This is a film about the lead industry in St. Francois County, Missouri. Co-produced by the U.S. Bureau of Mines the film features segments on the geological and historical record, underground mining methods, the milling process, and development of the mining communities. The film has been reproduced on ½" videotape (VHS).

Lead Mining in Southeast Missouri presents an overview of the mining industry during the period of peak production in the Old Lead Belt. Most of the film concerns activity in St. Francois County although earlier operations at Mine La Motte in Madison County are noted in the historical section. Recreations of hand mining and Scotch hearth smelting are included, but modern, mechanized methods receive the most attention. There is an animated sequence showing the development of a mine, followed by underground footage showing pneumatic drilling, blasting, mechanized loading of ore, mine trains, machine shops, and safety theaters. The milling process is also examined with views of ore crushers at surface mills, lead concentrates, and waste rock piles. The film concludes with a brief segment featuring safety training conducted by the U.S. Bureau of Mines, and social development programs sponsored by the mining companies. Running time of the film is approximately thirty minutes.
Animated sequence showing development of mine
Pneumatic drilling, wet method
Blasting process
Mechanized loader
Mine locomotives
Sump pumps
Electric generating plant
Underground machine shops
Safety theaters and films
Blasting
Roof trimming
Loading machines
Drag scrapers
Chamber and pillar mining
Safety
Weighing of ore trains
Ore terminal
Modern Mining Methods:
Rotary drills
Ore sampling and assay
Skip Pockets and loading

3. Milling of Ore:
   Ore to crushers at mills
   Gyratory crushers
   Concentrates to lead

4. Community Development:
   Crushed limestone waste
   Safety training in cooperation with Bureau of Mines
   Social development programs
   Establishment of dairy herds

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Mines and mineral resources—Missouri—Saint Francois County.
Mining machinery.
Saint Francois County (Mo.).
St. Joseph Lead Company.