




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.

MINE NAME: Hasser Borrow Pit	MINE/PROSPECTING ID#: M-2019-015	MINERAL: Borrow material for construction	COUNTY: Prowers
INSPECTION TYPE: Preoperation Inspection	INSPECTOR(S): Amy Eschberger	INSP. DATE: April 26, 2019	INSP. TIME: 08:45
OPERATOR: Castle Rock Construction Company of Colorado, LLC	OPERATOR REPRESENTATIVE: Darren Janssen	TYPE OF OPERATION: 111c - Construction by Government Agency	

REASON FOR INSPECTION: Preoperation Inspection	BOND CALCULATION TYPE: Complete Bond	BOND AMOUNT: \$21,177.00
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Clear, windy	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: May 6, 2019

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

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

OBSERVATIONS

This was a preoperation inspection of the Hasser Borrow Pit (Permit No. M-2019-015) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division) in response to a 111c permit application filed with the Division on April 15, 2019 by Castle Rock Construction Company of Colorado, LLC. The site is located approximately 23 miles south of Lamar, Colorado, just west of Hwy 287. The site can be accessed from the east via an existing ranch road off of Hwy 287. Only a portion of the ranch road is included in the permit area. Mr. Darren Janssen represented the operator during the inspection. **Photos 1-9** taken during the inspection are included with this report.

The application was submitted for a Hwy 287 climbing lanes reconstruction project south of Lamar. The proposed permit area is 5 acres (see enclosed mining plan map) on land owned by Douglas Hasser. The operation will begin mining borrow dirt from the northwestern edge of a reclaimed pit. The site will be mined generally toward the northwest. The maximum mining depth will be approximately 12-1/2 feet. Salvaged topsoil will be stored at the southeastern edge of the pit to keep it from being redisturbed during operations. Temporary soil berms will be placed along the southeastern edge of the pit for stormwater control. Mined material will be directly hauled off site to the road project. No processing of the mined material will occur on site. However, a temporary batch plant, not associated with the mine, will operate on site approximately 1,000 feet to the south.

The proposed post-mining land use for the site is rangeland, which is consistent with surrounding land use. For reclamation, the pit slopes will be graded to 4H:1V, the disturbed land will be retopsoiled at a minimum depth of 6 inches, and the land will be revegetated with a native grass and forb seed mixture (see enclosed reclamation plan map). The operator anticipates reclamation of the site will occur in Fall of this year.

The operator has posted a permit sign at the main site entrance off of Hwy 287. A public notice sign was also posted at the entrance gate. The rectangular-shaped permit boundary was delineated by survey stakes. The only structure located within 200 feet of the permit area is the existing ranch road, which is covered under the operator's lease agreement with the landowner. The only other structures located in the area are the small AT&T building and surrounding fence, a fiberline, Hwy 287, and the CDOT right-of-way fencing along the western edge of Hwy 287. These structures were identified in the application and are located more than 200 feet from the permit area, thus not requiring damage waivers. No problems were observed during the inspection.

The Division estimates the required financial warranty for the proposed operation to be in the amount of \$21,177.00, which the operator posted on April 23, 2019. Therefore, the Division approved and issued the permit on April 24, 2019.

This concludes the report.

PHOTOGRAPHS



Photo 1. View of permit sign posted at main site entrance off of Hwy 287.



Photo 2. View looking northwest from southwestern corner of permit boundary, marked by a survey stake. Existing ranch road shown at left.



Photo 3. View looking east across proposed permit area from its western boundary.



Photo 4. View looking northeast from northwestern corner of permit boundary, marked by a survey stake.



Photo 5. View looking southeast from northeastern corner of permit boundary, marked by a survey stake.



Photo 6. View looking south across proposed permit area from its eastern boundary.



Photo 7. View looking southwest from southeastern corner of permit boundary, marked by a survey stake.



Photo 8. View looking south from southeastern corner of permit boundary, showing reclaimed pit to the southeast (not included in the permit area).



Photo 9. View looking northeast at small AT&T building and surrounding fence located more than 200 feet northeast of the proposed mine site.

Inspection Contact Address

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

Encls: Mining Plan Map
Reclamation Plan Map

CC: Michael Cunningham, DRMS

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

SEC. 20 R46W
OWNER: SUSAN & LAWRENCE VASHUS
3/8 MILE FORM PIT LIMITS

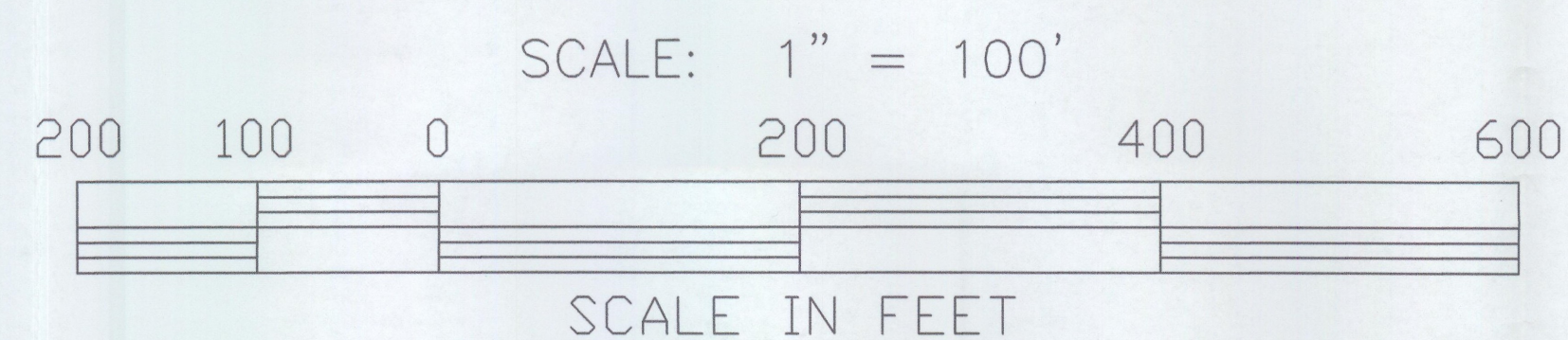
SEC. 30 R46W
OWNER: DOUGLAS J. HASSER

PIT AREA SURFACE AND SUBSURFACE OWNER
DOUGLAS HASSER OWNER
SEC 29 R46W

SE 1/4, SE 1/4, SEC. 29
OWNER: LUCY R. FOWLER
1/4 MILE

Pit Legal Description

Pit lies in the Southeast quarter of the Northeast quarter of Section 29, T26S, R46W;
Beginning at a Found 3" aluminum cap stamped Southeast corner of the Southwest quarter of Section Twenty (20) Township Twenty Six (26) South of Range Forty Six (46) West, is the true Point of Beginning (P.O.B.)
thence N 54deg19'40" W a distance of 4491.80';
thence N 47deg22'36" W a distance of 390.00';
thence N 42deg37'24" E a distance of 550.00';
thence S 47deg22'36" E a distance of 390.00';
thence S 42deg37'24" W a distance of 550.00';
which is the point of beginning



PIT LIMITS

RECEIVED

APR 18 2019

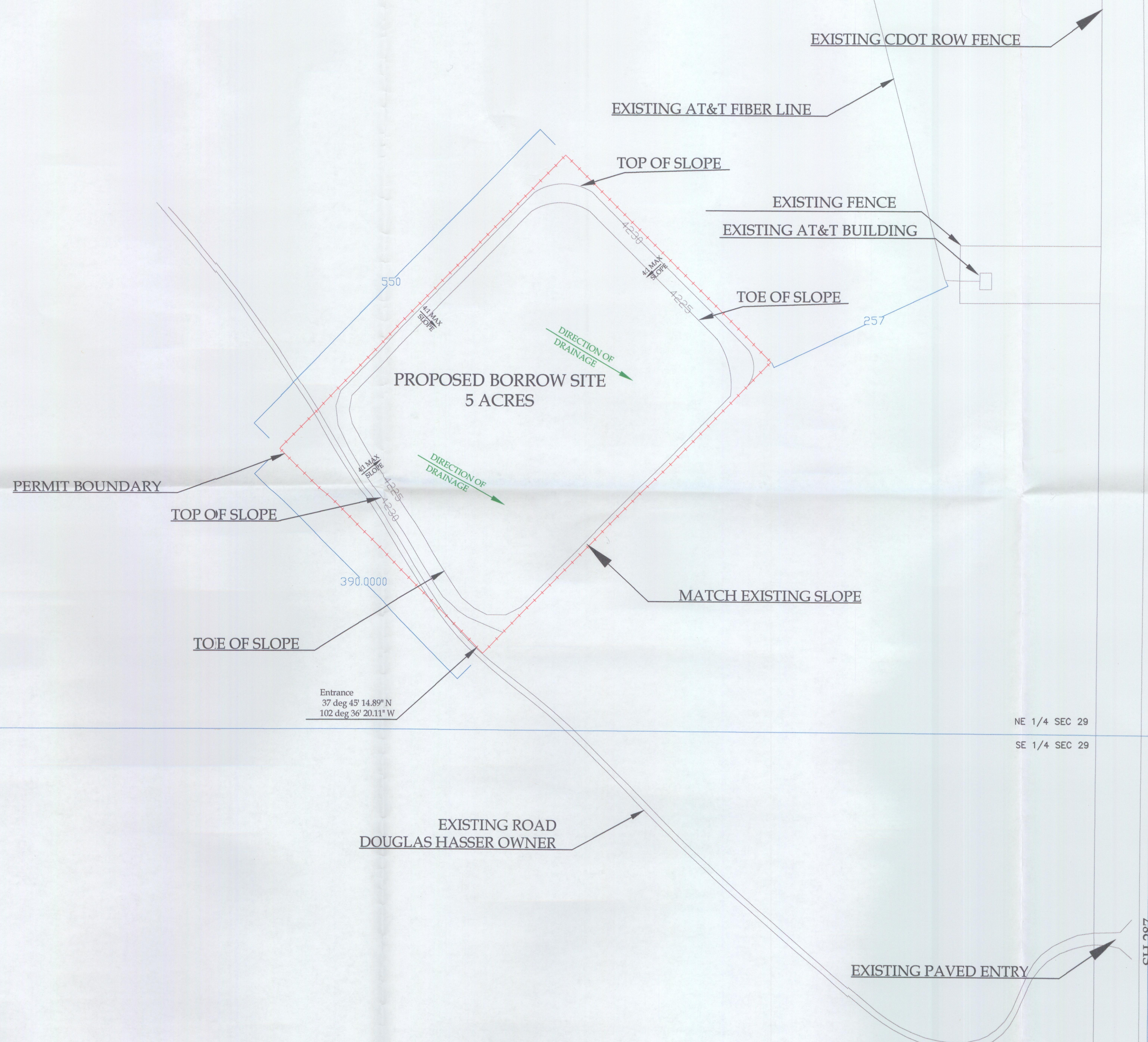
DIVISION OF RECLAMATION
MINING AND SAFETY

4/20/2019
LGM

Plt Bell

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

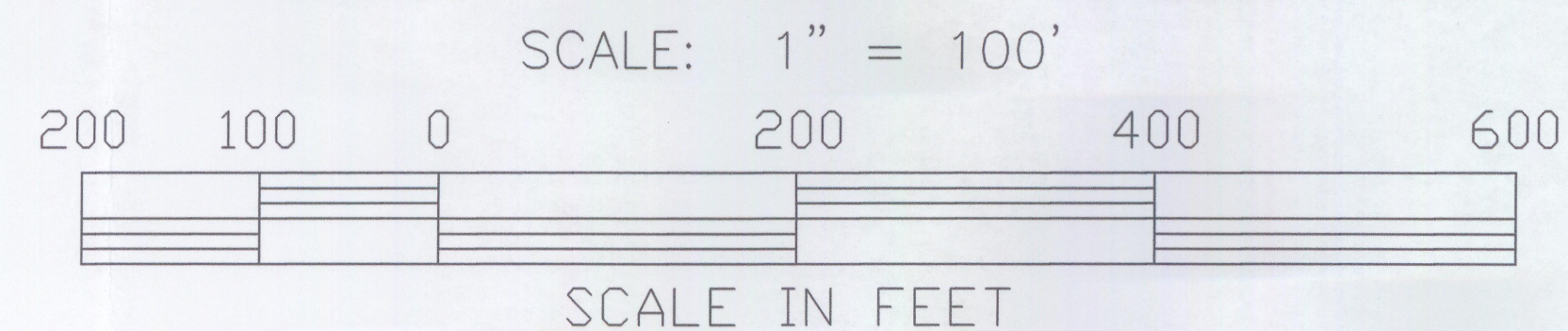
- +++++ Permit Boundary
- Existing Contours
- Final Toe/Top of Slope
- Section Lines



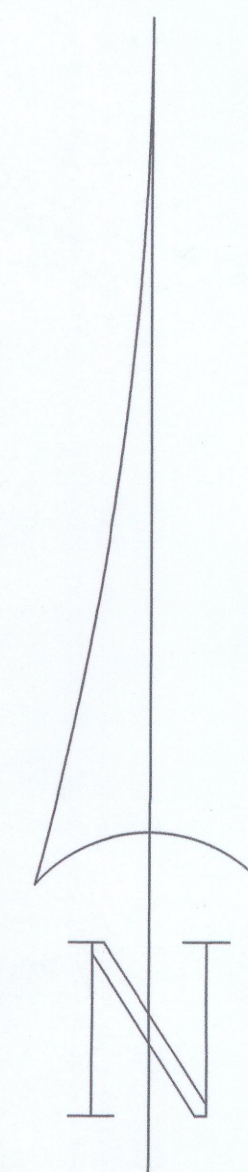
NE 1/4 SEC 29
SE 1/4 SEC 29

NE 1/4 SEC 29
SE 1/4 SEC 29

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

plg self

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