




**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> Rancho Rosado	<b>MINE/PROSPECTING ID#:</b> M-1985-085	<b>MINERAL:</b> Sand and gravel	<b>COUNTY:</b> Saguache
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy C. Yeldell	<b>INSP. DATE:</b> October 5, 2016	<b>INSP. TIME:</b> 13:20
<b>OPERATOR:</b> Gary C Boyce	<b>OPERATOR REPRESENTATIVE:</b> Benito Rascon	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$15,001.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> None	
<b>WEATHER:</b> Windy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> October 17, 2016	

**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>NA</u>	(SF) PROCESSING FACILITIES----- <u>NA</u>	(TS) TOPSOIL----- <u>Y</u>
(MP) GENL MINE PLAN COMPLIANCE- <u>Y</u>	(FW) FISH & WILDLIFE----- <u>Y</u>	(RV) REVEGETATION---- <u>Y</u>
(SM) SIGNS AND MARKERS----- <u>Y</u>	(SP) STORM WATER MGT PLAN---- <u>N</u>	(CI) COMPLETE INSP---- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>N</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <u>NA</u>	(ST) STIPULATIONS----- <u>Y</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 inspection was conducted as part of the Colorado Division of Reclamation, Mining and Safety normal monitoring program. The Rancho Rosado is a 112c sand and gravel operation that consists of 20.6 acres. Benito Rascon represented the operator and accompanied Amy Yeldell of the Division on the inspection. Ken Skoglund also stopped by to briefly describe previous mining operations since he has operated the pit. The site is located in Saguache County approximately three mile northwest of Crestone, Colorado and is accessed from Road 66T.

The mine identification sign and affected area boundary markers are in place and in compliance with Rule 3.1.12. The permit boundary is fenced on the south and east side. The old road delineates northwest side. The site is accessed from the west where a locked gate is located. The mine sign was posted at the boundary entrance.

The site was inactive at the time of the inspection. Mr. Rascon indicated that material to maintain the ranch roads is pulled out several times a year on an as needed basis. This site is approved for intermittent operations. Mr. Skoglund indicated that the last major excavations and crushing operations occurred approximately 5 years ago. There are several stockpiles of various material types, approximately 3,000 cy total. The majority of this material is stored in the bottom of the pit but there is approximately 1,000 cy stored near the mine entrance for easy access. No equipment, fuel or buildings were located on site.

The pit has been excavated approximately 15' deep. All slopes are properly graded to 3:1 slope or less. The pit floor is approximately 1-2 ac. No groundwater has been exposed nor is there evidence that mining is encroaching on the water table.

Topsoil is stored in berms on the south side of the pit. A few larger piles are located on the northeast side. All topsoil can be reapplied by dozing downhill. Total disturbances site wide requiring reclamation work is less than 5 ac.

The site is extremely stable, no signs of erosion was observed. Due to limited activity site wide volunteer vegetation, specifically blue grama, was observed. A small amount of Russian thistle was observed southeast of the large topsoil pile located east of the pit. The Division strongly recommends that this noxious weed is treated before it spreads throughout the site and becomes a problem.

Gary Boyce is still listed as the contact for this site. Given that Gary has passed away the contact information needs to be updated. You may designate different people for the various contact types (permitting, inspection, and permittee/operator)

The Division currently holds a financial warranty amount of \$15,001 for this site. The bond was last calculated in 2013 with the approved surety reduction SR-1. In an effort to ensure the Financial Warranty adequately, reflects the actual current cost of fulfilling the requirements of the approved reclamation plan the Division has updated the reclamation cost estimate. The Division has found the current bond to be adequate.

No problems or violations were noted during this inspection.

Responses to this inspection report should be directed to: Amy Yeldell at the Division of Reclamation, Mining and Safety, 1313 Sherman St., Room 215, Denver, CO 80203. Direct contact can be made by phone at 970-254-8511 or via email at amy.yeldell@ state.co.us

### **PHOTOGRAPHS**







Stockpiles of processed material

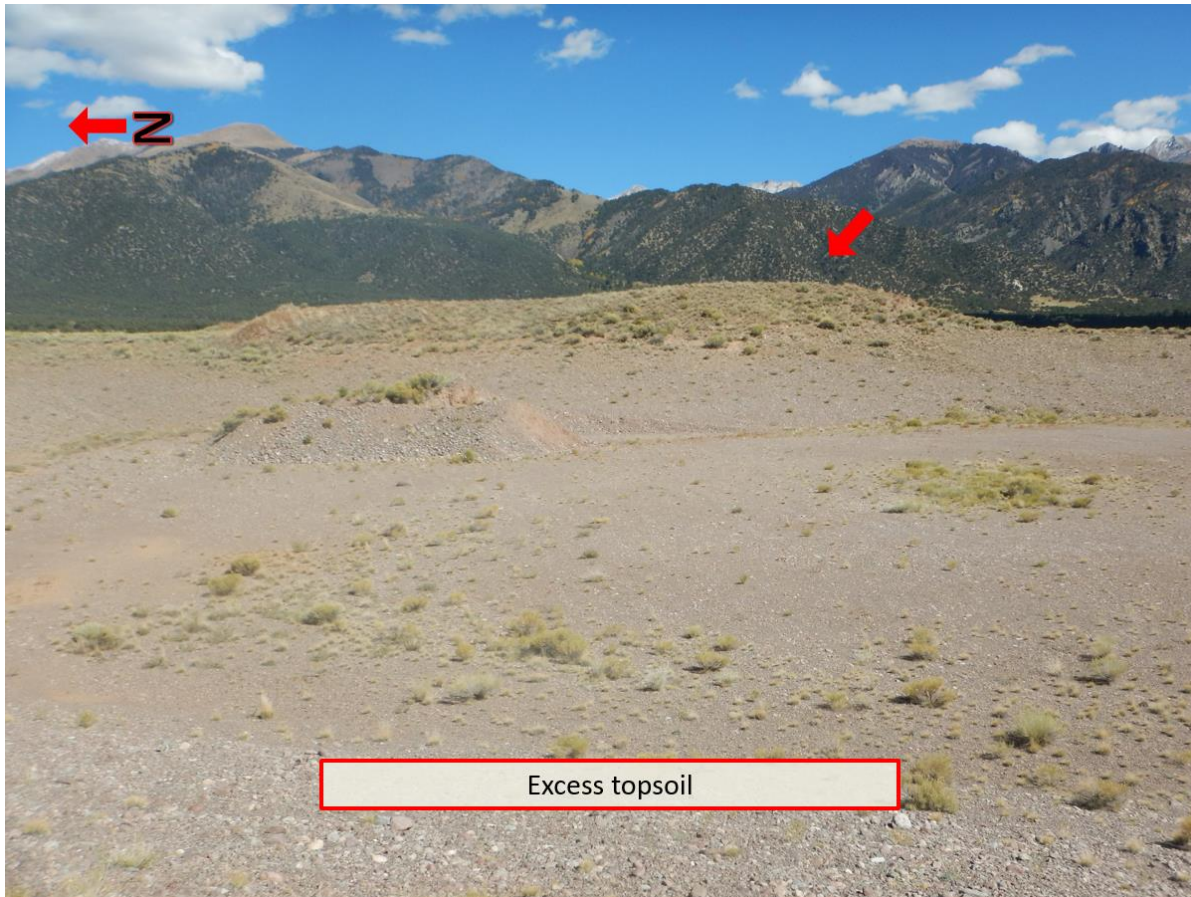


Overview of pit access













**Inspection Contact Address**

Joanne Boyce  
Gary C Boyce  
17425 CR 66T  
Moffat, CO 81143

Enclosure

EC: Russ Means, Senior EPS, GJFO DRMS