

EXHIBIT "D"

Mining Plan

6.4.4 Exhibit (D) Mining Plan

All areas to be mined are considered high and dry with no groundwater to be encountered during mining. The deposit is fairly deep, ranging from 12 feet deep to possibly 18 feet deep, along the upland deposit.

Excavation is to be an open pit with the use of standard mining equipment used for such operations, eg. scraper, dozer, wheel loaders, excavators and draglines. However, due to the life of this mine, other types of equipment not yet economical for gravel may be employed in the future.

Processing will take place on site in order to size by crushing and screening, and some reject material will be used for final reclamation.

High walls will be left in place until area is deemed mined out. High wall will range between 12 feet to 20 feet in height. Once area is mined out high walls will be sloped and reclaimed to 3H:1V. Seeding and final grading will be to a final reclamation use of rangeland, which the landowner has prescribed.

The following will address the items listed under Rule 6.4.4 - Exhibit D - in order of appearance: Please see Mining Plan Map for more information and correlations.

6.4.4

(a) Like similar open-pit sand and gravel operations, this pit will be stripped of the available topsoil (growth medium) by earthmoving scrapers and loaders. A topsoil stockpile will be located on the far south boundary. Also a topsoil stockpiles will be located on the west boundary, with future topsoil stockpiles to be place along west boundary, and left in place until needed for re-topsoiling. These topsoil stockpiles will be seeded to reduce soil erosion.

(b) All earthmoving will be done by mining equipment suitable for this type operation, including the following types: crawler dozer, wheel loaders, earthmoving scrapers, excavator, and haul trucks of various sizes up to and including haul units with a 20-ton capacity.

(c) The only water diversions would be for stormwater management to keep all stormwater from running into or off site, and for erosion control. No water impoundments are planned at this site.

(d) Mining will begin on northern boundary and proceed in a southerly direction. The area disturbed would not exceed 12.8 acres at any time, including haul roads and processing areas.

(e) Site may be used as temporary storage of other materials, from other projects the County is work on. E.g.- Concrete, steel, and other useable materials.

(f) An approximate timetable to describe the mining operation is shown on the Mining Plan Map - Exhibit "C". The life of this mine may extend beyond the 15 years as listed on the mining plan map, this depends upon demand for the product; this time line may be shorter or longer. This mine will be a year round operation with no planned extended cessation of operations at this mine site. The applicant is Huerfano County Government and a financial warranty is not required, therefore a bond on the 31 acres is not planned. It is proposed to use a floating bond on 23 acres on this operation as mining is completed in the mining units as proposed (see Mining Map Exhibit "C"). The mining plan has three (3) phases from 5.20 acres to 12.80 acres in surface area. It is planned that it will take approximately five (5) years per phase maximum for the larger area Phases less for the smaller size Phases please see MINING PLAN MAP Exhibit "C".

(i) The estimate of the periods of time, which is stated above of ten (5) years per phase, is a best estimate at this time. Then it will take between 3 to 5 years to establish the reclaimed area back to rangeland that may be considered for release by the Mined Land Reclamation Board of the Division of Reclamation, Mining and Safety. The reclamation will be an ongoing process as soon as the first unit is deemed mined-out, and the phasing of the mining and reclamation will follow a natural progression with final reclamation as the ultimate goal.

(ii) As stated in this report, the mining and affected land will range between 5.20 acres to 12.80 acres with a maximum of 12.8 acres being disturbed at any time. Reclamation would be occurring on the lands mined out concurrently with mining.

(iii) The sequence in which each stage or phase will be carried out is outlined in this report. Also, please see Mining Map Exhibit "C". Mining will start in Phase 1 in the east part of the permitted area and move to the south and then west, the process area will be set up in this segment, which is south of County Road 640. Next mining will start in Phase 2 starting west of Phase 1 moving to the west. Phase 3 will begin in the west of Phase 2 and move toward the west.

(g) The backsloping and final pit floor will be graded concurrent with the mining. It is planned to start reclaiming 5 to 10 acres areas as they are deemed mined-out. This allows the operator the allotted time to establish a planned reclamation plan and continue to mine.

As stated before, this site is on an upland terrace deposit with the following characteristics: