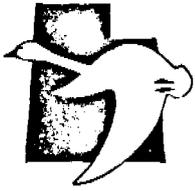


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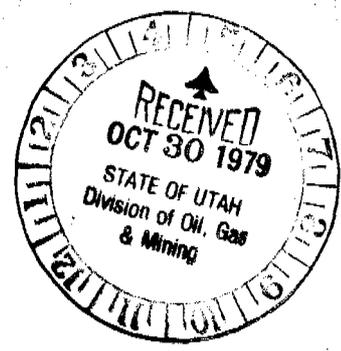


DIVISION OF WILDLIFE RESOURCES

DOUGLAS F. DAY 1596 West North Temple/Salt Lake City, Utah 84116/801-533-9333  
Director

Reply To SOUTHEASTERN REGIONAL OFFICE  
455 West Railroad Avenue, Box 840, Price, Utah 84501  
(801) 637-3310

October 17, 1979



Mr. John C. Osmond, President  
Eureka Energy Company  
215 Market Street - Room 258  
San Francisco, CA 94106

Attention: Bob Goudge

Dear Mr. Osmond:

Utah Division of Wildlife Resources has need to evaluate impacts from development of coal resources in relation to terrestrial, vertebrate wildlife. As you know, we have been evaluating your Sage Point-Dugout Canyon Project to serve as one part of a long term research project for the purposes of studying responses of wildlife to a coal mining operation. We are now at a point in time where initiation of a study would be timely and some sources of funding may be available for the first year of research which will cost \$24,752.00.

Utah Division of Wildlife Resources is committed to funding 18 percent (\$4,377.00) of the first years study which would be conducted only on the Sage Point-Dugout Canyon Project area. The Bureau of Land Management believes they will have \$10,000.00 (40 percent of the funding) available for use in wildlife research at the Sage Point-Dugout Canyon Project-- BLM should know positively during the week of November 5 to 9, 1979; their Washington D.C. office has made favorable recommendations for funding. What is needed to sufficiently fund the first year of study and provide for a completion report is an additional \$10,375.00, which amounts to 42 percent of the funding. It is hoped that Eureka Energy Company can participate to that level.

GOVERNOR  
Scott M. Matheson

DEPT. OF NATURAL RESOURCES  
Gordon E. Harmston  
Exec Director

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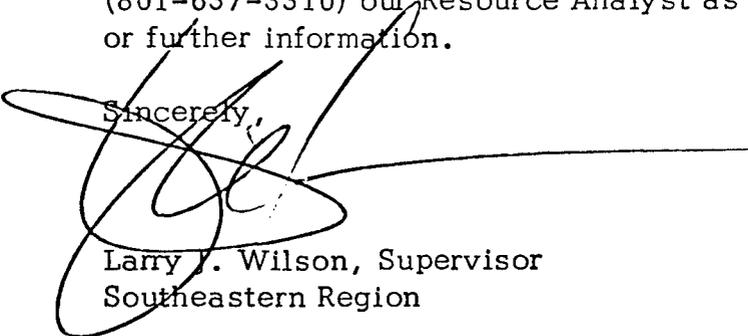
Mr. John C. Osmond, President  
October 17, 1979  
Page 2

Enclosed is a detailed cost proposal and work plan for the first year of study. It is important to note that data collected during this first year of study will completely satisfy the company's needs for terrestrial wildlife resource information for inclusion with application for a mine permit. If the upcoming winter is not a typical winter, a second winter period of study will be needed for satisfactory identification of mule deer migration and movement paths.

It is hoped that during the upcoming year that additional commitments for funding can be secured to expand the study to include three mine projects and to extend for five years. A detailed copy of the complete study proposal for a five year period will follow in a few days.

Your immediate consideration for funding of the first year of study will be appreciated. It is hoped that Eureka will be interested and able to participate in ultimate funding that will allow the study to continue on their project area for the full five years. Please contact Larry Dalton (801-637-3310) our Resource Analyst as appropriate for any arrangements or further information.

Sincerely,



Larry J. Wilson, Supervisor  
Southeastern Region

LJW:LBD:trw

cc: Darrell Nish, Chief Resource Analyst  
Bill McMahn, BLM State Wildlife Biologist

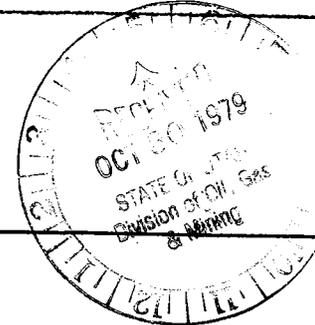
Enclosure

Cost Proposal for Sage Point-Dugout Canyon project for field work only  
in fiscal year October 1979 through September 1980.

Personnel Services		\$20,098.00
Resource Analyst 23-8 - Supervision for 1.3 months @ \$1,768/month	\$2299.00*	
Benefits 22%	506.00*	
Biologist 17-2 @ \$1036/month for 14 months	14,504.00	
Benefits 8%	1160.00	
Typist 12-1 @ \$754/month for 2 months	1508.00	
Benefits 8%	121.00	
Travel	None	0
Current Expenses		3,332.00
Motor vehicle operation @ \$.18/mile for 9,900 miles	1782.00	
Other equip. operation 20 hr. aircraft (cesna 185) @ \$37.50/hr.	750.00	
Office Supplies	200.00	
Photo Supplies	150.00	
Small Tools	200.00	
Office Space	250.00*	
Capital Outlay		1,322.00
200 Sherman traps @ \$5.00 ea.	1,000.00*	
Six Tomphaw traps @ \$12.00 ea.	72.00*	
200 Snap traps @ \$1.25 ea.	250.00*	
GRAND TOTAL		\$24,752.00



\* \$4,377.00 that would be committed by Utah Division of Wildlife Resources



WORK PLAN FOR SAGE POINT-DUGOUT CANYON PROJECT

Month	Week 1	Week 2	Week 3	Week 4
October 1979	Lay out transects.	Lay out transects.	Lay out transects.	Lay out transects.
November 1979	2 day deer use. Lay out transects.	2 day deer use. Lay out transects.	2 day deer use. Lay out transects. (aircraft - 1 hr.)	2 day deer use. (aircraft - 1 hrs.) Lay out transects.
December 1979	2 day deer use. (aircraft - 1 hrs.)	2 day deer use. (aircraft - 1 hr.)	(aircraft - 1 hr.) 3 day deer use. 2 day medium-size mammal survey.	3 day deer use. (aircraft - 1 hrs.)
January 1980	2 day deer use. (aircraft - 1 hrs.)	(aircraft - 1 hr.) 3 day deer use. 2 day medium-size mammal survey.	3 day deer use. (aircraft - 1 hr.)	3 day deer use. (aircraft - 1 hrs.)
February 1980	3 day deer use. (aircraft - 1 hr.)	4 day deer use. (aircraft - 1 hrs.)	(aircraft - 1 hr.) 3 day deer use. 2 day medium-size mammal survey.	4 day deer use. (aircraft - 1 hrs.)
March 1980	4 day deer use. (aircraft - 1 hr.)	3 day deer use. (aircraft - 1 hrs.) 2 day raptor survey.	(aircraft - 1 hr.) 3 day deer use. 2 day medium-size mammal survey.	3 day deer use. 2 day Emlen transects.
April 1980	3 day deer use. (aircraft - 1 hrs.)	2 day deer use. 2 day raptor survey. (aircraft - 1 hr.)	2 day Emlen transects. 2 day raptor survey.	3 day deer use. 2 day survey of right-of-ways for evidences of black footed ferrets.
May 1980	1 day winter pellet count. 2 day deer use. 1 day browse utilization.	2 day Emlen transects. 2 day winter pellet counts. 1 day raptor survey.	3 day browse utilization. 2 day winter pellet count.	2 day Emlen transects. 3 day raptor survey.

Month	Week 1	Week 2	Week 3	Week 4
June 1980	5 day mammal trapping.	2 day Emlen transects. 3 day survey of right-of-ways for evidences of black-footed ferrets.	5 day mammal trapping.	2 day reptile and amphibian survey. 2 day medium-size mammal survey. 1 day maintenance of transect
July 1980	2 day Emlen transects.	Vegetation surveys - site typing	Vegetation surveys - site typing	Vacation
August 1980	Maintenance of transects. Vegetation surveys - site typing.	2 day Emlen Vegetation surveys - site typing.	5 day mammal trapping	2 day reptile and amphibian survey. 1 day medium-size mammal survey.
September 1980	2 day Emlen transects. 3 day vegetation survey - site typing.	5 day vegetation survey -	5 day browse measurements.	5 day browse measurements.
October 1980	Prepare draft report first years data.	Prepare draft report first years data.	Complete draft report first years data.	DWR staff review of draft report. Cooperators review of draft report.
November 1980	2 day deer use.* Prepare final report first years data (cooperators complete review of draft report).	2 day deer use.* Prepare final report first years data (incorporate cooperators comments)	2 day deer use.* 2 day final review by RA 3 day final typing and proofing.	2 day deer use.* 1 day final typing and proofing. 1 day review by RA and biologist.
				1 day for corrections if needed.

\* This work will be accomplished if the project will be funded for additional years of study.