



COLORADO

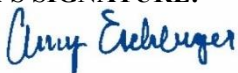
Division of Reclamation,  
Mining and Safety

Department of Natural Resources

## 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> Weeden Pit No. 30	<b>MINE/PROSPECTING ID#:</b> M-1993-087	<b>MINERAL:</b> Gravel	<b>COUNTY:</b> Prowers
<b>INSPECTION TYPE:</b> Monitoring	<b>INSPECTOR(S):</b> Amy Eschberger	<b>INSP. DATE:</b> March 26, 2019	<b>INSP. TIME:</b> 13:50
<b>OPERATOR:</b> Baca County	<b>OPERATOR REPRESENTATIVE:</b> None	<b>TYPE OF OPERATION:</b> 112c - Construction Regular Operation	
<b>REASON FOR INSPECTION:</b> Normal I&E Program	<b>BOND CALCULATION TYPE:</b> None	<b>BOND AMOUNT:</b> \$0.00	
<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> 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>NA</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>N</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>N</u>
(AT) ACID OR TOXIC MATERIALS----- <u>NA</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 normal monitoring inspection of the Weeden Pit No. 30 (Permit No. M-1993-087) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator was notified of the inspection but was unable to attend. The site is located approximately 9 miles north of Two Buttes, Colorado in Prowers County. Access to the site is from the west off Co Rd 21. **Photos 1-6** taken during the inspection are included with this report.

This is a 112c operation permitted for 160 acres to mine gravel for use in county road construction and maintenance (see enclosed Google Earth image of site). The permit area is square in shape, covering portions of all four quarters in Section 21. The operation began mining in the southwestern portion of the site, and will continue generally in a counter-clockwise direction. Technical Revision No. 1, approved in 2008, increased the maximum allowed disturbance at any time from 10 acres to 20 acres. The maximum mining depth is approximately 40 feet. A screening plant may operate on site to separate out larger rocks. Salvaged topsoil and overburden will be stored along the outside perimeter of the active pit to keep from redisturbing it during operations. Disturbed land will be reclaimed behind the operation as it moves into a different portion of the permit area.

The approved post-mining land use for the site is rangeland. For reclamation, all pit slopes will be graded to 3H:1V or flatter, disturbed land will be retopsoiled at a depth of approximately 6 inches, and the land will be revegetated with a native grass seed mixture. The existing ranch road used to access the pit will remain for reclamation. However, any haul roads within the pit area will be reclaimed.

The site was not active at the time of the inspection, and no equipment was stored on site. A permit sign was posted at the main site entrance. Mine disturbance is limited to the southwestern portion of the permit area, and is estimated to cover approximately 14 acres. The northern, eastern, and southern permit boundaries were delineated by barbed wire fencing. The Division was not able to locate markers for the western boundary. Therefore, the operator should be sure this boundary is marked by monuments or other markers that are clearly visible and adequate to delineate such boundaries pursuant to Rule 3.1.12(2).

The active pit includes a west-facing highwall approximately 500 feet in length, 20-30 feet in height, with slope gradients of 3H:1V. It appears the pit is being advanced to the east at this time. A large gravel stockpile and a much smaller rock stockpile are stored on the pit floor. Several topsoil and overburden stockpiles are stored along the southern, eastern, and northern edges of the active pit. These stockpiles were stable with good vegetative cover.

The operator appears to be following the approved mining and reclamation plans. No problems were observed.

This concludes the report.



## **PHOTOGRAPHS**



**Photo 1.** View looking northeast from haul road toward active pit. Note small rock stockpile (top left) and larger gravel stockpile (top right) stored on pit floor.



**Photo 2.** View looking north from haul road showing closer view of large gravel stockpile stored on pit floor.





**Photo 3.** View looking south from haul road showing large topsoil stockpile stored south of active pit (top of photo). Note stockpile stable with good vegetative cover.



**Photo 4.** View looking east at southern portion of highwall along eastern edge of active pit, approximately 20-30 feet in height with 3H:1V slopes.





**Photo 5.** View looking east at northern portion of highwall along eastern edge of active pit, approximately 20-30 feet in height with 3H:1V slopes.



**Photo 6.** View looking northeast at large topsoil stockpile stored north of active pit. Note stockpile stable with good vegetative cover.

**Inspection Contact Address**

Glen Ausmus  
Baca County  
741 Main Street, Suite 1  
Springfield, CO 81073

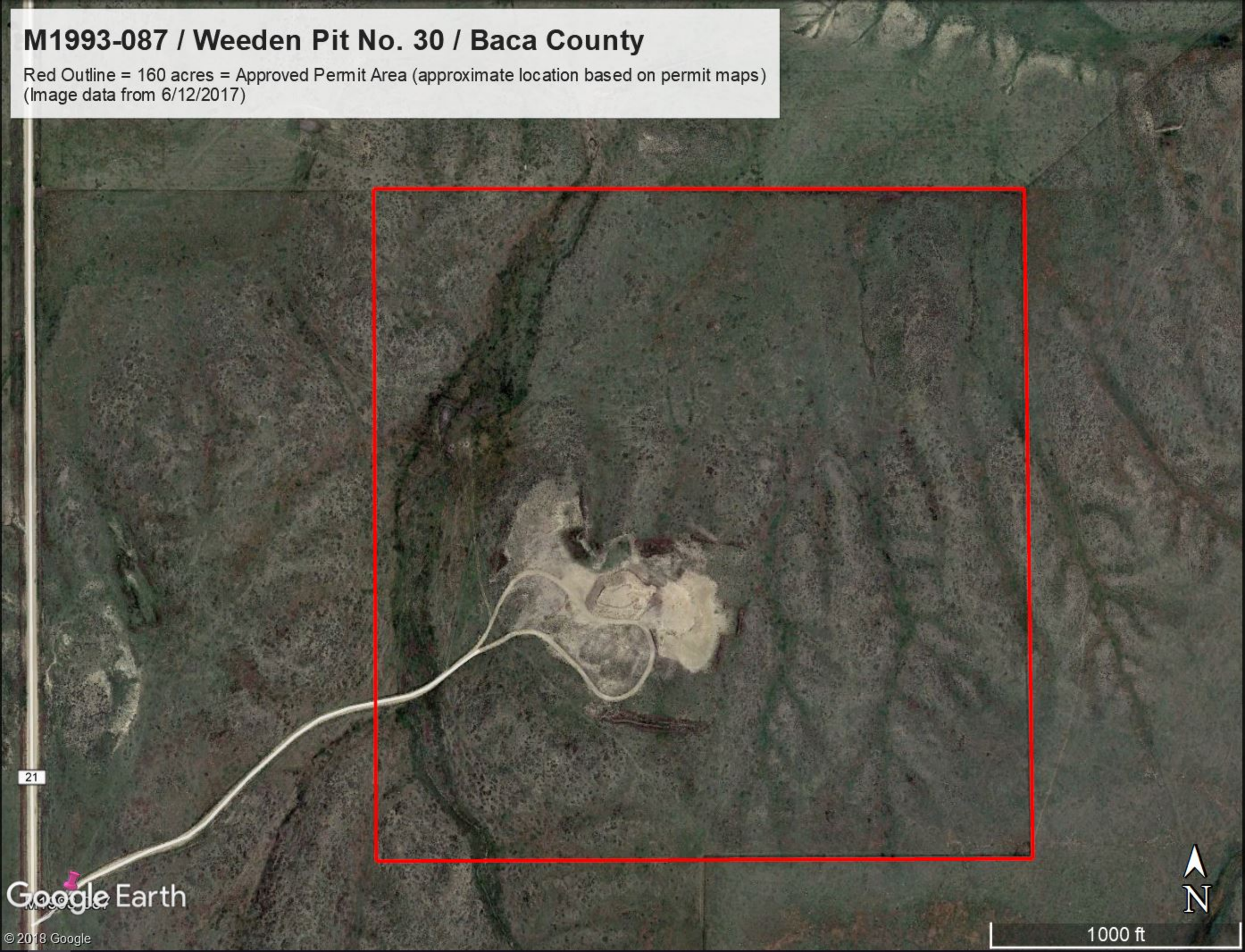
Encl: Google Earth image of site

CC: Michael Cunningham, DRMS



# M1993-087 / Weeden Pit No. 30 / Baca County

Red Outline = 160 acres = Approved Permit Area (approximate location based on permit maps)  
(Image data from 6/12/2017)



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