




**MINERALS PROGRAM INSPECTION REPORT**  
**PHONE: (303) 866-3567**

The Division of Reclamation, Mining and Safety has conducted an inspection of the mining operation noted below. This report documents observations concerning compliance with the terms of the permit and applicable rules and regulations of the Mined Land Reclamation Board.

<b>MINE NAME:</b> Hasser Borrow Pit	<b>MINE/PROSPECTING ID#:</b> M-2019-015	<b>MINERAL:</b> Borrow material for construction	<b>COUNTY:</b> Prowers
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy Eschberger	<b>INSP. DATE:</b> September 17, 2020	<b>INSP. TIME:</b> 11:30
<b>OPERATOR:</b> Castle Rock Construction Company of Colorado, LLC	<b>OPERATOR REPRESENTATIVE:</b> Darren Janssen	<b>TYPE OF OPERATION:</b> 111 - Construction by Government Agency	

<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$21,177.00
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None
<b>WEATHER:</b> Clear	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 7, 2020

**GENERAL INSPECTION TOPICS**

This list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each. No problems or possible violations were noted during the inspection. The mine operation was found to be in full compliance with Mineral Rules and Regulations of the Colorado Mined Land Reclamation Board for the Extraction of Construction Materials and/or for Hard Rock, Metal and Designated Mining Operations. Any person engaged in any mining operation shall notify the office of any failure or imminent failure, as soon as reasonably practicable after such person has knowledge of such condition or of any impoundment, embankment, or slope that poses a reasonable potential for danger to any persons or property or to the environment; or any environmental protection facility designed to contain or control chemicals or waste which are acid or toxic-forming, as identified in the permit.

(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>Y</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>N</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>NA</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>Y</u>	

Y = Inspected / N = Not inspected / NA = Not applicable to this operation / PB = Problem cited / PV = Possible violation cited

## **OBSERVATIONS**

This was a normal monitoring inspection of the Hasser Borrow Pit (Permit No. M-2019-015) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator was represented by Darren Janssen during the inspection. The site is located approximately 23 miles south of Lamar, CO, just west of and adjacent to Hwy 287. Access to the site is via an existing ranch road off Hwy 287. Only a portion of the ranch road is included within the permit area. **Photos 1-12** taken during the inspection are included with this report.

This is a 111c operation permitted for 5 acres to mine borrow dirt for a Hwy 287 climbing lanes reconstruction project south of Lamar. The affected lands are owned by Douglas Hasser. The operation will begin mining from the northwestern edge of an existing reclaimed pit. The site will be mined generally in a northwestern direction. The maximum mining depth will be approximately 12-1/2 feet. Salvaged topsoil will be stored along the southeastern edge of the pit until needed for reclamation. Mined material will be directly hauled off site to the road project. No on-site processing of mined material will be required. However, a small mobile batch plant, not associated with the mine, may operate adjacent to the highway during the road project (outside of the permit area).

The approved post-mining land use for the site is rangeland. The reclamation plan (see enclosed reclamation plan map) includes grading pit slopes to 4H:1V, replacing 6 inches of topsoil on disturbed land, and revegetating the land with a native grass and forb seed mixture. The existing ranch road, a portion of which is located inside the western portion of the permit area, will remain after reclamation. The operator estimated the road project would be completed in the Fall of 2019 and reclamation of the site would begin soon afterward.

At the time of the inspection, the weather was warm and dry. An adequate permit sign was posted at the main site entrance off of Hwy 287. The corners of the rectangular-shaped permit boundary were delineated by T-posts. Mining was completed at the site in September of 2019. The site has been in reclamation since that time. All pit slopes have been graded to 4H:1V or flatter and blend well with surrounding topography. Initial seeding of the site occurred in the Fall of 2019. The site was drill-seeded and 2 tons per acre of certified weed free straw mulch was mechanically crimped into the topsoil per the approved reclamation plan.

The Division observed some grasses growing in the seeded area. However, the vegetative cover at this time consists primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers). The vegetative cover was more sparse in some areas, particularly along the top edges of the pit slopes. The Division recommends the operator continue to monitor revegetation success in seeded areas and reseed the site as needed. Additionally, the operator will need to implement the weed control plan for the site to prevent nuisance weeds from hindering the growth of desired vegetation. The operator currently has plans to reseed the site next spring if needed.

No problems were observed during the inspection.

The Division currently holds a financial warranty in the amount of \$21,177.00 for completing reclamation of the site in accordance with the approved plan. At this time, remaining reclamation includes only revegetating the disturbed land. Therefore, the currently held financial warranty is sufficient.

This concludes the report.

*Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Colorado Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at [amy.eschberger@state.co.us](mailto:amy.eschberger@state.co.us).*

## **PHOTOGRAPHS**



**Photo 1.** View looking east from access road, showing T-posts marking southwestern corner of permit boundary.



**Photo 2.** View looking west from access road, showing T-post marking northwestern corner of permit boundary.





**Photo 3.** View looking southwest across northwestern portion of pit in reclamation, showing slopes graded 4H:1V or flatter and vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers).



**Photo 4.** View looking southeast across pit floor in reclamation, showing vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers).





**Photo 5.** View looking east across northeastern portion of pit in reclamation, showing slopes graded 4H:1V or flatter and vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers). Note vegetative cover more sparse along top of pit slope.



**Photo 6.** Ground view of area in reclamation, showing vegetative cover consisting of some grasses but primarily weeds (mainly kochia in this photo). Note straw mulch that remains from initial seeding completed in Fall of 2019.



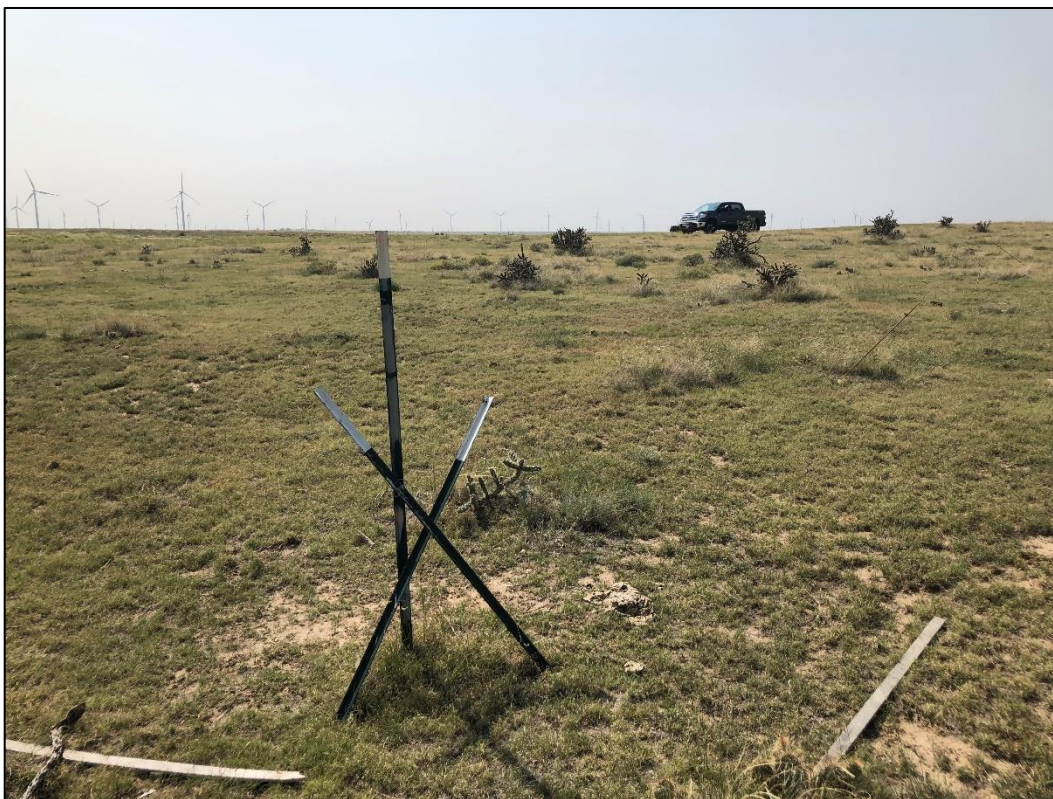


**Photo 7.** View looking west across northern half of pit in reclamation, showing slopes graded 4H:1V or flatter and vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers).



**Photo 8.** View looking south across southern half of pit in reclamation, showing slopes graded 4H:1V or flatter and vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers).





**Photo 9.** View looking southeast, showing T-posts marking northeastern corner of permit boundary.



**Photo 10.** View looking northwest across eastern slope of pit in reclamation, showing slopes graded 4H:1V or flatter and vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers). Note vegetative cover more sparse along top of pit slope.





**Photo 11.** View looking west across southern edge of pit in reclamation, showing vegetative cover consisting of some grasses but primarily of weeds (e.g., kochia, curlycup gumweed, wild sunflowers).



**Photo 12.** View looking west, showing existing ranch road that will remain after reclamation.



**Inspection Contact Address**

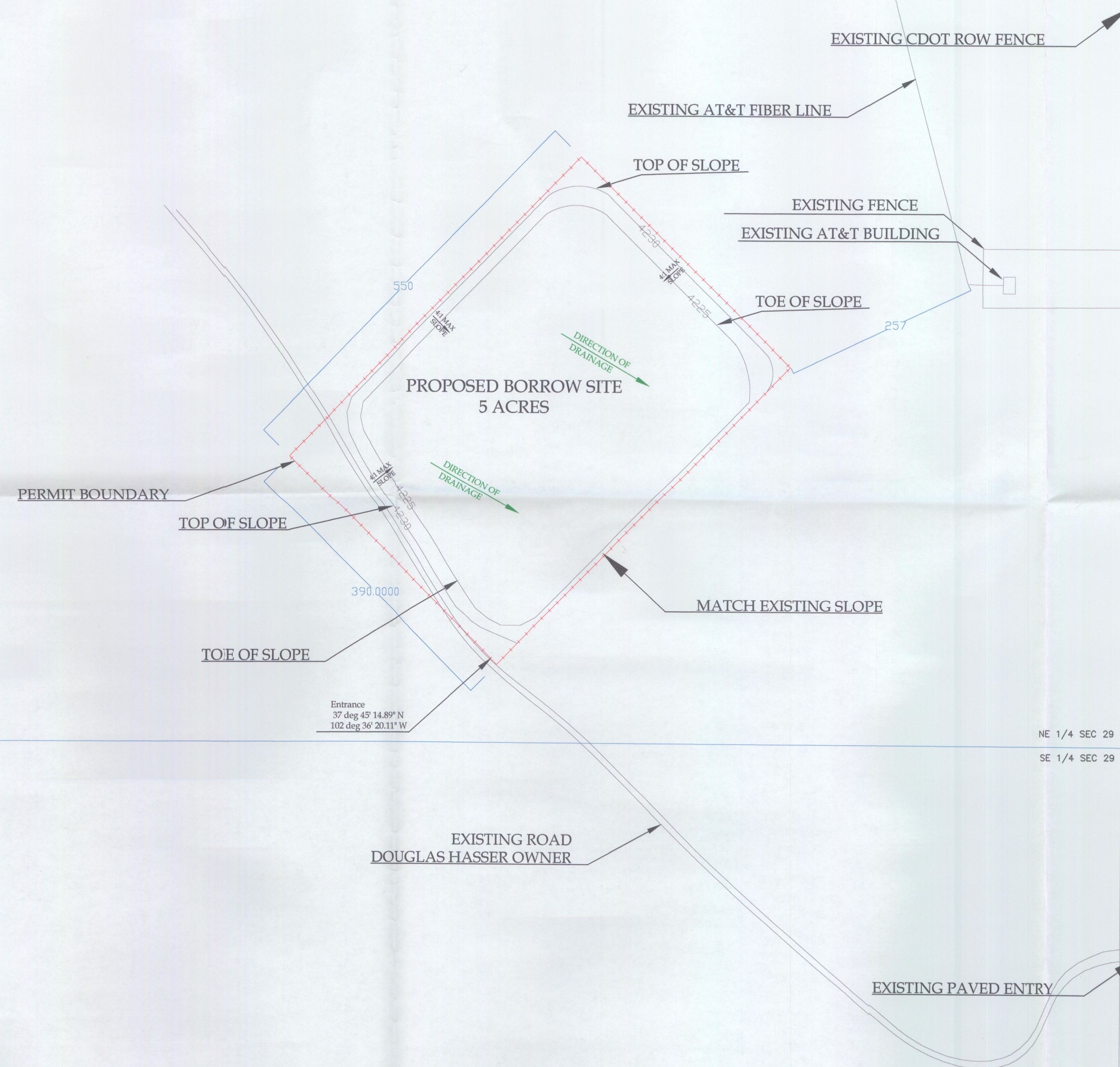
Ralph Bell  
Castle Rock Construction Company of Colorado, LLC  
6274 S Racine Circle  
Centennial, CO 80111

Encl: Reclamation Plan Map

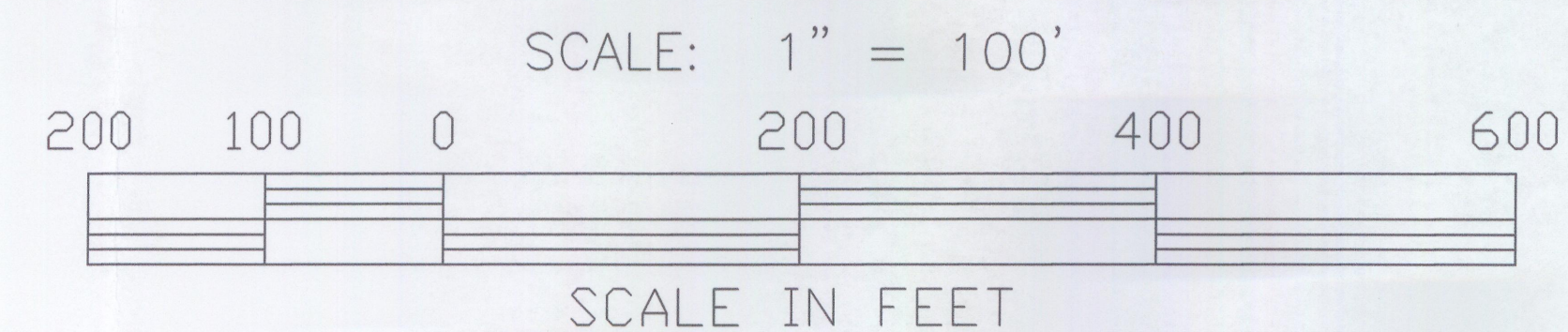
CC: Michael Cunningham, DRMS



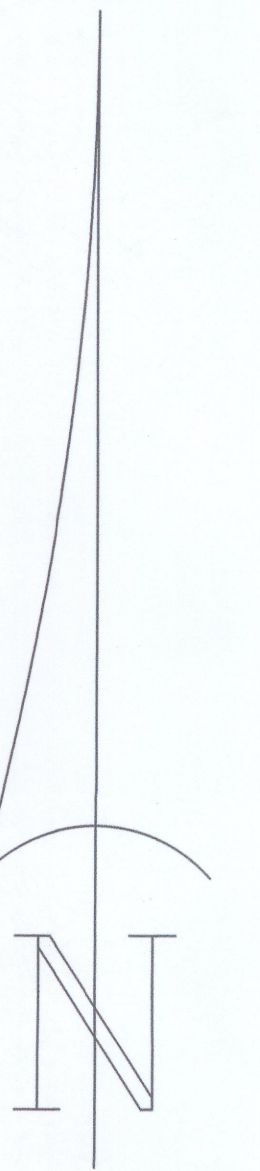
- +++++ Permit Boundary
- Existing Contours
- Final Toe/Top of Slope
- Section Lines



RECLAMATION NOTES:  
 4'-6" of topsoil to be replaced over disturbed pit area  
 It is anticipated that no overburden will be stockpiled or replaced  
 All disturbed areas within the pit limits to be seeded with Eastern Plains seed mix  
 All disturbed areas within pit limits to be mulched with weed free straw and crimped



PIT LIMITS



RECEIVED  
 APR 18 2019  
 DIVISION OF RECLAMATION  
 MINING AND SAFETY  
*261 Map*

*ply self*

CASTLE ROCK CONSTRUCTION  
 OF COLORADO, LLC  
 HASSER PIT  
 RECLAMATION PLAN  
 PROWERS COUNTY, CO  
 APRIL 16, 2019