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EXP/007/012

EUREKA ENERGY COMPANY

A SUBSIDIARY OF PACIFIC GAS AND ELECTRIC COMPANY

1010 KEARNS BUILDING • 136 SOUTH MAIN STREET • SALT LAKE CITY, UTAH 84101 • (801) 359-3811

July 16, 1981

Mr. Thomas Tetting
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Eureka Energy Company's Proposed Exploration Drill Holes

Dear Tom:

On June 22, 1981, Dennis Weder of Archeological-Environmental Research Corporation (AERC) conducted a cultural resources inventory at Eureka's drill sites. These sites, for drill holes 13-1, 18-1, and 19-2, were surveyed for possible cultural resources or isolated artifacts. As indicated in the attached letter from AERC to Eureka, no cultural resources were found.

Thank you for your assistance with the exploration permit. If you have any questions, please call me.

Very truly yours,

Christopher A. Slaboszewicz

C. A. Slaboszewicz
Permit Analyst

CAS:hy

Attachment

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DIVISION OF
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EXP/007/012

EUREKA ENERGY COMPANY

A SUBSIDIARY OF PACIFIC GAS AND ELECTRIC COMPANY

P. O. BOX 1506 • 90 WEST 100 NORTH • PRICE, UTAH 84501 • (801) 637-6610

July 12, 1980

RECEIVED
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DIVISION OF
OIL, GAS & MINING

Mr. Thomas J. Suchowski
Engineering Geologist
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, UT 84116

RE: Exploratory Trenching Operation, Dugout Canyon Project, Carbon County, Utah
EXP/007/012

Dear Mr. Suchowski:

Pursuant to your request of July 2, 1980, Eureka Energy Company herewith addresses the concerns of the 1979 Act, Regulation of Coal Mining and Reclamation Operations, House Bill 138, Title 40-10, Part UMC 815, and amends its application dated June 6, 1980, to include the following information:

UMC 815.11(a) - Less than 250 tons, approximately 200 tons of highly oxidized outcrop coal will be side cast. Only hand samples will be removed. Ref: 776.12.

UMC 776.12(a)(1) - Eureka Energy Company
90 West 100 North
P. O. Box 1506
Price, UT 84501

UMC 776.12(a)(2) - Mr. Robert F. Goudge
90 West 100 North
P. O. Box 1506
Price, UT 84501

UMC 776.12(a)(3) - It is proposed to trench for approximately 300 feet along the Sunnyside and Rock Canyon coal seam outcrops for the purpose of determining the coal thickness and characteristics. The trenching would

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UMC 776.12(a)(3) - (continued)
be conducted in the E.½ of the NW¼ of Section 23, R. 12 E., T. 13 S., SLB&M, on private surface (Eureka) on fee coal (Eureka). See map attached to original application dated June 6, 1980.

UMC 776.12 (a)(3)(i) - The proposed Sunnyside seam trenching would begin at the point where the access road to proposed Drill Hole 14-3 intersects the Sunnyside coal seam outcrop and would extend along the coal outcrop for approximately 300 feet. The inclination of the coal seam is expected to be about 10% with the trenching ascending from the lower part of the canyon in a southerly direction. The trenching is to expose the seam and indicate if the seam is of a consistent and mineable thickness at that point. The trenching would be held to a minimum width necessary to support the bulldozing machine and expose the coal for measurement and evaluation, but not designed to facilitate future mining without significant improvement.

The proposed Rock Canyon seam trenching would commence at the uppermost sealed mine portal of the former Knight Ideal Coal Company minesite on the east side of Dugout Canyon adjacent to existing mine roads. Trenching would be a continuation of an old excavation and would consist of the same type of excavation as stated above and for the same purposes.

The location of the proposed trenchings is in the permit area for which Eureka Energy is presently preparing an application to mine. Archealogic surveys, soils and vegetation studies, wildlife studies, searches for endangered or threatened

UMC 776.12(a)(3)(i) - (continued)
species, hydrologic studies and cultural and historic studies, all conducted by consultants in such fields, have not disclosed any feature that could be significantly damaged by the disturbance caused by trenching on the Sunnyside and Rock Canyon coal outcrops in Dugout Canyon.

UMC 776.12(a)(3)(ii) - The trenching would be performed with a bulldozer (D-8 CAT) following the floor rock of the coal outcrop. The areas are steeply sloped and boulder strewn which precluded the economic removal of topsoil prior to trenching. It is not anticipated that drilling or blasting will be necessary to trench. Excavated earth would be side cast. Access to the trenching location would be by existing roads.

UMC 776.12(a)(3)(iii) - Reclamation would be carried out by partial recovery of side cast material and induced sloughing of the embankment to the floor of the excavation, followed by reseeding with seed mix described below:

Western wheatgrass
Slender " "
Big bluestem

Great Basin Wildrye	Rate	5 lbs./ac.
Bulbous Bluegrass	Rate	5 lbs./ac.
Gambel Oak	Rate	1 lb./ac.
Woods Rose	Rate	1 lb./ac.

introduced Utah Plants - Welsh/Moore

It is anticipated that the trenching and reclamation will be completed during the third quarter of 1980.

UMC 776.12(a)(3)(iv) - Refer to 815.15 below.

815.15(a) - The proposed trenching areas (approximately 0.25 acres) contain no habitats of unique value for fish, wildlife and other related environmental values. The proposed trenching area is included in the environmental study area required for submission of Eureka's Sage Point-Dugout Canyon Project OSM Permit Application. Studies have not disclosed unique values in the proposed trenching areas.

815.15(b) - Any important environmental characteristics encountered during proposed trenching shall be measured and damage avoided to the extent practicable.

815.15(c)1 - Vehicular travel on other than graded and surfaced roads shall be limited to that absolutely necessary to the exploration. Damage to vegetation and rutting shall be avoided to the extent practicable.

815.15(c)(2) through 815.15(c)(4)ii - The proposed trenching operations will require no additional roads other than those approved for the drilling program to Drill Hole 14-3 as described in the original application.

815.15(d) - Steep, boulder strewn slopes preclude return to original contour. Original contour will be approached by partial recovery of side cast material and induced bank sloughing to a slope amenable to reseeding and natural drainage.

815.15(e) - Steep, boulder strewn and rock ledge terrain precludes the removal of topsoil prior to trenching. Revegetation will be seeded on restored surface contour as described in 815.15(d).

815.15(4)(f) - Not applicable when less than 250 tons of coal will be moved at each exploration area. ?

815.15(4)(8)(1)(2) and (3) - Not applicable. Ephemeral Intermittent or Perennial streams will not be diverted.

815.15(4)(h) - No underground opening will result from proposed trenching.

815.15(4)(i) - All equipment will be removed upon completion of trenching and reclamation.

815.15(4)(j) - Proposed trenching will not affect the hydrologic balance of the area.

815.15(4)(k) - Not applicable. Proposed trenching will create no toxic or acid-forming waste.

This additional information is submitted for your consideration and approval to conduct trenching.

Yours truly,

R F Goudge

R. F. GOUDGE
Project Coordinator

cc: PBBenzler
ATStillo
file