

## ARK LAND COMPANY

WESTERN EXPLORATION DEPARTMENT  
DIVISION OF ARCH MINERAL CORPORATION  
P. O. BOX 340 HANNA, WYOMING 82327  
307/325/9421

September 23, 1981

Mr. Tom Petting  
Oil, Gas & Mining Division  
Utah State Board  
1588 W. North Temple  
Salt Lake City, Utah, 84101

RECEIVED  
SEP 30 1981  
DIVISION OF  
OIL, GAS & MINING

Dear Sir:

Please consider this letter and the enclosed exploration plan as notice of Ark Land Co.'s intent to explore certain fee lands located near Scoffield, Utah and in the County of Carbon.

In accordance with the rules and regulations set forth in section UMC 776 (general requirements for coal exploration), Ark Land Co. hereby serves notice of its intent to drill and core by rotary drill methods, two (2) to four (4) holes on fee lands located in township 12 south, range 7 east. (Refer to 1:24,000 scale map for the precise locations).

The only coal that will be removed will be that contained in the cores which will be 2 1/8" in size. This volume will be far less than the 250 ton limit stipulated in sub-section UMC 776.11.

The name of the company requesting authorization to conduct this exploration drilling is Ark Land Co., a wholly owned subsidiary of Arch Mineral Corporation. The current address of Ark is P.O. Box 340, Hanna, Wyo. 82327 and its telephone number is 307-325-6581 (ext. 229). The representative of Ark who will be present at and responsible for this exploration activity is Jack Cully, who can be reached at the above address and telephone number. ↩

This exploration activity is scheduled to begin on or about October 1, 1981 and last from four to six weeks, dependant upon weather conditions. If the drilling cannot be completed in this time frame, then a similiar sequencing would become necessary some time in the spring or early summer months of 1982.

The coal to be explored for is owned in fee and the surface is also fee land but with seperate ownership. Permission for egress and ingress has been obtained from the surface owner and can be documented with a surface owner's agreement upon execution and approval of this exploration plan.

All exploration activities will be conducted in an enviornmentally, sound manner. Only existing roads and trails will be utilized and no off road travel is anticipated. The existing roads have recently been graded and are sufficient to conduct all exploration activity planned. No adverse impacts are anticipated as only one drill rig is to be contracted and each drill hole should be completed in 3 - 4 shifts.

The depth of the holes will range from 1500 ft. to 2000 ft. Due to these extreme depths no portable mud pits will be used as the volume of drill cuttings would exceed the capacity of the pit and result in cuttings being spread over the surrounding terrain. Temporary pits of sufficient size will be dug and all drill cuttings will be contained within this pit area. Upon hole completion these pits will be backfilled with stockpiled material from which they were dug, resloped and topsoil redistributed over the former pit area.

The entire drill site will be reseeded with the same variety of native grasses common to the site. No drill cuttings or other sediment will be allowed to enter drainages.

Upon completion of the drilling program and geophysical logging of each hole, the hole will be plugged in accordance with all applicable Utah State regulations. It is planned to set surface casing as needed to restrict the unconsolidated layer of soil and gravel from caving the drill hole. Upon completion, each hole will be filled with a bentonite base gel which will prevent the contamination of aquifers.

*What do you think Tom?* →

As provided for in sub-section UMC 776,17, Ark Land hereby requests that all information submitted in this application and as required at any future time be treated as confidential. This request is being made as Ark Land Co. will be the sole operator and as such will incur all liability for this exploration. In addition all coal to be explored is owned in fee and the data obtained should be considered as private.

It is important to Ark Land that approval of this plan be received as soon as possible as the winter weather conditions in the area to be explored can be extreme. Any and all considerations that could expedite the approval of this plan would be appreciated. If additional information or clarification of our plan is needed please contact me.



Jack Cully  
Manager of Exploration  
Western Division  
Ark Land Co.

cc./ Neal Parker  
Vice President of Engineering and  
Exploration, Arch Mineral Corp.