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# UNITED STATES FUEL COMPANY

HIAWATHA, UTAH 84527

Date JULY 18, 1989

DEPT. OF NATURAL RESOURCES  
DIVISION OF OIL, GAS & MINING  
3 TRIAD CENTER  
SALT LAKE CITY, UT 84180  
Attention: RANDY HARDEN

**RECEIVED**  
JUL 20 1989

DIVISION OF  
OIL, GAS & MINING

Subject: MINING PLAN MODIFICATION

Gentlemen: SUBMITTAL TO BLM

We attach for your attention the following:

RANDY  
ENCLOSED, PER YOUR REQUEST, IS A COPY OF  
OUR MINOR MODIFICATION SUBMITTAL LETTER  
TO BLM.

Very truly yours,

U. S. FUEL COMPANY

By Robert Eckel



# UNITED STATES FUEL COMPANY

P.O. Box A  
Hiawatha, Utah 84527

(801) 637-2252  
TELEX: 453-123

June 12, 1989

## AMENDMENT TO

**APPROVED** Mining & Reclamation Plan  
Approved, Division of Oil, Gas & Mining

Mr. John Miley  
Price River Resource Area  
900 North 700 East  
P.O. Box AB  
Price, Utah 84501

Re: Request For Mine Plan Modification  
King 4 Mine, 15 East Section

date 7/27/89

Dear John:

Recent developments have caused us to reevaluate our plan for developing "B" seam coal reserves in Federal Lease U-51923. Enclosed are three (3) copies of a map showing our mine workings in relation to the lease and our revised proposal for accessing the lease.

Development headings in the 15 East section have encountered conditions of low coal, high ash, high sulfur and low BTU's (see attached channel sample analysis). Existing contracts require that we produce approximately 60,000 tons per month with the following, as received, specifications:

Moisture	8.0%
Ash	10.0%
Sulfur	0.7%
BTU/lb	11,600

The seam thickness at the present faces of 15 East greatly impedes production with existing equipment. Shuttle car cabs frequently hit roof bolts and plates, reducing the effectiveness of the bolts and slowing shuttle car speeds. The immediate roof consists of alternating sandstone channels and loose cap rock (shale). The coal thickness diminishes beneath the sandstone channels and cap rock falls out or has to be cut down before bolting on the flanks of the channels. The cap rock can not be sorted from the coal and must be shipped, thus increasing the ash content of the coal. The enclosed channel sample analysis do not reflect the actual ash content (and related BTU reduction) of the coal shipped since they do not include cap rock.



Mr. John Miley  
Price River Resource Area  
June 12, 1989  
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The combination of low quality and low seam thickness makes continued development of the 15 East section uneconomical. Low quality can be somewhat offset by blending it with coal from our other producing section in 7 North, however, we cannot meet contract tonnages with the present mining equipment. We anticipate purchasing new low profile equipment in the near future. In the meantime, we are proposing to improve production by pulling pillars and retreating out of 15 East. Pillars will be pulled westerly as shown by red cross hatching on the map. Near the point where 15 East changes direction, we propose to develop headings to the south and then once again to the east toward the lease. By this time we hope to have low profile equipment which should greatly enhance development in low coal.

Sincerely,



Robert Eccli  
Sr. Mining Engineer

RE:lj

Enclosure:

