




**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> El Rancho Bondo	<b>MINE/PROSPECTING ID#:</b> M-2018-028	<b>MINERAL:</b> Gold	<b>COUNTY:</b> Fremont
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Timothy A. Cazier	<b>INSP. DATE:</b> October 17, 2018	<b>INSP. TIME:</b> 12:00
<b>OPERATOR:</b> Thomas Zimmerman	<b>OPERATOR REPRESENTATIVE:</b> Thomas Zimmerman & Joe Lovett	<b>TYPE OF OPERATION:</b> 110(1) - Hard Rock Limited Impact	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> Complete Bond	<b>BOND AMOUNT:</b> \$2,166.00	
<b>DATE OF COMPLAINT:</b> NA	<b>POST INSP. CONTACTS:</b> None	<b>JOINT INSP. AGENCY:</b> U.S.BLM	
<b>WEATHER:</b> Cloudy	<b>INSPECTOR'S SIGNATURE:</b> 	<b>SIGNATURE DATE:</b> February 5, 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>NA</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>NA</u>
(PW) PROCESSING WASTE/TAILING---- <u>Y</u>	(SF) PROCESSING FACILITIES----- <u>Y</u>	(TS) TOPSOIL----- <u>NA</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>NA</u>	(RS) RECL PLAN/COMP-- <u>Y</u>
(ES) OVERBURDEN/DEV. WASTE----- <u>Y</u>	(SC) EROSION/SEDIMENTATION--- <u>Y</u>	(ST) STIPULATIONS----- <u>Y</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</u>	(OD) OFF-SITE DAMAGE----- <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 by Tim Cazier (DRMS) as part of the regular monitoring program. Messrs. Thomas Zimmerman and Joe Lovett were present for the inspection. Ms. Amber Sanderson was present representing the BLM. The El Rancho Bondo site is accessed from Co Rd 3 at the intersection with Hwy 50, approximately 10 miles west of Cañon City. This is a 110(1) gold mine. It was not operating at the time of the inspection.

**Mine Plan Summary:** This is a hand operated site which include hand sluices, panning and between April 1<sup>st</sup> and September 30<sup>th</sup>, highbanking with water pumped from the Arkansas River [ref. 2015 BLM EA, PoO].

**Reclamation Plan Summary:** Reclamation is to be accomplished using hand tools to fill holes, spread salvaged topsoil and seed using the approved native seed mix.

**Availability of Records:** Annual fees are not due till April 2019. This was the first inspection of this site conducted by the DRMS. The approved post-mine land use is recreation. There are no open infractions. Both the surface and minerals are managed by the Bureau of Land Management (BLM).

**Acid And Toxic Materials:** No acid or toxic materials are involved in this operation.

**Backfilling and Grading:** Sufficient backfill material appeared to be available.

**Excess Spoil and Dev. Waste:** No overburden piles were observed.

**Financial Warranty:** The \$2,166 bond held between the BLM and the DRMS is adequate for the observed mine disturbance.

**Fish and Wildlife:** No impact to wildlife was observed.

**Hydrologic Balance:** No standing water was observed in the bank excavation (see **Photo 1**) and no exposed groundwater was observed.

**Gen. Compliance with Mine Plan:** The operation appeared to be in compliance with the approved mine plan. A handheld GPS unit (Trimble Juno 3B) was used to record the boundary marker locations and the to determine the disturbed area, which was measured to be approximately 0.1 acres (see enclosed **Post 2018 Inspection Map**). Highwalls were estimated to vary between 4 and 6 feet in height and did not show signs of raveling. (see **Photos 1** and **2**). Towards the downstream end of the permit area, the BLM had asked Mr. Zimmerman to stabilize the river bank (see **Photo 3**). The effort appeared to be adequate.

**Off-site Damage:** The operation appeared to be confined to the permit boundary, based on site observations.

**Roads:** The access road is an existing two-track. Mr. Zimmerman does use an ATV to access the permit area. However, given the ATV is only driven from the parking area, this road did not appear to be a source of sediment that could be tracked offsite.

**Reclamation Success:** No reclamation has been initiated.

**Revegetation:** No noxious weeds were observed.

Sediment Control: No erosion problems were observed and no BMPs were needed at the time of the inspection.

Support Facilities On-site: The Permittees keep their equipment onsite in a locked tool box.

Signs and Markers: A permit sign was posted at the claim entrance (see **Photo 4**) and T-post boundary markers were observed to delineate the permit boundary (**Photos 5 and 6**).

Permit Stipulations: There are no permit stipulations.

Storm Water MGT Plan: No oil or fuel spills observed. Representatives stated they were in discussion with CDPHE's Water Quality Control Division (WQCD) as to whether a stormwater permit is required. [Mr. Zimmerman should inform the DRMS when a decision is finalized with WQCD.](#)

Structures: The railroad across the Arkansas River is well within 200 feet of this operation. However, no proposed activity poses any potential for damage to the railroad. The DRMS has determined a structures agreement is not required at this time.

Please contact Tim Cazier (303)866-3567 ext. 8169 or email at [tim.cazier@state.co.us](mailto:tim.cazier@state.co.us) if you have any questions regarding this report.

### **PHOTOGRAPHS**



Photo 1. Active higwall, looking south.



**PHOTOGRAPHS (cont.)**



Photo 2. Active higwall, looking north.



Photo 3. Riverbank scour control installed (boulders, just south of active working area).



PHOTOGRAPHS (cont.)

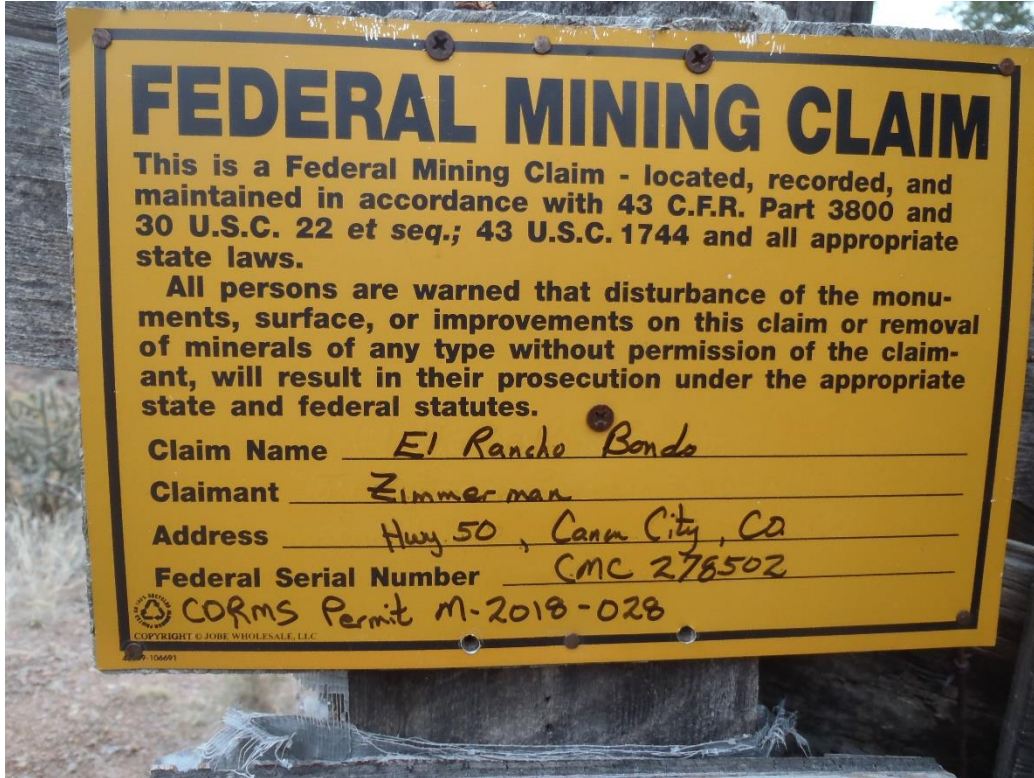


Photo 4. DRMS permit number added to Mining Claim sign (at two-track road entrance).



Photo 5. T-post marking permit boundary (north corner).



**PHOTOGRAPHS (cont.)**



Photo 6. Marked permit boundary.

**Inspection Contact Address**

Thomas Zimmerman  
507 Greenwood Ave  
Cañon City, CO 81212

Enclosure




ec: DRMS file  
Stephanie Carter, BLM  
Amber Sanderson, BLM  
Joe Lovett



# M-2018-028 Post 2018 Inspection Map

Satellite imagery from 6/15/2016  
GPS data collected 10/17/2018

## Legend

-  Disturbed Area [0.1 Acres]
-  El Rancho Bondo Sign
-  T-Post

El Rancho Bondo

Google Earth

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400 ft