



State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Technical Analysis and Findings

Utah Coal Regulatory Program

December 13, 2017

PID: C0070039
TaskID: 5562
Mine Name: DUGOUT CANYON MINE
Title: PERMIT MODIFICATION

Operation Plan

Subsidence Control Plan Subsidence

Analysis:

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

The Dugout Canyon Mine stopped longwall mining and switched to exclusively continuous miner room and pillar extraction (first mining) in 2012. Longwall mining (second mining) is a method where subsidence is encouraged and expected, and since it has been five years since it was last employed, subsidence has been limited to pre-2013 mining activities. Monitoring has been conducted for the last five years to track the degree and extent of residual subsidence since longwall mining was discontinued in 2012.

The narrative clarifies that there has been no subsidence change for the last two consecutive years and that no additional secondary mining is planned going forward. Additionally, a check of the annual reports submitted to the Division verifies that indeed there has been no reportable subsidence detected in the last two years. Therefore, Permittee considers the period of potential subsidence to be complete and will terminate all additional subsidence surveys at this time. If second mining is once again planned to be employed, Permittee will notify the Division of this change and a subsidence control plan re-instated.

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