



GARY R. HERBERT
Governor
GREG BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Technical Analysis and Findings
Utah Coal Regulatory Program

September 18, 2015

PID: C0070005
TaskID: 4971
Mine Name: SKYLINE MINE
Title: SUBSIDENCE MONITORING REDUCTION

Summary

The application meets the minimum requirements of R645-301-500 and -800 by presenting the mine plan details, plates, and drawings presented within the application. The application includes a reduction in subsidence monitoring in the area above Panels 1L through 6L in Mine #3 of the Skyline Mine permit area. Subsidence monitoring for the above areas was conducted after mining in 1982 through 2014 as described in the MRP. The area was found that during the 2013 and 2014 to show no further subsidence. The areas subsided a maximum of four feet and showed no further subsidence since 2013.

Water monitoring points exist within the area above Panels 1L-6L (CS-20 and CS-24) and will continue to be monitored quarterly. A well and a spring also exist within the Winter Quarters canyon and will also continue to be monitored.

Deficiencies Details:

cparker

Operation Plan

Subsidence Control Plan Subsidence

Analysis:

The minimum requirements of R645-301-525.400 are met in the application as the Permittee presented a clear subsidence plan for protected areas. The MRP includes text under Section 4 17.9 detailing various sections of mined panels that have subside and show two continuous years of no further movement are eligible to be removed from the annual subsidence monitoring program. Text was edited within the application under Section 4.17.9 detailing that subsidence monitoring ceased for panels 1L-6L in Mine #3 in 2014. Mining operations were completed in said panels in June 2012 and showed a maximum subsidence in the areas of four feet. The annual subsidence reports for 2013 and 2014 show. The subsidence did not result in any material damage.

cparker

Subsidence Control Plan Performance STD

Analysis:

The application meets the minimum requirements of R645-301-525.300 by included a detailed subsidence plan for all mined

panels within the Skyline permit and submitting annual subsidence reports to the Division.

carker