U-0141171 et al.

United States Department of the Interior

GEOLOGICAL SURVEY

Office of the District Mining Supervisor
Conservation Division
2040 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

May 20, 1981

Mr. Cleon Feight, Director
State Of Utah
Division of Oil, Gas, & Mining
1588 West North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

Enclosed you will find a copy of Coal Search Corporation's exploration plan for Federal coal leases U-0141171, U-0141176, U-0141177, U-0141178.

An onsite inspection of the proposed sites has been scheduled for May 26, 1981.

Please notify Gerry Lebing of this office if your representatives intend to take part in the inspection.

Sincerely yours,

Jackson W. Moffitt
District Mining Supervisor

Enclosure

RECEIVED
MAY 21 1981
DIVISION OF
OIL, GAS & MINING

EXPLORATION PLAN

FEDERAL COAL LEASES

U0141178, U0141171, U0141177, U0141176

Coal Search Corporation is requesting approval for exploration work on the coal deposits known locally as the Skutumpah and Rock Canyon areas. Most of the coal deposit is controlled by Coal Search Corporation, a subsidiary of Energy Reserves Group. The entire exploration program will consist of 40 to 50 drill holes and perhaps a small siesmic survey. This exploration program has been separated into two different applications, depending upon ownership patterns, for convenience. This application will be for all lands leased by Coal Search Corporation under the lease numbers U0141178, U0141171, U0141177, and U0141176.

1. The persons responsible for operations for Coal Search Corporation in the Central Utah area are:

   D. Tom Hurst, Chief Mining Engineer
   P. O. Box V
   Salina, Utah 84654
   Telephone (801) 529-7402

   T. Julian Mitchell, Mine Superintendent
   P. O. Box V
   Salina, Utah 84654
   Telephone (801) 529-7402

The surface owners of record and the drill hole numbers are as follows:

<u>LEASE U0141178</u>

SECTION 6, TOWNSHIP 23 SOUTH, RANGE 4 EAST
SE¼ OF THE NE¼ DRILL HOLE NO. 32
NW¼ OF THE SW¼ DRILL HOLE NO. 33

U. S. Government
Fishlake National Forest
Richfield District

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MINING BRANCH

SECTION 25, TOWNSHIP 22 SOUTH, RANGE 3 EAST

NE¼ OF THE SE¼ DRILL HOLE NO. 27

U.S. Government

Fishlake National Forest

Richfield District

SECTION 29, TOWNSHIP 22 SOUTH, RANGE 4 EAST

NW¼ OF THE SW¼ DRILL HOLE NO. 29

John Wintch

234 South 500 West

Manti, Utah 84642

Telephone (801) 835-6561

SECTION 30, TOWNSHIP 22 SOUTH, RANGE 4 EAST

NW¼ OF THE NE¼ DRILL HOLE NO. 26

U.S. Government

Fishlake National Forest

Richfield District

SECTION 31, TOWNSHIP 22 SOUTH, RANGE 4 EAST

SE¼ OF THE NW¼ DRILL HOLE NO. 28

SW¼ OF THE SW¼ DRILL HOLE NO. 30

SE¼ OF THE SE¼ DRILL HOLE NO. 31

U. S. Government

Fishlake National Forest

Richfield District

LEASE U0141171

SECTION 7, TOWNSHIP 23 SOUTH, RANGE 4 EAST

NW¼ OF THE SW¼ DRILL HOLE NO. 34

U. S. Government

Fishlake National Forest

Richfield District

SECTION 18, TOWNSHIP 23 SOUTH, RANGE 4 EAST

NE¼ OF THE SW¼ DRILL HOLE NO. 35

U. S. Government

Fishlake National Forest

Richfield District

LEASE U0141177

SECTION 5, TOWNSHIP 22 SOUTH, RANGE 4 EAST

SW¼ OF THE SW¼ DRILL HOLE NO. 1

Dean Wilson
145 South 100 West
Salina, Utah 84654
Telephone (801) 529-7278

SE¼ OF THE NW¼ DRILL HOLE NO. 4

John Kelvin Bushnell
460 San Rafel Court
West Jordan, Utah 84084
Telephone (801) 561-3397

NE¼ OF THE NE¼ DRILL HOLE NO. 5

W. B. Prestwich
3799 Hillside Lane
Salt Lake City, Utah 84117
Telephone (801) 277-7036

SECTION 6, TOWNSHIP 22 SOUTH, RANGE 4 EAST

SE¼ OF THE NW¼ DRILL HOLE NO. 6

SW¼ OF THE NW¼ DRILL HOLE NO. 24

Howard Nielsen
North of Salina
Salina, Utah 84654
Telephone (801) 529-3974

SW¼ OF THE SW¼ DRILL HOLE NO. 23

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Richfield District

SECTION 7, TOWNSHIP 22 SOUTH, RANGE 4 EAST

SW¼ OF THE NW¼ DRILL HOLE NO. 9

SW¼ OF THE SW¼ DRILL HOLE NO. 10

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Richfield District

NE¼ OF THE NE¼ DRILL HOLE NO. 2

Howard Nielsen
North of Salina
Salina, Utah 84654
Telephone (801) 529-3874

SECTION 8, TOWNSHIP 22 SOUTH, RANGE 4 EAST

SE¼ OF THE NW¼ DRILL HOLE NO. 11

Glen Barney
198 North 300 East
Salina, Utah 84654
Telephone (801) 529-7765

SE¼ OF THE SW¼ DRILL HOLE NO. 12

Evan Michealson
115 East Main
Redmond, Utah 84652
Telephone (801) 529-3390

NE¼ OF THE SE¼ DRILL HOLE NO. 16

William Thompson
8400 South 4000 West
West Jordan, Utah 84084
Telephone (801) 255-1849

SECTION 18, TOWNSHIP 22 SOUTH, RANGE 4 EAST

NW¼ OF THE NE¼ DRILL HOLE NO. 3

Southern Utah Fuel Company
P. O. Box P.
Salina, Utah 84654
Telephone (801) 529-7428

SW¼ OF THE SW¼ DRILL HOLE NO. 20

Howard Nielsen
North of Salina
Salina, Utah 84654
Telephone (801) 529-3974

SW¼ OF THE SE¼ DRILL HOLE NO. 21

Bruce Nell
106 South 400 East
Manti, Utah 84642
Telephone (801) 835-6232

SECTION 31, TOWNSHIP 21 SOUTH, RANGE 4 EAST

SW¼ OF THE SW¼ DRILL HOLE NO. 25

U. S. Government
Fishlake National Forest
Richfield District

LEASE U0141176

No drilling anticipated

Approval of each surface owner of record will be acquired by Coal Search Corporation before any exploration drilling will be done.

2. Vegatation in the area that the exploration plan will take place is of the temporate shrubland, woodland, and savanna vegatation types that are typical to this area of the Rocky Mountains. Individual species include Pinyon Pine, Utah Juniper, Mountain Mahogany, Aspen, Big Sagebrush, Rabbitbrush, and Horsebrush. Also found in this area is Salina Wildrye, Indian Ricegrass, Ross Sedge, Meadow Rye, Winterfat, and Tufted Globemallow. To a lesser extent, Stickweed, Nuttall Aster, and Creeping Barberry occur in this area.

Wildlife species that may be found in this area include elk, mule deer, bobcat, mountain lion, red squirrel, porcupine, and black bear. Many small mammals also inhabit this area. They include chipmunks, ground squirrels, wood rats, pocket mice, snowshoe hares, jack rabbits, and coyotes. Great Basin rattle snakes and sagebrush lizards comprise the majority of reptile species to be found in the area. The avian species most likely to nest in this area are sharp-shinned hawk, forest grouse, yellow-bellied sapsucker, and the western tanager.

There are no threatened or endangered species that reside in this area, but the peregin falcon and the bald eagle intermittenly utilize the area for hunting or migrating purposes. No detrimental effects are expected to occur to these two species or to any other wildlife species found in the area due to the minor amount of surface disturbance and the summer season of operation.

3. Exploration equipment to be used will be truck or trailer mounted drill rigs capable of extracting 3" diameter core and rotary drilling a hole large enough to permit the coring of the coal measures under consideration. Electric logs, including resistivity, natural gamma, gamma density, and self potential, will be run the entire length of the drill hole. Crawler mounted bladed dozers will be used to construct drill sites when necessary. Drilling is expected to require water for cooling and removing drill cuttings from the hole.

3ii. Existing roads will be utilized whenever practicable. Major drainings will be avoided during required access road construction with the majority of the access roads being constructed on ridges and topographic highs. Water bars will be constructed across roads to diminish erosion. Road width will be held to minimum with a desired width of approximately 12 feet. Drilling water will be routed to a sump to allow for sediment deposition. All drill water will be imported to the drill sites. No open fires will be allowed, and each drill rig will be equiped with fire extinguishers and shovels to control any fires should they occur.

Water quality will not be impaired to any significant degree because of the minimal area of surface disturbance. All drilling water will be contained at the drilling site to allow for slow percolation into the surrounding soils. Sumps will be backfilled only when they become reasonably free of water and the disturbed area will be reclaimed as detailed later in this plan.

The only air quality degradation that will occur will be from exhaust fumes from internal combustion engines and from dust generated from travel on access roads. Should the dust generated from travel on the access roads become excessive, the dust will be allayed using water sprays mounted on trucks.

Wildlife will not be harassed during exploration. An inventory of archeaological or historical sites will be implemented prior to any excavation. Should any sites be discovered during construction, the proper authorities will be notified, and work at the site will be discontinued.

3iii. All drill holes will be cemented throughout the coal measures encountered unless requested to remain open by the regulatory authority or

as required for water monitoring. Water, if encountered, will not be allowed to flow unchecked, valves will be installed or the entire length of the hole will be cemented.

3iv. All newly constructed drill roads and drill sites will be reclaimed using bladed dozers such as those used for construction. All excavations will be graded to the approximate original countours. Barricades will be constructed near the main road to prevent further travel on these roads after reclaimation is complete. The dozers will back blade the reclaimed surface to provide a relatively smooth surface to allow for seeding of a mixture recommended by the U.S. Forest Service or other regulatory agencies. Any slash from road construction will be drug back onto the regraded road.. Seeding will be accomplished using broadcast type spreaders. Trees or shrubs will be planted according to supplier's recommendations. No fertilizer application is anticipated at the present time. Should fertilizers be required, they will be approved or recommended by the appropriate authority. Trash will not be allowed to accumulate at the drill sites.

4. It is anticipated that this exploration program will be conducted during the summer and fall months of 1981 and 1982. Seeding will occur when climate conditions are favorable, probably during the fall months of each year. Periodic inspections of the adequacy of the seeding will be made the following spring and summer. If reseeding is necessary to attain the desired reclaimation, it will be done shortly after these inspections.

5. The proposed drilling program is detailed on the attached map labeled exhibit A.

6. All information gathered during this exploration program will be supplied to the Mining Supervisor of the Conservation Division of the U.S.G.S. in the Salt Lake City Office in a timely manner after the information is gathered and assembled in a recognizable and useful form.