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Document Information Form

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To: Priscilla Burton, Soil Scientist, Price Field Office

From:

Person Robert Fish, Area Soil Scientist

Company Natural Resources Conservation Service
Roosevelt, Utah

Date Received: March 1, 2007

Explanation:

Prime farmland determination and productivity

information for the 1st North federal lease incidental

Boundary change, reviewed as tasks #2646 and #2749.

Original is in 2007 incoming file.

cc:



Natural Resources Conservation Service
240 West Highway 40 (333-4)
Roosevelt, UT 84066

February 26, 2007

Re: Prime Farmland Determination, Emery County, UT; Sec 22, T. 22S., R. 6E., SLBM:
SW/4/NW/4, NW/4SW/4, NE/4/W/4, and SE/4SW4.

Priscilla Burton
Soil Scientist
Utah Division of Oil Gas & Mining
Price Field Office
455 West Rail Road Ave.
Price, UT 84501

Dear Ms. Burton:

The soil survey mapping units PnA – Penoyer loam, 0 to 1 percent slopes and RIB – Ravola loam, 1 to 3 percent slopes are considered prime farmland, but only when they are irrigated. I am enclosing a DRAFT COPY of the soil map for sections 22 from the Emery Area Soil Survey. The spatial portion of the Emery Area Soil Survey is completed but the attribute data is not fully populated at this time.

Approximately 2 acres of PnA – Penoyer loam, 0 to 1 percent slopes and approximately 15 acres of Ravola loam, 1 to 3 percent slopes meet the criteria for prime farmlands.

The estimated yields under irrigation for the Ravola soil with a high level of management are: alfalfa = 6 tons, barley = 100 bushels, oats = 70 bushels and pasture = 12 to 15 AUMs

Both the area agronomist in our Price NRCS Area Office and I are of the opinion that the yield for irrigated pasture on this phase of the Penoyer soil would range from 12 to 15 AUMS. In areas where alfalfa is grown on this phase of the Penoyer soil, yields would range from 5 to 6 Tons per acre.

A handwritten signature in cursive script that reads "Robert H. Fish".

Robert H. Fish
Area Soil Scientist

Cc: Wayne Greenhalgh, DC, NRCS, Price, UT

Enclosure

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