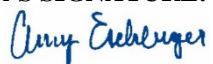




MINERALS PROGRAM INSPECTION REPORT

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: Belveal Gravel Pit	MINE/PROSPECTING ID#: M-2001-056	MINERAL: Gravel	COUNTY: Elbert
INSPECTION TYPE: Monitoring	WEATHER: Clear	INSP. DATE: November 2, 2022	INSP. TIME: 10:30
OPERATOR: Elbert County	OPERATOR REPRESENTATIVE: Jason Kohring	TYPE OF OPERATION: 112c - Construction Regular Operation	
REASON FOR INSPECTION: Normal I&E Program	BOND CALCULATION TYPE: NA	BOND AMOUNT: \$0.00	
DATE OF COMPLAINT: NA	POST INSP. CONTACTS: None	JOINT INSP. AGENCY: None	
INSPECTOR(S): Amy Eschberger	INSPECTOR'S SIGNATURE: 	SIGNATURE DATE: November 14, 2022	

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>N</u>	(RD) ROADS----- <u>Y</u>
(HB) HYDROLOGIC BALANCE----- <u>Y</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>N</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>N</u>	(OD) OFF-SITE DAMAGE----- <u>N</u>	

Y = Inspected / 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 Belveal Gravel Pit (Permit No. M-2001-056) conducted by Amy Eschberger of the Division of Reclamation, Mining and Safety (Division). The operator was represented by Jason Kohring during the inspection. The site is located approximately 23 miles southeast of Simla, CO in Elbert County. The main access to the site is from the south off of Co Rd 22. The affected lands are owned by Robert L. Belveal. **Photos 1-8** taken during the inspection are included with this report.

This is a 112c operation permitted for 167.5 acres (see enclosed Google Earth image of site) to mine sand, gravel, and fill material for county road and bridge projects. The Division approved a Conversion application (CN-1) on August 28, 2018 to convert the 110c permit to a 112c permit. Mining disturbance that occurred under the 110c permit is located at the far eastern edge of the current permit area. The mine access road constructed off of Co Rd 22 is included in the permit area.

According to the mining plan approved in CN-1 (see enclosed mining plan map), the site will be mined through a series of 9 mining phases, starting with mine phase A (adjacent to the existing disturbance) and proceeding in sequence to mine phase I. Mining of each phase will generally occur from east to west. Salvaged overburden and topsoil will be stored separately for use in reclamation. Mined slopes will be maintained at a 3H:1V gradient. The maximum mining depth is approximately 32 feet (including an average 2 feet of overburden). No groundwater will be exposed by the operation. Mined material may be crushed and screened on site using portable equipment. The operation may install jersey barriers to control runoff sediment. This is an intermittent operation that is active for less than 180 days per year.

The approved post-mining land use for the site is rangeland. The approved reclamation plan (see enclosed reclamation plan map) includes grading all disturbed slopes to 3H:1V or flatter, replacing any remaining overburden and approximately 6-8 inches of topsoil, then seeding the site with a rangeland grass/forb mixture consisting of prairie sandreed, switchgrass, sideoats grama, two varieties of western wheatgrass, and purple prairie clover. The pit floor will be sloped at a 1.5% grade toward the east so that runoff can flow gradually toward the existing ephemeral drainage along the eastern edge of the permit area. The operation is approved to import inert materials (likely waste soil or similar earthen materials) to the site for use in reclamation. The access road will remain for continued use by the landowner.

A permit sign is posted at the site entrance off of Co Rd 22. The corners of the permit boundary approved in CN-1 are marked with metal posts. The mine was not active during the inspection. However, according to the operator, this site is active every year in accordance with its intermittent status. A shallow pit is present at the eastern edge of mine phase A, which slopes toward the north/northeast. The pit walls were graded to 3H:1V or flatter. A large material stockpile is stored on the pit floor. Two large topsoil stockpiles are stored northwest of the pit area. These stockpiles appeared to be stable with some grass cover. The operator will continue mining the phase A pit to the west. Once mining in phase A is complete, portions that will not be redisturbed during operations will be reclaimed, and mining will begin to the north in phase B. The Division estimates current disturbance to cover approximately 13 acres (not including the access road). This is consistent with the operator's commitment to disturb no more than 18 acres at any time prior to performing reclamation.

Per Rule 4.1.2(2), no financial warranty is required for this permit as the operator is a unit of municipal or county government. The operation appears to be following the approved mining and reclamation plans. No issues were observed.

Any questions or comments regarding this inspection report should be forwarded to Amy Eschberger at the Colorado Division of Reclamation, Mining and Safety, 1313 Sherman Street, Room 215, Denver, CO 80203, via telephone at 303-866-3567, ext. 8129, or via email at amy.eschberger@state.co.us.

PHOTOGRAPHS



Photo 1. View looking northeast across pit disturbance in mine phase A, showing pit slopes at 3H:1V or flatter. Note large material stockpile stored on pit floor.



Photo 2. View looking east across southern pit wall graded to 3H:1V or flatter.



Photo 3. View looking south across pit disturbance in mine phase A, showing pit slopes at 3H:1V or flatter. Note large material stockpile stored on pit floor.



Photo 4. View looking north from northern edge of pit disturbance, showing metal posts (indicated) marking segment of eastern permit boundary.



Photo 5. View looking west at large topsoil stockpile stored west/northwest of current pit disturbance.



Photo 6. View looking west at large topsoil stockpile stored northwest of current pit disturbance.



Photo 7. View looking east at eastern pit wall graded to 3H:1V or flatter.

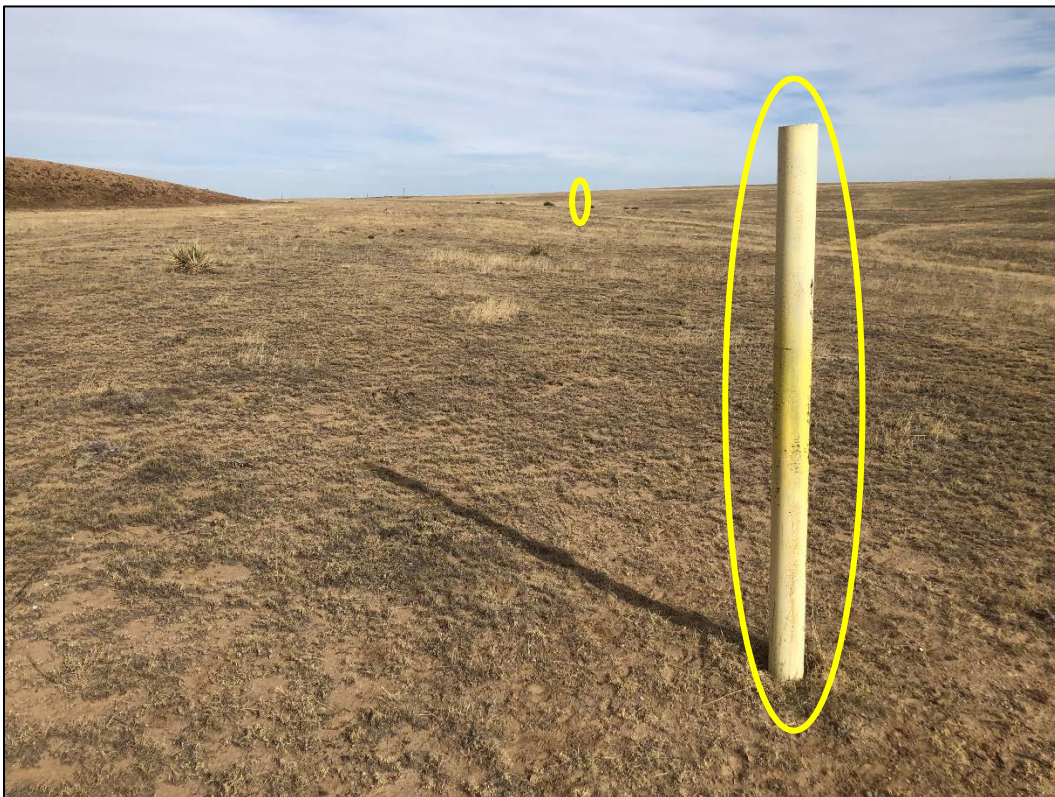


Photo 8. View looking west from northeastern corner of permit area, showing metal posts (circled) marking northern permit boundary. Note portion of topsoil stockpile shown (at left).

Inspection Contact Address

Jason Kohring
Elbert County
P.O. Box 116
Kiowa, CO 80117

Encl: Google Earth image of site
Mining Plan Map
Reclamation Plan Map

CC: Bailey Short, Elbert County
Michael Cunningham, DRMS

M-2001-056 / Belveal Gravel Pit / Elbert County (112c)

Red Outline = 167.5 acres = Approved Permit Area (location approximated based on CN-1 maps)

Purple Outline = 13 acres = Disturbed Area (not including access road)

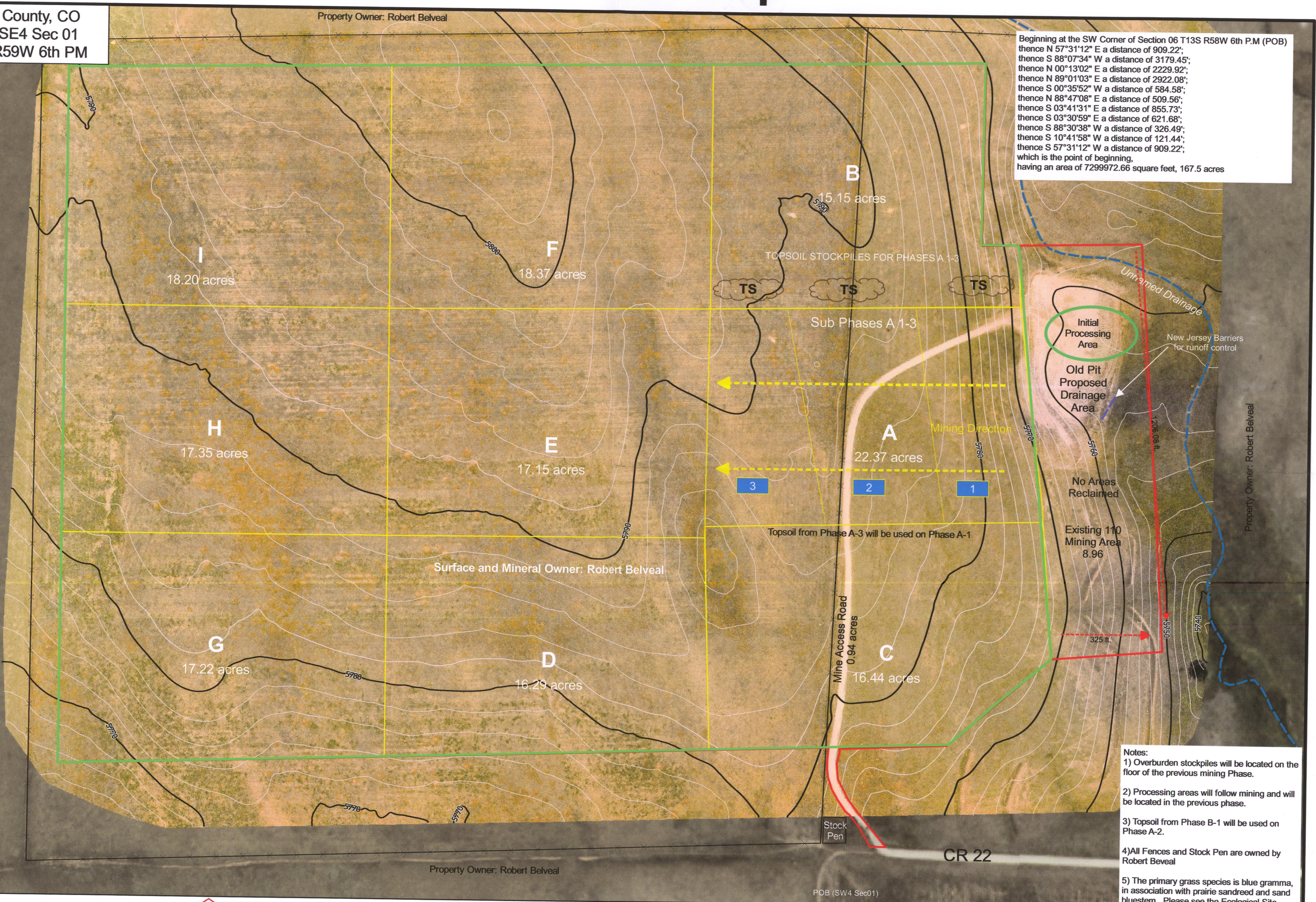
(Image data from 4/2020)

Mine Plan Map

Elbert County, CO
SW4 SE4 Sec 01
T13S R59W 6th PM

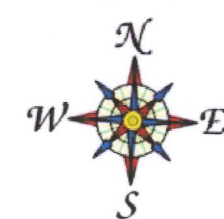
Property Owner: Robert Belveal

Beginning at the SW Corner of Section 06 T13S R58W 6th P.M (POB)
thence N 57°31'12" E a distance of 909.22';
thence S 88°07'34" W a distance of 3179.45';
thence N 00°13'02" E a distance of 2229.92';
thence N 89°01'03" E a distance of 2922.08';
thence S 00°35'52" W a distance of 584.58';
thence N 88°47'08" E a distance of 509.56';
thence S 03°41'31" E a distance of 855.73';
thence S 03°30'59" E a distance of 621.68';
thence S 88°30'38" W a distance of 326.49';
thence S 10°41'58" W a distance of 121.44';
thence S 57°31'12" W a distance of 909.22';
which is the point of beginning,
having an area of 7299972.66 square feet, 167.5 acres



Surface and Mineral Owner: Robert Belveal

- Notes:
- 1) Overburden stockpiles will be located on the floor of the previous mining Phase.
 - 2) Processing areas will follow mining and will be located in the previous phase.
 - 3) Topsoil from Phase B-1 will be used on Phase A-2.
 - 4) All Fences and Stock Pen are owned by Robert Belveal
 - 5) The primary grass species is blue gramma, in association with prairie sandreed and sand bluestem. Please see the Ecological Site



Pikes Peak Technologies
Cartographer: Robert L. Dunaway
Robert L. Dunaway
7 May, 2018

- Legend**
- Proposed Boundary Addition
 - Site Permit Boundary
 - Phases
 - Fence
 - 2 Ft Contours
 - 10 Ft Contours

300 0 300 600 900 1200 1500 ft

Scale: 1:2,600

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DIVISION OF RECLAMATION
MINING AND SAFETY

M-2001056
LG map

Mine Reclamation Map

Elbert County, CO
SW4 SE4 Sec 01
T13S R59W 6th PM

Property Owner: Robert Belveal

Beginning at the SW Corner of Section 06 T13S R58W 6th P.M (POB)
thence N 57°31'12" E a distance of 909.22';
thence S 88°07'34" W a distance of 3179.45';
thence N 00°13'02" E a distance of 2229.92';
thence N 89°01'03" E a distance of 2922.08';
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thence S 88°30'38" W a distance of 326.49';
thence S 10°41'58" W a distance of 121.44';
thence S 57°31'12" W a distance of 909.22';
which is the point of beginning,
having an area of 7299972.66 square feet, 167.5 acres

Bottom surface will have a 1.5% sloping downward from Northwest to Southeast to facilitate drainage.

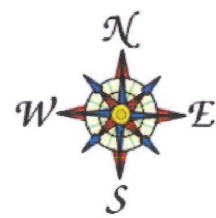
Modified Phase C


Mine Access Road

CR 22


Notes:

- 1) Overburden stockpiles will be located on the floor of the previous mining Phase.
- 2) Processing areas will follow mining and will be located in the previous phase.
- 3) Topsoil from Phase B-1 will be used on Phase A-2.
- 4) All Fences and Stock Pen are owned by Robert Beval
- 5) The primary grass species is blue gramma, in association with prairie sandreed and sand bluestem. Please see the Ecological Site




Cartographer: Robert L. Dunaway
Robert L. Dunaway
7 May, 2018

Legend

 Site Permit Boundary 2 Ft Contours
 Phases 10 Ft Contours

✕ — Fence

300 0 300 600 900 1200 1500 ft

Scale: 1:2,600

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MINING AND SAFETY