/l |
|---------|-----------------|---------|----------------|-----------------|--------------------|------------------|------------------|--------------------|---------------------|-----------|--------------|---------------------|
| 49161   | WRDS-4 QTR 1990 | 0.0-0.0 | 0.53           | 16.6            | 157.               | 141.             | 0.39             | 12.2               | 145.                | 6.44      | <0.02        | 0.94                |

157 - 141 = 16

157 - 145 = 12

FEB 22 1991

OIL, GAS & MINERAL

Abbreviations for extractants: PE= Saturated Paste Extract, H2Osol= water soluble, AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate  
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur,  
Pot.= Neutralization Potential