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ACT/007/019-88A #2
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3000
SL-027304
(U-066)

Koab District
Price River Resource Area
900 North 700 East
Price, Utah 84501

MAR 21 1988

Mr. Michael Glasson
Andalex Resources, Inc.
Tower Division
P. O. Box 902
Price, Utah 84501

Dear Mr. Glasson:

Your proposal for minor modifications of the approved mine plan, received by this office March 15, 1988, has been reviewed.

The proposal to colonize the Aberdeen Mine First North section below the Pinnacle Mine Main North section is common mining practice and necessary to protect the Aberdeen Mine First North Mains.

The Apex Mine south sections are proposed to be driven on 60-foot centers, leaving 40x40 pillars which will not be pulled. The mining engineer from this office has verified the mining conditions described in your letter and agrees that it may not be prudent to pull the pillars in this area because of low coal height and the massive sandstone roof. Given these conditions, it is possible that an adequate cave could not be induced and thereafter put extreme abutment pressures on the remaining pillars, threatening the recovery of the coal. It is our opinion that the proposed modification satisfies the requirements of maximum economic recovery.

Therefore, the modifications proposed for the Apex and Aberdeen Mines are approved as proposed.

If you have any questions regarding this matter, please contact Jeff Clawson at (801) 637-4584.

Sincerely yours,

/S/ DENNIS J. WILLIS
Area Manager

Enclosures:

Andalex Proposal w/Apex
and Aberdeen Mine Maps

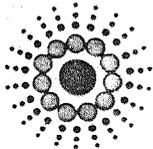
cc:

DM, Koab (U-085), w/enclosures
SD, Utah (U-921), w/enclosures
DOGM, w/enclosures

JClawson:ks:3/18/88
Wang 0748D

RECEIVED
MAR 23 1988

DIVISION OF
OIL, GAS & MINING



ANDALEX

RESOURCES, INC.

Tower Division

Jeff Clawson
Bureau of Land Management
March 7, 1988
Page 2

any mining in the vicinity due to lack of clearance in a seam which already is restricted due to its height. Any sag whatsoever would result in equipment shearing off roof bolts and resulting in obviously unsafe and intolerable conditions.

Andalex has determined that an eleven parallel entry system will be incorporated. The reason behind this is simply because it is the maximum recoverable area from a one conveyor belt panel. Five pillars, 40 x 40 plus the 20 foot wide entries associated on each side of the conveyor belt in the center or main entry, is maximum from a productivity standpoint. These entries will be followed to the south until burn is encountered. Burn will be approached in each of the eleven entries until practicable; at which time the main east entry will be driven either east or west far enough to develop another panel south. This system will result in an overall recovery of roughly 60%.

This is not to say that Andalex may not attempt a pillar section in another part of the mine, for example to the northwest where coal height is greater. Andalex will keep the Bureau of Land Management informed of its success in this endeavor, and any changes which may be made as a result of this first panel attempt.

Andalex will perform in compliance with its obligations on these federal leases regarding maximum economic recovery and we appreciate the BLM's including these modifications into Andalex's overall operating plan.

Thank you.

Respectfully submitted,

Michael W. Glasson
Senior Geologist
Western Operations

MWG/amr

Enclosure

D.H. 7
NACC

D.H.
MC-193-78

D.H. 2A

Federal
Federal

77- - CP

1989

APPROVED

Main North

50' Barrier Pillar

12 7
13 18

77-4-CP Barrier Pillar

Main

Grand
Inactive

ABERDEEN
MINE

1" = 400'

Barrier Pillar
Blufftame no. 3 Mine
(Inactive)

50' Barrier Pillar

40" Thickness

The entries will progress as far as possible until the seam height is less than 4'0" or the burn is encountered

FILED

er Pillar

Barrier Pillar

2

77-B-CP

Main East

Pillar

Main

APEX MINE
1" = 400'

Barrier Pillar

1989

Main East

Potential Portal

-CP

1991

APPROVED

D.H. 2A

Federal Lease U-010581
Federal Lease SL-027304

1990

1988

1993

Federal Lease SL-063058

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on of entries and extent
g may vary depending
nditions encountered
etc.) on these points.

7 8