

STARK COUNTY

Planning Unit 035: AML Printout #359: T140N, R99W, Section 6, NE
Planning Unit 035: AML Printout #198: T140N, R99W, Section 6, SW

Additional Legal Location: "T14N" 99 6 and 7, no part section;
Lat. 46-56N, Lon. 103-9W

Name:

Owner:

Frank Mine

M. Frank (ca. 1978)

Category: Uraniferous Lignite Production

Type: Surface (strip)

Overburden:	Coal Seam:	Thickness Mined:	Source:
No data	No data	No data	Not applicable

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine was operated for the purpose of extracting uraniferous lignite. The mine apparently was operated from 1963 to 1966, and in 1978 the area of the mine (pit and spoils, etc.) was about 50 ac. in size. The pit (from which lignite was removed) apparently was up to 40 ft. deep. Uranium or uraniferous lignite obtained from this mine was sold to the Atomic Energy Commission, under contract with the Atomic Energy Commission." Although actual production figures are not known for this mine, "Between 1955 and 1967, approximately 590,000 pounds of uranium oxide was recovered from 85,000 tons of lignite mined from the Fort Union Formation in Southwestern North Dakota. The lignite . . . was strip mined from approximately 20 pits located at 7 different sites and burned in pit bottoms or at nearby ashing kilns to concentrate the uranium in its ash" (Houghton and Anderson n.d.). It appears that lignite was taken from this mine and shipped for processing, rather than burning the lignite in the pit and shipping uraniferous ash.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Evans et al.:1978(133)

Notes:

In 1978, it was noted that spoils at this site were well-drained sandy loams in mounds located above the pit walls. Large boulders exist at the site in isolated piles. The walls of the pit were up to 40 ft., and they were unreduced and sloughing. The shale areas in the pit were flooded.

Frank Mine (continued)

The Luptak Mine also may be located at either or both of these Planning Units and AML location.

Two AML locations describe portions of Section; AML 359 describes the NE of Section 6 and AML 198 describes the SW portion of Section 6. The Frank Mine was situated at 140 99 Section 6 and 7 (Section 7 is directly south of Section 6), so the Frank Mine is more likely related to AML 198 than it is to AML 359. Therefore, it is possible that the Luptak Mine is situated at AML 359 and that the Frank is situated at AML 198.

Sources (primary and secondary):

Evans et al.:1978(133)
Houghton and Anderson:n.d.(np)