




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: Orlando Pit	MINE/PROSPECTING ID#: M-2001-106	MINERAL: Sand and gravel	COUNTY: Huerfano
INSPECTION TYPE: Monitoring	INSPECTOR(S): Patrick Lennberg	INSP. DATE: December 12, 2019	INSP. TIME: 10:00
OPERATOR: Huerfano County	OPERATOR REPRESENTATIVE: Bill Brunelli	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program		BOND CALCULATION TYPE: None	BOND AMOUNT: \$0.00
DATE OF COMPLAINT: NA		POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None
WEATHER: Windy	INSPECTOR'S SIGNATURE: 		SIGNATURE DATE: December 16, 2019

The following inspection topics were identified as having Problems or Possible Violations. OPERATORS SHOULD READ THE FOLLOWING PAGES CAREFULLY IN ORDER TO ASSURE COMPLIANCE WITH THE TERMS OF THE PERMIT AND APPLICABLE RULES AND REGULATIONS. If a Possible Violation is indicated, you will be notified under separate cover as to when the Mined Land Reclamation Board will consider possible enforcement action.

INSPECTION TOPIC: Markers

PROBLEM: The affected area boundary markers are incorrectly placed. This is a problem for failure to maintain boundary markers around the affected area as required by Section 3.1.12(2) of the rule.

CORRECTIVE ACTIONS: The operator shall conduct a survey and replace the boundary markers in the correct location(s). The operator shall provide proof to the Division that this has been done by the corrective action date.

CORRECTIVE ACTION DUE DATE: 2/14/20

OBSERVATIONS

The Orlando Pit was inspected by Patrick Lennberg with the Division of Reclamation, Mining and Safety (Division/DRMS). The inspection was completed as part of the Division's routine monitoring inspection program. The site was previously inspected by the Division on January 15, 2016 during a routine monitoring inspection. Bill Brunelli with Huerfano County accompanied me during the inspection. The weather was windy, and the sky was clear.

The Orlando Pit is located approximately 1 mile southeast of Gardner, Colorado just south of Colorado State Highway 65 on County Road 543. The Orlando Pit is a 36.46 acre pit for the removal of sand and gravel for county road maintenance and repair. The site is surrounded by rangeland and the post-mining land use is rangeland. A mine sign was observed as required by Rule 3.1.12.

The pit was originally a 110c permit that was converted to a 112c in 2012 and was active at the time of inspection. Mining has been moving from east to west towards the access road. Currently there is a highwall that runs parallel and just east of the access road. The highwall has an average height of approximately 15 feet and is approximately 250 ft long, running roughly north-south. The highwall has an approximate slope of .5H:1V to just flatter than 1H:1V. All mined areas daylight the terrace to the east. The site has been graded between the crest of the terrace to the active highwall along the southern affected land boundary. The Operator has graded portions of the affected land to 3H:1V or flatter. There is a topsoil stockpile located on top of the highwall just east of the access road. The topsoil stockpile has some vegetative cover and appears stable. The current level of disturbance is estimated to be between 9-10 acres where the permit allows for 15 acres of affected land.

After marking all the permit boundary markers with a GPS and performing a permit review it appears that the boundary markers are misplaced. The misplaced boundary markers are being cited as a problem within this report. Attached to this report is a map of the boundary markers located by the Division during the inspection and another map, the Mining Plan Map, provided for reference.

The Division currently holds no financial warranty because it is a county operation.

Photographs taken during the inspection are attached.

Please contact Patrick Lennberg (303)866-3567 ext. 8114 or email at patrick.lennberg@state.co.us if you have any questions regarding this report.

Inspection Contact Address

Melanie Banks

Huerfano County

P.O. Box 48

Walsenburg, CO 81089

Enclosures: GoogleEarth Image with GPS Located Boundary Markers
Exhibit C.2 Mining Plan Map, 2012

cc: Jared Ebert, DRMS

PHOTOGRAPHS



Photo 1: Mine sign off County Road 543



Photo 2: Looking across the permit area from the northwest corner towards the east



Photo 3: Looking across the permit area from the southwest corner towards the north



Photo 4: Looking into the previous mined portions of the pit with reclaimed 3H:1V slopes



Photo 5: Looking southeast across the pit floor where revegetation is taking place



Photo 6: Looking at the active portions of the pit with the highwall along the road center left of picture

GENERAL INSPECTION TOPICS

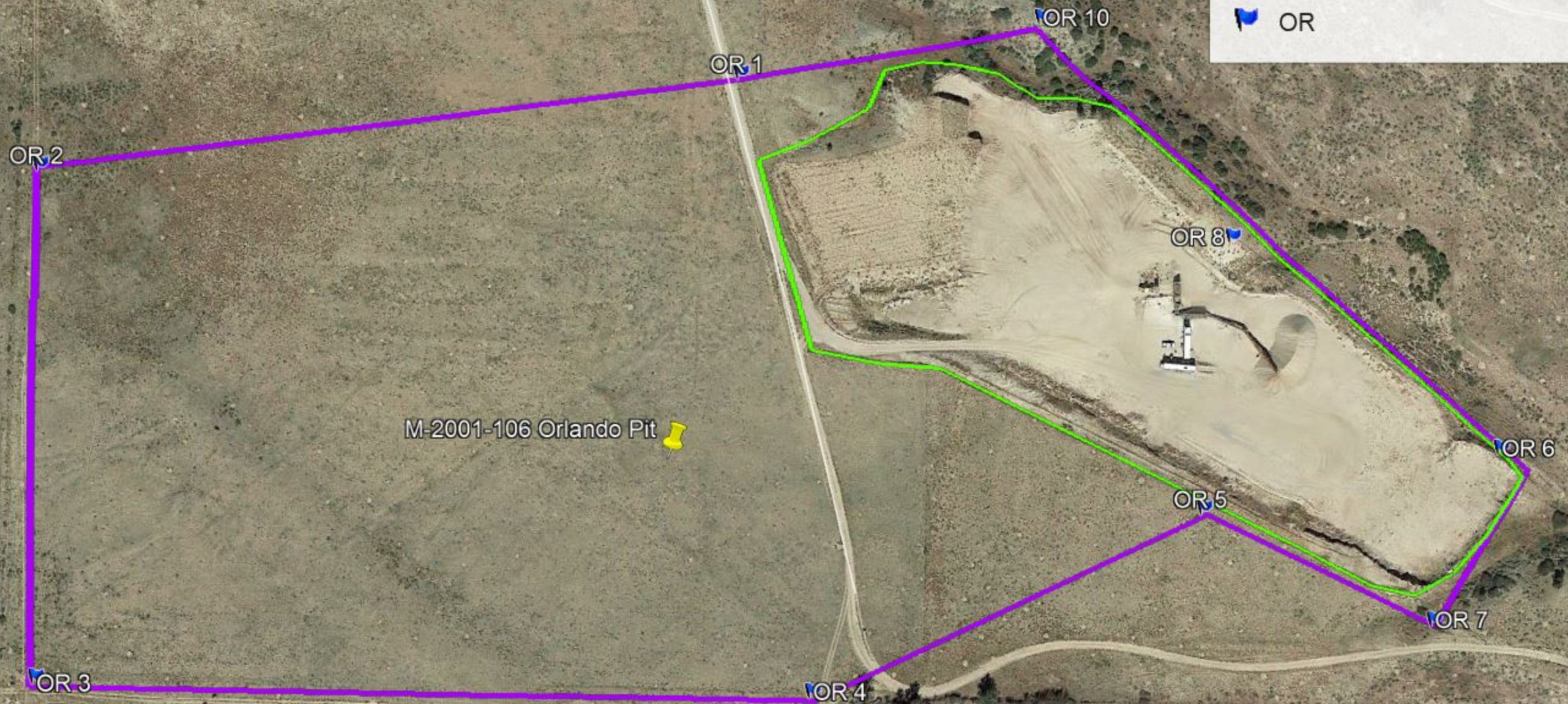
The following list identifies the environmental and permit parameters inspected and gives a categorical evaluation of each

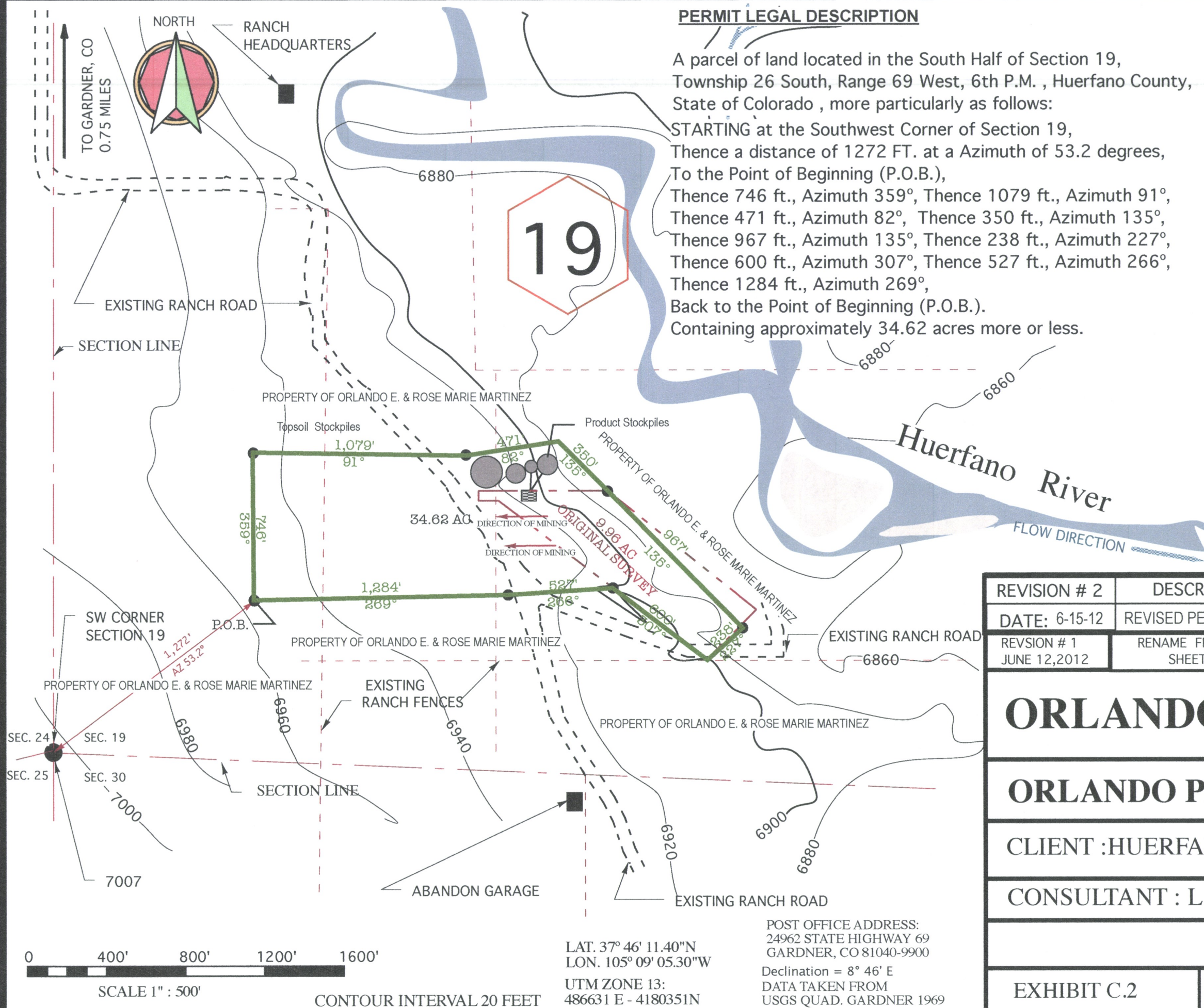
(AR) RECORDS----- <u>Y</u>	(FN) FINANCIAL WARRANTY----- <u>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>N</u>	(BG) BACKFILL & GRADING----- <u>Y</u>	(EX) EXPLOSIVES----- <u>N</u>
(PW) PROCESSING WASTE/TAILING---- <u>N</u>	(SF) PROCESSING FACILITIES----- <u>N</u>	(TS) TOPSOIL----- <u>Y</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>PB</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>Y</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

Legend

- 2019 Inspection 35.4 acres
- Disturbance Area 9.7 acres
- M-2001-106 Orlando Pit
- OR





PERMIT LEGAL DESCRIPTION

A parcel of land located in the South Half of Section 19, Township 26 South, Range 69 West, 6th P.M. , Huerfano County, State of Colorado , more particularly as follows:
STARTING at the Southwest Corner of Section 19,
Thence a distance of 1272 FT. at a Azimuth of 53.2 degrees,
To the Point of Beginning (P.O.B.),
Thence 746 ft., Azimuth 359°, Thence 1079 ft., Azimuth 91°,
Thence 471 ft., Azimuth 82°, Thence 350 ft., Azimuth 135°,
Thence 967 ft., Azimuth 135°, Thence 238 ft., Azimuth 227°,
Thence 600 ft., Azimuth 307°, Thence 527 ft., Azimuth 266°,
Thence 1284 ft., Azimuth 269°,
Back to the Point of Beginning (P.O.B.).
Containing approximately 34.62 acres more or less.

NOTES:
MINING TO START SPRING OF 2012 - 2027. LIFE OF THE MINE ESTIMATED AT 10 TO 15 YEARS. OVERBURDEN WILL BE USED FOR PRODUCT THEREFORE NO STORAGE LOCATION NEEDED. TOPSOIL WILL BE SAVED AND SEEDED TO PREVENT EROSION. THIS WILL BE A DRY PIT NO WATER WILL BE USED FOR PROCESSING. NO GROUND WATER WILL BE INTERCEPTED OR DISTURBED. CRUSHING & DRY SCREENING WILL BE DONE ON SITE , ROAD BASE , SAND & GRAVEL PLUS STRUCTURAL-FILL WILL BE PRODUCED ON THIS SITE.

- MAP LEGEND**
- 19 SECTION
 - 112 PERMIT
 - 110 ORIGINAL PERMIT
 - RANCH ROAD
 - 6900 CONTOUR
 - RANCH FENCE
 - DIRECTION OF MINING

REVISION # 2	DESCRIPTION	REVISION # __	DESCRIPTION
DATE: 6-15-12	REVISED PERMIT LEGAL	DATE:	
REVISION # 1 JUNE 12,2012	RENAME FROM C TO SHEET C.2	REVISION # 2	
ORLANDO PIT M-2001-106			
ORLANDO PIT CONVERSION TO 112c			
CLIENT :HUERFANO COUNTY GOVERNMENT			
CONSULTANT : L J DEVELOPMENT, INC.			
		PREPARED BY: JOE GAGLIANO <i>Joe Gagliano</i>	
EXHIBIT C.2	MINING PLAN MAP		DATE: 1-4-2012