



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

June 11, 1982

Mr. Jackson W. Moffitt  
Minerals Management Service  
U.S. Geological Survey  
2040 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

RE: Proposed Coal Exploration Program  
Anaconda Minerals Company  
Emery County, Utah  
CEP/015/007

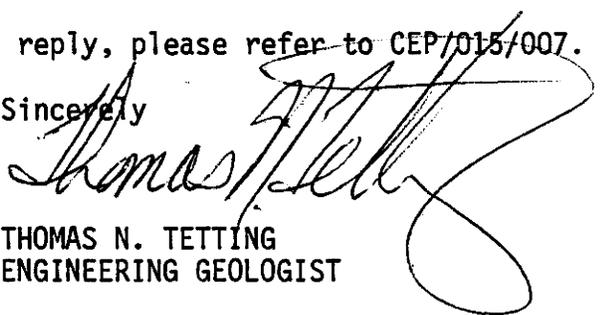
Dear Mr. Moffitt:

The Division has reviewed Anaconda Minerals Company's proposed coal exploration plan for Emery County, Utah, which was received by this office June 1, 1982. The plan under consideration adequately satisfied the State's concerns under requirements of Parts 776 and 815 of the regulations promulgated under the 1979 Act, "Regulation of Coal Mining and Reclamation Operations", Title 40-10-1 et, seq, Utah Code Annotated, 1953.

The Division requires no additional information at the present time. Upon completion of the exploration operations the Division will require notification of completion and a description of the plugging and reclamation activities which have taken place for each site.

Thank you for your cooperation. In reply, please refer to CEP/015/007.

Sincerely

  
THOMAS N. TETTING  
ENGINEERING GEOLOGIST

TNT/mn

cc: Laurie Gregory, Anaconda Minerals Co.

**ANACONDA Minerals Company**  
555 Seventeenth Street  
Denver, Colorado 80202  
Telephone 303 575 4000



May 24, 1982

State of Utah  
Division of Oil, Gas and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Dear Sir:

The Atlantic Richfield Company requests your permission to drill two exploration holes on the Little Bear Tract, Exploration License U-45607 in Emery County, Utah.

The holes will be approximately 1150 and 1800 feet in depth. We hope to commence drilling in early August and complete the program by the end of September.

Attached are discussions of specific procedures and a map depicting the proposed drill site.

We agree to fully comply with 30 CFR 211-6 of the operating regulations regarding the reporting of all information obtained by this program. We request that the data be held confidential.

Sincerely,

*Laurie A. Gregory*

Laurie A. Gregory  
Geologist

LAG:jmb  
attachment

**RECEIVED**  
JUN 01 1982

**DIVISION OF  
OIL, GAS & MINING**

AMENDMENT TO EXPLORATION LICENSE #U-45607  
LITTLE BEAR CANYON LEASE TRACT  
EMERY COUNTY, UTAH

AMENDMENT TO EXPLORATION LICENSE #U-45607  
LITTLE BEAR CANYON FEDERAL LEASE TRACT  
EMERY COUNTY, UTAH

Objective:

The Atlantic Richfield Company requests your approval to amend Federal Exploration License #U-45607 in Emery County, Utah. We propose to drill two exploration holes between Crandall and Mill Fork Canyons.

The purpose of the exploration program is to further define the reserves and mineability of the Blind Canyon and Hiawatha seams on the tract.

We anticipate commencing drilling in July, 1982, and completing the program by the end of September, 1982.

Equipment:

Roads and locations will be constructed with a D-6 bulldozer and a backhoe. We may use a smaller bulldozer for rehabilitation and clean up work.

Roads and locations will be constructed to safely accommodate the following equipment: (1) One, 2500 foot capacity air-rotary rig mounted on a tandem-axle truck; (2) One, 2500 gallon water truck; (3) One, wire line core rig; (4) One, small "electric logging" truck; (5) Pickups and jeeps; and (6) A bulldozer and backhoe. It may also be necessary to use additional trucks for hauling air compressors, extra casing or drill rod.

Operation Procedure:

The air-rotary rig will precede a wire-line core rig on the drill site. The air-rotary rig will drill to a specified core point, set casing and then be followed by the core rig. Cuttings will be described and sampled at 10 foot intervals during the rotary operation. The coring will begin about 50 feet above the Bear Canyon Seam and will continue through to the Star Point Sandstone.

Each hole will be logged with a gamma-density-caliper-resistivity log suite.

Proximate, ultimate and washability analyses will be performed on the Bear Canyon, Blind Canyon and Hiawatha coal seams.

Water for the drilling operation will be taken from running streams on East Mountain. No water will be taken from stock ponds unless authorized by the U.S. Forest Service. Sufficient water shares are owned by Beaver Creek Coal Company in the Huntington-Cleveland Irrigation Company to supply the water requirements for the drilling and the mine.

Two 5 x 10 x 5 foot pits will be constructed at the drill site. These pits will be lined so as to prevent drilling fluids from entering the groundwater or surface waters. The drill site will be approximately 50 x 75 feet in size.

Drill Sites:

No drilling fluid other than water will be allowed to enter lakes, ponds or live stream. Precautions will be taken to prevent livestock or game from falling into the pits. Upon completion of each hole, the pits will be pumped dry and backfilled.

The drill sites HC-6 and HC-7 are located on a ridge top and therefore are away from significant drainage.

<u>HOLE NO.</u>	<u>LOCATION</u>	<u>ELEVATION</u>	<u>DEPTH</u>
HC-6	SE $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$ SEC. 8, T16S, R7E	9625'	1800'
HC-7	SE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ SEC. 8, T16S, R7E	8905'	1140'

Roads:

Approximately one half mile of roadwork is anticipated to access the drill sites HC-6 and HC-7 from the existing U.S. Forest Service trails and the roads constructed to access previous drill sites. Road will be kept to a minimum width (12 foot) which will be consistent with the safe travel of the necessary vehicles. The roads shall be constructed, improved and maintained so as to prevent the accumulation of excessive heads of water and the erosion of the road surface. Cross drainages will be constructed as required.

Rehabilitation:

All holes will be sealed from the bottom of the hole to 20 feet above the top of the highest mineable coal seam. In addition, a 10-foot cement surface plug will be placed in the top of the hole.

Within 30 days after use of access roads and drill sites, the areas will be cleaned and graded according to U.S. Forest Service specifications. Natural drainage will be left in a functioning condition with minimum erosion.

At a time specified by the U.S. Forest Service, all areas in which natural vegetation has been removed will be revegetated with a seed mix to be recommended by the U.S. Forest Service.

All trash will be hauled off the National Forest.

Contractors and operating personnel will be informed of the provisions of this operating plan.

Schedule:

The program should commence by early August, 1982, and be completed by late September, 1982.

Bonding:

Bonding will be handled through Chubb & Sons, 1385 South Colorado Blvd., Denver, Colorado.

Primary Investigators:

M.L. Couchot  
Anaconda Minerals Co.  
(Coal Exploration)  
P.O. Box 5300  
Denver, CO 80217  
Phone: 575-7556

L.A. Gregory  
Anaconda Minerals Co.  
(Coal Exploration)  
P.O. Box 5300  
Denver, CO 80217  
Phone: 575-7538

# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:  
SERIAL No.: U-38727

and hereby designates

NAME: Atlantic Richfield Company.  
ADDRESS: 555 E. 17th/Denver, CO 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T16S - R73

Sec 24: SE $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$   
Sec 25: NE $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ E $\frac{1}{2}$ , SW $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$

T16S - R8E

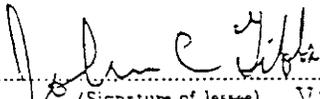
Sec 19: Lots 2,3,4, SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$   
containing 740.39 acres

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

April 21, 1982  
.....  
(Date)

  
.....  
(Signature of Lessee) Vice President  
NEVADA ELECTRIC INVESTMENT COMPANY  
P. O. Box 230  
Las Vegas, Nevada 89151  
.....  
(Address)

# DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:  
SERIAL No.: U-020668

and hereby designates

NAME: Atlantic Richfield Company -  
ADDRESS: 555 E. 17th/Denver, CO 80202

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T16S - R7E

Sec 25: SE $\frac{1}{2}$ NE $\frac{1}{2}$ , NE $\frac{1}{2}$ SE $\frac{1}{2}$

T16S - R8E

Sec 30: Lots 1-4, W $\frac{1}{2}$ NE $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , NW $\frac{1}{2}$ SE $\frac{1}{2}$

Sec 31: NE $\frac{1}{2}$ NW $\frac{1}{2}$ , NW $\frac{1}{2}$ NE $\frac{1}{2}$   
containing 626.32 acres

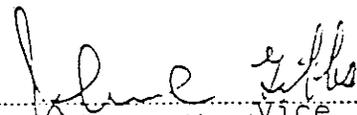
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

April 21, 1982

(Date)



(Signature of lessee)

Vice President

NEVADA ELECTRIC INVESTMENT COMPANY

P. O. Box 230

Las Vegas, Nevada, 89151

(Address)

INCORPORATED UNDER THE LAWS

UTAH

NUMBER  
No. A 730

SHARES  
800.00

# HUNTINGTON-CLEVELAND IRRIGATION COMPANY

HUNTINGTON, UTAH

*Ed's* **Chaffin, Mgr**

Hardy Coal Company

IS THE OWNER OF

Eight Hundred and no/100 \* \* \* \* \* SHARES OF THE CLASS A CAPITAL STOCK OF

HUNTINGTON-CLEVELAND IRRIGATION COMPANY

TRANSFERABLE ONLY ON THE BOOKS OF THE CORPORATION ON SURRENDER OF THIS CERTIFICATE PROPERLY ENDORSED.

*In Witness Whereof, the said Corporation has caused this Certificate to be signed by its duly authorized officers and its corporate Seal to hereunto affixed*

This 21 day of May A.D. 1925

*[Signature]*  
SECRETARY

*[Signature]*  
PRESIDENT

