

SUNDRY NOTICE SUPPLEMENT

NEELY 39N 17W 7SWSW

HIGH POINT RESOURCES



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PURPOSE

This document supplements the Form 4 Sundry notice submitted on the COGCC eform system by High Point Resources (HPR) NEELY N39N 17W 7SWSW, subsequently referred to as the reclamation site. This document provides information on qualitative and quantitative monitoring and results of the final reclamation effort. This document also provides justification for the Form 4 request for inspection and release of HPR from further obligation at the reclamation site.

FINAL RECLAMATION PROCEDURE

Each year the pad is qualitatively monitored, to determine if the reclamation area(s) need any action to improve the quality of reclamation. The qualitative monitoring inspects for weed presence, seeding needs, bare areas on the reclamation, erosion control, mowing needs, any changes to fencing, and other observations.

QUALITATIVE MONITORING

METHODS

Qualitative monitoring was performed on May 17, 2019 at the reclamation site. Qualitative monitoring consists of capturing reclamation site photos and inspecting the reclamation site in order to determine if the reclamation activities are appropriate to satisfy COGCC requirements. The GPS coordinates of the photo point are 37.646688, -108.7717325, see Map 1.

Landscape photos are captured at each sampling event in the south, west, north, east directions at each photo point on the reclamation site. A landscape photo of the reference site is also captured if the site looks to meet reclamation release criteria.

QUALITATIVE OBSERVATIONS

The qualitative sampling occurred on May 17, 2019. Photographs of the sampling events are included in Appendix A. The site was observed to have slightly lower production than the adjacent area but is still being used for agricultural production. There are no noxious weeds present. This site is recommended for release.

QUANTITATIVE MONITORING

METHODS

For Crop land, quantitative monitoring effort consisted of sampling 20 randomly placed 1 m² quadrats for plant density on-site and repeating the same procedure in an adjacent non-disturbed area. The mean on-site density is then compared to the off-site density resulting in a ratio showing the relative on-site density to off-site density.

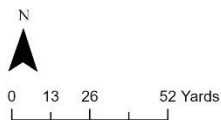
The points used where quadrats were placed can be seen in Map 1.

QUANTITATIVE OBSERVATIONS

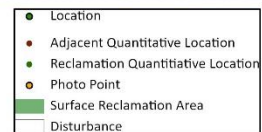
	Mean Density (# plants/meter)
On-Site	24.3
Adjacent	26.7
On-site/Adjacent	0.91

CONCLUSION

Pad NEELY 13H-7-39-17 should meet the final reclamation requirements due to plant density closely matching the adjacent area, and reclamation area showing no significant unrestored subsidence as required by COGCC regulation.



NEELY N39N17W7 SWSW



Map 1: Site Map and Monitoring Point Location

APPENDIX A RECLAMATION SITE PHOTOS
May 2019 Qualitative Sampling

Photo 1. North facing



Photo 2. East facing



Photo 3. South facing



Photo 4. West facing



Reference Photo

A reference site photo was captured on the E of the reclamation.

