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State of Utah

DEPARTMENT OF NATURAL RESOURCES

BRIAN C. STEED
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 29, 2020

John Byars, General Manager
Canyon Fuel Company, LLC
597 South SR24
Salina, Utah 84654

Subject: Conditional Approval of Additional Pines East Panel, Canyon Fuel Company, LLC, Sufco Mine, C/041/0002, Task #6194

Dear Mr. Byars:

The above-referenced amendment is approved conditioned upon receipt of 2 clean copies prepared for incorporation. Please submit these copies by October 29, 2020. Once we receive these copies, final approval will be granted.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan.

If you have any questions, please call me at (801) 538-5350.

Sincerely,

Steve Christensen
Coal Program Manager

SKC/sqs
cc: Bryant Bunnell, CFC
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Technical Analysis and Findings
Utah Coal Regulatory Program

PID: C0410002
TaskID: 6194
Mine Name: SUFCO MINE
Title: ADDITIONAL PINES EAST PANEL

General Contents

Right of Entry

Analysis:

The amendment meets the State of Utah R645 requirements for Right of Entry.
The proposed panel is being added to the existing Pines Lease (UTU-76195). No change is necessary to the MRP as the Permittee has existing right of entry.

adaniels

Legal Description

Analysis:

The amendment meets the State of Utah R645 requirements for Legal Description.
The proposed panel is being added to the existing Pines Lease (UTU-76195). No change is necessary to the MRP as the Permittee has the lease listed in the currently approved legal description.

adaniels

Environmental Resource Information

Historic and Archeological Resource Information

Analysis:

The amendment meets the State of Utah R645-301-411 requirements for Historic and Archeological Resource Information.

The Confidential section of the amendment contains a cultural resource report titled "A Cultural Resource Survey for Canyon Fuel Company, LLC's SUFCO Mine 2020 Pine East Tract Subsidence Project, Sevier County, Utah" which is dated July 2020 (Utah SHPO Project No.: U20TD0840) and was done by Tetra Tech. The results of this report did not locate any NRHP-eligible cultural resource sites in the project area. As such the SHPO concurred with the Forest Service's determination of No Historic Properties Affected. A copy of the SHPO concurrence letter is found in the amendment in Appendix 4-2 of the Confidential section, immediately following the cultural resource report.

tmiller

Fish and Wildlife Resource Information

Analysis:

The amendment meets the State of Utah R645-301-322 requirements for Fish and Wildlife Resource Information.

The amendment contains a raptor survey completed in the spring of 2020 which does not indicate any known raptor nests in the area of the proposal. A previously known Northern Goshawk nest in the area was not located and determined to no longer exist.

As part of the approval process, consultation and coordination with associated agencies is required. Consultation with the U.S. Fish and Wildlife Service (through the IPaC website) did not reveal any wildlife issues in the area. One plant was noted in the Species List: Last Chance townsendia (*Townsendia aprica*). However, due to the nature of the proposal, with no surface disturbance, there is no impact anticipated to the plant. Neither DWR nor the Forest Service indicated any issues with this proposal.

tmiller

Operation Plan

Subsidence Control Plan Subsidence

Analysis:

The amendment meets the State of Utah R645 requirements for Subsidence Control Plans.

The amendment proposes to add a fourth Longwall panel in the Pines East section of Lease UTU-76195. The lease for this portion of the Pines Tract was acquired in October 1999. The narrative on Page 5-25 states that only the Upper Hiawatha coal seam will be mined, and the expected overburden will range between 750 - 1,000 feet. Plate 5-10 illustrates the orientation of the Longwall panels as well as the limit of potential subsidence within the 15-degree draw angle. Also depicted on Plate 5-10 are the locations of survey control points and aerial targets above the proposed longwall panels. There are no structures, dwellings, impoundments, roads, or utility corridors on the surface above the proposed Longwall panels, and the expected subsidence across the panels is 5 feet or less. The longwall panel under consideration in this application is approximately half the length of the previously approved panels in the Pines tract and is located at the southern end of the lease, beneath the Pines East mains. All of the longwall panels in Plate 5-10 are bordered by a heavy dashed line that depicts the limit of potential subsidence.

jeatchel

Maps Mine Workings

Analysis:

The amendment meets the State of Utah R645 requirements for Mine Workings Maps.

The application satisfies the requirements for R645-301-521.142 and -512.110 because Plates 5-1, 5-7, 5-10, and 5-11 clearly illustrate the location and configuration of the proposed Longwall mining panels. Additional information included on the Plates includes the location of older mine workings in relation to the proposed Longwall panels as well as the topographic surfaces, current lease boundaries, and other pertinent facilities. All plates have been certified by Jacob D. Smith, a licensed Professional Engineer in the State of Utah.

jeatchel