

STARK COUNTY

Planning Unit 036: AML Printout #363: T138N, R98W, Section 7, NW

Additional Legal Location: Section 7 (no part section), and Section 6
(no part section)

Name: Owner:
No data No data

Category: No data

Type: No data

| 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):

Leonard et al. (1925) indicate that "Coal has been mined. . .in secs. 6 and 7, T. 138 N., R. 98 W. The seam lies low in the valley [of the Heart River], and the holes from which coal has been dug were filled with water, so that thickness was not determined." However, Leonard et al. (1925) do not provide any mine names, and no additional data or named mines were noted in association with the legal location identified by this Planning Unit and AML location.

Descriptive information pertaining to this mine is included in:

{source:year(pages)}

Leonard et al.:1925(144)

Notes:

None

Sources (primary and secondary):

Leonard et al.:1925(144)

STARK COUNTY

Planning Unit 036: AML Printout #362: T138N, R98W, Section 9, NW

Additional Legal Location: None

Name:

Owner:

No data

No data

Category: No data

Type: No data

| 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):

None

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Not applicable

Notes:

None

Sources (primary and secondary):

None

STARK COUNTY

Planning Unit 037: AML Printout # 67: T139N, R97W, Section 18

Additional Legal Location: No part section

Name: Adamski Coal Mine
Owner: No data

Category: Commercial/local

Type: Strip (surface)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|------------------|-----------|
| 10 ft. | 6 ft. | No data | CMID:1926 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1925, and it may have been in operation prior to that time. The mine was operated and reported continuously from 1925 through 1946. No listings were noted following 1946; however, the mine is not listed as closed or not operating in 1946. It is not known if the mine ceased operations, if it was operated but not reported, or if it was operated and reported under some other name following 1946.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

CMID:1926(56)

Notes:

Harrington (1934) indicates that this mine was located at T139N, R97W, Section 18; however, Harrington (1934) does not provide a part section. Therefore, it is not known in what portion of Section 18 the mine was situated.

The Perzinski Coal Mine also is located at this Planning Unit and AML location.

Sources (primary and secondary):

CMID:see table, next page, for appropriate years
Harrington:1934(15)

Mine: Adamski Coal Mine

Planning Unit: 037
 AML Number: 67

| Year | Days Operated | Employees | Price Per Ton | Tons Produced | Tons Local Trade | Tons Shipped | Owner or Superintendent* |
|------|---------------|-----------|---------------|---------------|------------------|--------------|--------------------------|
| 1925 | no data | 1 | 1.00 | 800 | 800 | none | Geo. Adamski** |
| 1926 | 103 | 3 | 1.25 | 1,050 | 1,050 | none | Geo. Adamski** |
| 1927 | 95 | 3 | 1.50 | 1,292 | 1,292 | none | Geo. Adamski** |
| 1928 | 180 | 3 | 1.50 | 975 | 975 | none | Geo. Adamski** |
| 1929 | 90 | 3 | 1.50 | 1,200 | 1,200 | none | Geo. Adamski** |
| 1930 | 80 | 3 | 1.50 | 1,000 | 1,000 | none | Geo. Adamski** |
| 1931 | 60 | 3 | 1.00 | 600 | 600 | none | Geo. Adamski** |
| 1932 | 54 | 2 | 1.00 | 465 | 465 | none | Geo. Adamski** |
| 1933 | 65 | 4 | 1.00 | 485 | 485 | none | Geo. Adamski** |
| 1934 | 66 | 4 | 1.00 | 750 | 750 | none | George Adamski** |
| 1935 | no data | no data | 1.00 | 800 | 500 | 300 | Geo. Adamski** |
| 1936 | 90 | no data | 1.25 | 800 | 620 | 180 | George Adamski** |
| 1937 | 90 | no data | 1.00 | 800 | 800 | none | Geo. Adamski** |
| 1938 | 90 | no data | 1.25 | 350 | 350 | none | Mike Adamski** |
| 1939 | 90 | 1 | 1.25 | 400 | 400 | none | Mike Adamski** |
| 1940 | 90 | no data | 1.25 | 560 | 560 | none | John Adamski** |
| 1941 | 90 | 1 | 1.25 | 900 | 900 | none | John Adamski** |
| 1942 | 90 | 2 | 1.50+ | 950 | 950 | none | John Adamski** |
| 1943 | 90 | 1 | 2.20 | 800 | 800 | none | John Adamski** |
| 1944 | 15 | no data | 1.45 | 150 | 150 | none | John Adamski** |
| 1945 | 30 | 1 | 2.50 | 700 | 700 | none | John Adamski** |
| 1946 | 30 | no data | 2.00 | 400 | 400 | none | John Adamski** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 037: AML Printout # 67: T139N, R97W, Section 18

Additional Legal Location: Section 18, SE, S1/2

| | |
|---|---------|
| Name: | Owner: |
| Perzinski Mine (aka Perzinski Coal Mine) (1923-1938) Perzinski, George Mine (1939) Perzinski Coal Mine (1940-1941) Perzinski, Geo. Coal Mine (1942) | No data |

Category: Commercial/local

Type: Strip (surface)

| | | | |
|-------------|------------|---------------------|-----------|
| Overburden: | Coal Seam: | Thickness Mined: | Source: |
| 15 ft. | 5 ft. | No data | CMID:1926 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1923, and it may have been in operation prior to that time. The mine was operated and reported continuously from 1923 through 1942, when it is listed as not operating. It should be noted that the production table compiled for the Perzinski Coal Mine includes two other mines: the Perzinski Mine No. 2 (1941-1942) and the Steffan/Perzinski/Perzinski & Steffan/Steffan mine (1943-1944). Both of these mines were strip (surface) mines; possible relationship with the Perzinski Coal Mine is discussed in the Notes section, below.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

CMID:1926(52)

WCB Map:1923

Notes:

The Adamski Coal Mine also is located at this Planning Unit and AML location.

The Perzinski Mine No. 2 is listed as a new mine in 1941 and "not operating" in 1942. Since this mine is listed as Perzinski Mine No. 2, it appears possible that the mine may have been located near the original Perzinski Coal Mine; however, no legal location was noted in association with Perzinski Mine No. 2, and it is included on the Perzinski Coal Mine table with the note that it is only possibly located at this Planning Unit and AML location.

Perzinski Coal Mine (continued)

The 1943 CMID Summary of Inspection indicates that the Steffan Mine was "Formerly Perzinski Mine." Since both the Perzinski Coal Mine and Perzinski Mine No. 2 are listed as "not operating" in 1942, it was not possible to determine which of the mines is referred to in reference to the Steffan Mine in the 1943 CMID. Definite association of the Steffan Mine (listed in 1943 and 1944), the Perzinski Coal Mine (listed in 1944), the Perzinski & Steffan Mine (listed in 1945), and the Steffan Coal Mine (listed in 1946 and 1947) was not noted in CMID reports. The Steffan Coal Mine (1943-1944) is listed "Did not operate" in 1944; this Perzinski Coal Mine is listed only in 1944--not as a new mine. In 1945, the Perzinski & Steffan Mine is not listed as a new mine, and both C. Steffan (1944 superintendent of the Steffan Mine) and J. Perzinski (1944 superintendent of the Perzinski Coal Mine) are listed as superintendents. The Steffan Coal Mine listed in 1946 and 1947 is superintended by a Perzinski. Since no definite information about the location(s) and/or relationships of these mines was noted, and it is possible that they were located in the area of the original Perzinski Coal Mine (i.e., at this Planning Unit and AML location), this information and production figures have been included.

Sources (primary and secondary):

CMID:see table, next page, for appropriate years
WCB:1923

Mine: Perzinski Mine (aka Perzinski Coal Mine)
 (1923-1938)
 Perzinski, George Mine (1939)
 Perzinski Coal Mine (1940-1941)
 Perzinski, Geo. Coal Mine (1942)

Planning Unit: 037
 AML Number: 67

| Year | Days Operated | Employees | Price Per Ton | Tons Produced | Tons Local Trade | Tons Shipped | Owner or Superintendent* |
|------|-----------------|-----------|---------------|---------------|------------------|--------------|--------------------------|
| 1923 | 70 | 4 | 1.50 | 400 | 400 | none | Geo. Perzinski** |
| 1924 | 60 | no data | 1.50 | 300 | 300 | none | Geo. Perzinski** |
| 1925 | 60 | 4 | 1.50 | 400 | 400 | none | Geo. Perzinski** |
| 1926 | 40 | 1 | 1.25 | 125 | 125 | none | Geo. Perzinski** |
| 1927 | 40 | 3 | 1.25 | 300 | 300 | none | Geo. Perzinski** |
| 1928 | 45 | 3 | 1.50 | 433 | 433 | none | Geo. Perzinski** |
| 1929 | 35 | 3 | 1.50 | 247 | 247 | none | Geo. Perzinski** |
| 1930 | 150 | 4 | 1.50 | 181 | 181 | none | Geo. Perzinski** |
| 1931 | 35 | 4 | 1.00 | 196 | 196 | none | Geo. Perzinski** |
| 1932 | 47 | 2 | 1.00 | 190 | 190 | none | Geo. Perzinski** |
| 1933 | 30 | 1 | 1.00 | 207 | 182 | none | Geo. Perzinski** |
| 1934 | 100 | 4 | 1.00 | 283 | 283 | none | George Perzinski** |
| 1935 | no data | no data | 1.50 | 354 | 354 | none | Geo. Perzinski** |
| 1936 | 100 | 3 | 1.00 | 272 | 272 | none | George Perzinski** |
| 1937 | 120 | no data | 1.25 | 405 | 405 | none | Geo. Perzinski** |
| 1938 | 60 | no data | 1.75 | 229 | 229 | none | Geo. Perzinski** |
| 1940 | 90 | no data | 1.75 | 212 | 212 | none | George Perzinski** |
| 1941 | 100 | no data | 1.75 | 250 | 250 | none | Geo. Perzinski** |
| 1942 | "not operating" | | | | | | |

Perzinski Mine No. 2:

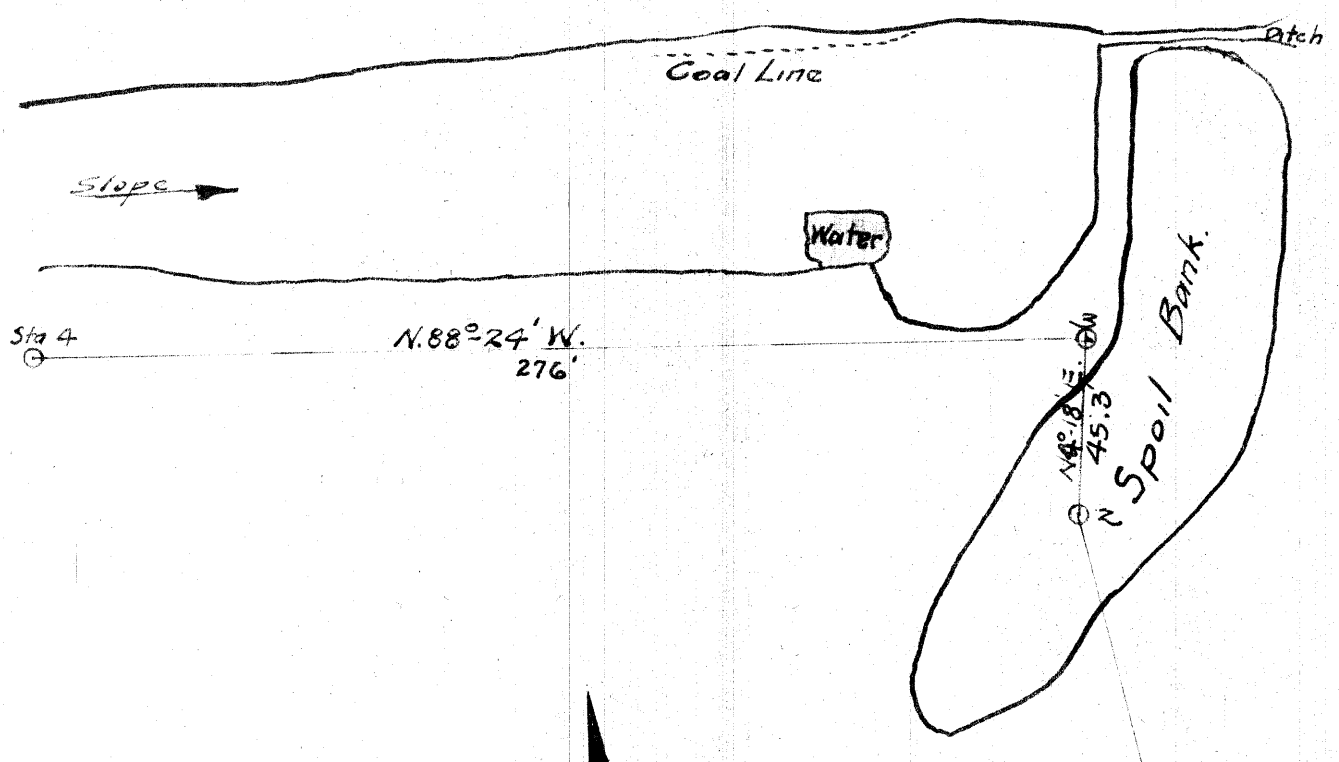
| | | | | | | | |
|------|-----------------|---------|-------|-----|-----|------|-----------------|
| 1941 | "new mine" | | | | | | |
| 1942 | 20 | no data | 2.18+ | 160 | 160 | none | Adolph Kudrna** |
| 1942 | "not operating" | | | | | | |

Steffan Mine (1943-1944); Perzinski Coal Mine (1944); Perzinski & Steffan Mine (1945); Steffan Coal Mine (1946-1947):

| | | | | | | | |
|------|--|---------|------|-----|-----|------|-----------------------------|
| 1943 | Summary of Inspection indicates that the Steffan Mine was "Formerly Perzinski Mine." | | | | | | |
| 1944 | 40 | 2 | 2.00 | 800 | 200 | none | Charlie Steffan** |
| 1944 | "Did not operate." | | | | | | |
| 1944 | 40 | 1 | 2.00 | 254 | 254 | none | John Perzinski** |
| 1945 | 42 | 2 | 2.30 | 600 | 600 | none | C. Steffan & J. Perzinski** |
| 1946 | 90 | 1 | 2.00 | 647 | 647 | none | Mike Perzinski** |
| 1947 | 55 | no data | 1.75 | 647 | 647 | none | Mike Perzinski** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.



PERZINSKI MINE
S½ SE¼ Sec. 18 T. 139 N. R. 97 W.
So. Heart-Stark Co. MD.
Dated Dec. 1923 - Scale 50' = 1"
Drawn by - W. - Checked by - C. -

HIGHWAY

600' SE. Cor. Sec. 18

STARK COUNTY

Planning Unit 035: AML Printout #199: T139N, R98W, Section 6, NW

Additional Legal Location: None

Name:

Owner:

No data

No data

Category: No data

Type: No data

| 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):

None

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Not applicable

Notes:

None

Sources (primary and secondary):

None

STARK COUNTY

Planning Unit 035: AML Printout #360: T139N, R98W, Section 6, SW

Additional Legal Location: T139N, R99W, Section 1, SE

Name:

Owner:

Zenith Coal Mine (aka Zenith Briquet &
Mines Corporation) (1909-1932)
Zarak Coal Mine (1933-1935)

Zenith Coal Company (1909-
1913)
Dakota Lignite Mines Co.
(1914-1917)
No data (remaining years)

Category: Commercial/regional and local; Possibly Industrial/local (see
Notes, below)

Type: Underground, slope, double entry (1909-1922); Underground, shaft
(1923); Underground, slope (1925); Underground, drift (1926-1928);
Strip (surface) (1929); Underground, drift (1930-1935)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|---------------------|---------------------|
| 100 ft. | 18-22 ft. | 8 ft. | SEBR:1910 |
| 100 ft. | 18-24 ft. | 8-10 ft. | SEBR:1912 |
| 70 ft. | 20-22 ft. | 7-8 ft. | SEBR:1914 |
| 10-40 ft. | 20-22 ft. | 9-10 ft. | SEBR:1916 |
| 30-75 ft. | 18-22 ft. | 8-9 ft. | SEBR:1918 |
| 45-70 ft. | 16-22 ft. | No data | Leonard et al.:1925 |
| No data | 14 ft. | 8 ft. | CMID:1926 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1909; however, the 1910 SEBR (which includes the year 1909) indicates that "During the summer of 1909 the work at the old mine north of the track was discontinued and operations begun on the new mine, located just on the south side of the railroad." How many years the "old mine north of the track" was operated is not known. The 1910 SEBR also indicates that "there is an abundance of water in the mine which requires a steam pump to keep down." The main entry of this mine was 1,000 ft. long by March 1912; additionally, the tibble (which apparently was built in about 1908 or 1909) had been completely destroyed by fire and a "cave in had occurred in the main entry." The 1912 SEBR also indicates that the mine was "very wet, the water overlying the coal and seeping through vertical cracks, keeps the mine in a very muddy condition." The 1914 SEBR indicates that the main entry of the mine extended 3,000 ft. Additionally, "no regular system of ventilation can be maintained on account of numerous openings caused by cave-ins in the rooms [150-300 ft. by 25 ft.] that have been worked out," and two 300 gallon capacity pumps had been installed, one or the other of which was kept in operation day

Zenith/Zarak Coal Mine (continued)

and night. The 1916 SEBR indicates that the main entry extended 3,500 ft., and ventilation was secured "by means of three air shafts, and an old caved in room permits the miners to enter the mine near the present works." The 1918 SEBR indicates that the main entry of the mine extended 4,300 ft., and mine buildings included a power house [no mention noted of use of electrically-powered equipment being used at the mine], boiler room, powder magazine, bunk house, boarding house, and an office. A 1920 WCB map indicates that the Zenith townsite was situated a short distance east of the mine workings; it is possible that this townsite was established in combination with the mine's bunk house, boarding house, etc. The 1923 CMID indicates that the mine "was in fair condition in the part of the mine where the coal was being taken out but is nearly exhausted and the other part of the mine could not be entered on account of water." The 1923 CMID indicates that this mine had been condemned, likely because of cave ins. The 1926 CMID indicates that "at the time of inspection pillars were being robbed back to finish up." The 1929 CMID indicates that the old mine had been abandoned, and it lists this mine as a strip mine; it is not known if this mine was operated as a strip mine in this year or if the 1929 CMID is in error, since following listings indicate that the mine continued to be operated as an underground mine. The 1933 CMID Summary of Inspection indicates that the Zarak Coal Mine was "Formerly Zenith Mine," and the 1935 CMID lists this mine "not operating."

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

| | |
|--------------------------|-------------------------------------|
| CMID:1920(22) | SEBR:1916(100) |
| CMID:1926(50) | SEBR:1918(160-161) |
| Leonard et al.:1925(142) | WCB Map:1909 |
| SEBR:1910(93) | WCB Map:1920(updated 1921 and 1924) |
| SEBR:1912(118-119) | WCB Map:1926 |
| SEBR:1914(138) | |

Notes:

The 1926 WCB map illustrating this mine refers to it as the Zenith Briquet & Mines Corporation; however, no reference was noted in SEBRs, CMIDs, or other sources about coal from this mine being used to manufacture briquets. Additionally, as indicated in the basic data section above, the 1918 SEBR indicates that a power house was located at the mine. It is possible that this power house was operated, using coal from this mine, and that it supplied the nearby community of Zenith with electricity; however, no definite information was noted. Provided that briquets were manufactured from coal produced at this mine and electricity was generated using coal from this mine, the mine was a local industrial mine as well as a local and regional commercial mine.

Zenith/Zarak Coal Mine (continued)

Sources (primary and secondary):

CAL:1912(162)

CMID:see table, next page, for appropriate years

Harrington:1934(15)

Leonard et al.:1925(144)

NDGS:1920(Bulletin 4)

School of Mines:n.d.(15)

SEBR:see table, next page, for appropriate years

WCB:1909, 1920(updated 1921 and 1924), 1926

Mine: Zenith Coal Mine (1909-1932)
Zarak Coal Mine (1933-1935)

Planning Unit: 035
AML Number: 360

| Year | Days Operated | Employees | Price Per Ton | Tons Produced | Tons Local Trade | Tons Shipped | Owner or Superintendent* |
|------|-----------------|-----------|---------------|---------------|------------------|--------------|--------------------------|
| 1909 | no data | 70 | 1.25 | 11,550 | yes | yes | Zenith Coal Company |
| 1910 | 280 | 15 | 1.35 | 11,575 | yes | yes | Zenith Coal Company |
| 1911 | 280 | 15 | 1.35 | 10,000 | yes | yes | Zenith Coal Company |
| 1912 | 216 | 14 | 1.75 | 15,050 | yes | 11,008 | Zenith Coal Company |
| 1913 | 204 | 13 | 1.75 | 12,258 | yes | 11,008 | Zenith Coal Company |
| 1914 | 205 | 14 | 1.50 | 12,000† | yes | 11,000† | Dakota Lignite Mines Co. |
| 1915 | 215 | 16 | 1.46 | 25,876 | yes | 25,142 | Dakota Lignite Mines Co. |
| 1916 | 312 | 34 | 1.75 | 27,836 | yes | 26,584 | Dakota Lignite Mines Co. |
| 1917 | 312 | 40 | 2.50 | 30,443 | yes | 30,155 | Dakota Lignite Mines Co. |
| 1919 | 131 | 33 | no data | 4,371 | no data | no data | Mr. Smith** |
| 1920 | 295 | 11 | 3.15 | 15,008 | 415 | 14,583 | Hanson Evesmith** |
| 1921 | 300 | 33 | 2.55 | 14,616 | 2,335 | 12,281 | Hanson Evesmith** |
| 1922 | 298 | 19 | 2.75 | 10,122 | 1,129 | 8,993 | Hansen Evesmith** |
| 1923 | 270 | 24 | 2.75 | 8,949 | 399 | 7,149 | Wm. Zarak** |
| 1923 | "Condemned." | | | | | | |
| 1924 | 35 | 15 | 2.75 | 2,600 | 978 | 1,622 | R. Evesmith** |
| 1925 | 30 | 4 | 2.00 | 1,000 | 1,000 | none | Wm. Zarak** |
| 1926 | 75 | 6 | 2.00 | 1,000 | 1,000 | none | Wm. Zarak** |
| 1927 | 90 | 5 | 1.75 | 700 | 700 | none | Wm. Zarak** |
| 1928 | 90 | 5 | 1.75 | 825 | 825 | none | Wm. Zarak** |
| 1929 | 60 | 2 | 1.75 | 400 | 400 | none | Wm. Zarak** |
| 1930 | 60 | 2 | 2.00 | 400 | 400 | none | Wm. Zarak** |
| 1931 | 90 | 2 | 1.50 | 315 | 315 | none | Wm. Zarak** |
| 1932 | 90 | 1 | 1.50 | 265 | 265 | none | Wm. Zarak** |
| 1933 | 30 | 1 | 1.50 | 135 | 135 | none | Wm. Zarak** |
| 1934 | no data | no data | 1.50 | 135 | 135 | none | Wm. Zarak** |
| 1935 | "not operating" | | | | | | |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

†"Estimated."

STARK COUNTY

Planning Unit 035: AML Printout #349: T139N, R98W, Section 16, N1/2,
N1/2

Additional Legal Location: No part section

Name: Owners:
No data No data

Category: Private/local

Type: Strip (surface)

| 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):

Wilder (1902) indicates that several hundred tons were mined (by strip--surface--mining) every winter for local use. However, it does not appear that a mine name or mine names were designated for the strip mine (or mines); therefore, no SEBR listings could be related to any mines at this location and no additional data was noted in association with the legal location identified by this Planning Unit and AML location.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Not applicable

Notes:

Wilder (1902) indicates that strip mining was conducted at T139N, R98W, Section 16; however, Wilder (1902) does not provide a part section. Therefore, it is not known if this strip mining was conducted at this Planning Unit and AML location (T139N, R98W, Section 16, N1/2, N1/2), or if the stripping was conducted in some other portion(s) of Section 16.

Sources (primary and secondary):

Wilder:1902(157)

STARK COUNTY

Planning Unit 035: AML Printout #351: T139N, R99W, Section 4, NE, S1/2
Planning Unit 035: AML Printout #350: T139N, R99W, Section 4, NW, NE

Additional Legal Location: No part section

Name: _____ Owners: _____
Eastern Star Coal Mine (aka Eastern Coal Mine) No data

Category: Commercial/local

Type: Underground, slope

| Overburden: | Coal Seams: | Thickness Mined: | Sources: |
|-------------|-------------|------------------|----------------|
| No data | 7 ft. | No data | Not applicable |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is listed as a new mine in 1929. The mine was operated and reported continuously from 1929 through 1942, with the exceptions of 1934 and 1935, in which no production figures were provided. The mine is listed as not operating in 1942; it is not known if the mine ceased operations at this time, if it was operated but not reported, or if it was operated and reported under some other name following 1942.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

No data

Notes:

Harrington (1934) indicates that this mine was located at T139N, R99W, Section 4; however, Harrington (1934) does not provide a part section. Therefore, it is not known if this mine was located at Planning Unit 035 and AML location 351 (T139N, R99W, Section 4, NE, S1/2), at Planning Unit 035 and AML location 350 (T139N, R99W, Section 4, NW, NE), or if it was situated in some other portion of Section 4.

The Polensky Coal Mine also may be located at Planning Unit 035 and AML location 351 and/or Planning Unit 035 and AML location 350.

Sources (primary and secondary):

CMID: see table, next page, for appropriate years
Harrington: 1934(15)

Mine: Eastern Star Coal Mine (aka Eastern Coal Mine)

Planning Unit: 035
 AML Number: 351
 Planning Unit: 035
 AML Number: 350

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1929 | 360 | 3 | 2.00 | 2,185 | 2,185 | none | John Henez** |
| 1929 | "new mine" | | | | | | |
| 1930 | 157 | 3 | 2.00 | 2,278 | 2,278 | none | John Henez** |
| 1931 | 150 | 1 | 1.75 | 540 | 540 | none | John Henez** |
| 1932 | 90 | 1 | 1.70 | 529 | 529 | none | John Henez** |
| 1933 | 55 | no data | 1.70 | 344 | 344 | none | John Henez** |
| 1934 | Production figures not provided. | | | | | | |
| 1935 | Production figures not provided. | | | | | | |
| 1936 | 150 | no data | 1.90 | 400 | 400 | none | Newton Bros.** |
| 1937 | 150 | no data | 1.80 | 450 | 450 | none | Russel H. Newton** |
| 1938 | 100 | 4 | 1.40 | 800 | 800 | none | Russel Newton** |
| 1939 | 70 | 1 | 1.75 | 475 | 475 | none | Russel H. Newton** |
| 1940 | 125 | 2 | 1.70 | 1,000 | 1,000 | none | Russel H. Newton** |
| 1941 | 120 | 3 | 1.70 | 1,100 | 1,100 | none | Russel H. Newton** |
| 1942 | 142 | 5 | 2.00 | 2,098+ | 2,098+ | none | Russel H. Newton** |
| 1942 | "not operating" | | | | | | |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #351: T139N, R99W, Section 4, NE, S1/2
Planning Unit 035: AML Printout #350: T139N, R99W, Section 4, NW, NE

Additional Legal Location: No part section

Name: Polensky Coal Mine Owner: No data

Category: Commercial/local

Type: Strip (surface)

| 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):

Only one listing was noted for this mine; that listing was noted in the 1950 CMID. The mine is not listed as a new mine in 1950, nor is it listed as closed or not operating following 1950. How long and/or if the mine may have been operated prior to 1950 and/or following 1950 is not known.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Brant (1953) indicates that this mine was located at T139N, R99W, Section 4; however, Brant (1953) does not provide a part section. Therefore, it is not known if this mine was located at Planning Unit 035 and AML location 351 (T139N, R99W, Section 4, NE, S1/2), at Planning Unit 035 and AML location 350 (T139N, R99W, Section 4, NW, NE), or if it was situated in some other portion of Section 4.

The Eastern Star Coal Mine also may be located at Planning Unit 035 and AML location 351 and/or Planning Unit 035 and AML location 350.

Sources (primary and secondary):

Brant:1953(51)
CMID:see table, next page, for appropriate years

Mine: Polensky Coal Mine

Planning Unit: 035
AML Number: 351
Planning Unit: 035
AML Number: 350

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner, Operator or Superintendent*</u> |
|-------------|----------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---|
| 1950 | 22 | no data | 2.65 | 533 | 533 | none | Kasper Filkowski** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #353: T139N, R99W, Section 19, NW

Additional Legal Location: No part section

Name: Owner:
Ranson (aka Hansen) Coal Mine No data

Category: Commercial/local

Type: Underground, slope (1931-1934); Underground, drift (1935)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|------------------|----------------|
| No data | 12 ft. | No data | Not applicable |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1931, and it may have been in operation prior to that time. The mine was operated and reported continuously from 1931 through 1933; no production figures are provided in the 1934 CMID, and the 1935 CMID indicates that the mine was "not operating." The 1935 CMID also indicates that the mine had changed from a slope mine to a drift mine, which may explain why no production figures are provided in the 1934 CMID (i.e., production was halted while a new mine entry was being driven). No listings were noted for this mine following 1935; it is not known if the mine ceased operations, if the mine was operated but not reported, or if the mine was operated and reported under some other name following 1935.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Harrington (1934) indicates that this mine was located at T139N, R99W, Section 19; however, Harrington (1934) does not provide a part section. Therefore, it is not known if the mine was located at this Planning Unit and AML location (T139N, R99W, Section 19, NW), or if the mine was situated in some other portion of Section 19.

Sources (primary and secondary):

CMID: see table, next page, for appropriate years
Harrington: 1934(15)

Mine: Hanson (aka Hansen) Coal Mine

Planning Unit: 035

AML Number: 353

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1931 | 64 | 1 | 1.50 | 257 | 257 | none | J.W. Hanson** |
| 1932 | 160 | 2 | 1.50 | 408 | 408 | none | Wallace Hanson** |
| 1933 | 81 | 2 | 1.50 | 290 | 290 | none | J.W. Hanson** |
| 1934 | Production figures not provided. | | | | | | |
| 1935 | "not operating" | | | | | | |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #354: T139N, R99W, Section 20, NW

Additional Legal Location: No part section

| Name: | Owner: |
|---|---------|
| Dietz (aka Deitz) Coal Mine (1936-1938) | No data |
| Dietz, Andrew Mine (1943) | |
| Dietz Coal Mine (1944-1953) | |

Category: Commercial/local

Type: Strip (surface)

| 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):

A Dietz Coal Mine is listed as a new mine in 1936; this mine was operated and reported in 1937 and 1938, and in 1938 it is listed "not operating." No further listings were noted until 1943, when a Dietz, Andrew Mine is listed as a new mine. This mine was operated and reported continuously from 1944 through 1951, it is listed "not operating," and it was operated and reported in 1953. No listings were noted following 1953; it is not known if the mine ceased operations, if the mine was operated but not reported, or if the mine was operated and reported under some other name following 1953.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Brant (1953) indicates that a Dietz Mine was located at T139N, R99W, Section 20; however, Brant (1953) does not provide a part section. Therefore, it is not known if the mine was located at this Planning Unit and AML location (T139N, R99W, Section 20, NW), or if it was situated in some other portion of Section 20. Additionally, the Brant (1953) reference is related to the Dietz mine reported from 1943-1953, and it is not definitely known that the mine reported from 1936-1938 was located at the same location as the later mine.

Earlier, unnamed mining also may have been conducted at this Planning Unit and AML location.

Dietz Coal Mine (continued)

Sources (primary and secondary):

Brant:1953(51)

CMID:see table, next page, for appropriate years

Mine: Dietz (aka Deitz) Coal Mine (1936-1938)
 Dietz, Andrew Mine (1943)
 Dietz Coal Mine (1944-1953)

Planning Unit: 035
 AML Number: 354

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1936 | "new mine" | | | | | | |
| 1937 | 6 | no data | 2.00 | 24 | 24 | none | Andrew Deitz** |
| 1938 | no data | no data | 2.00 | 25 | 25 | none | Andrew Deitz** |
| 1938 | "not operating" | | | | | | |
| 1943 | "new mine" | | | | | | |
| 1944 | 8 | no data | 2.50 | 100 | 100 | none | Andrew Dietz** |
| 1945 | 25 | no data | 2.50 | 195 | 180 | none | Anton Dietz** |
| 1946 | 20 | no data | 2.50 | 200 | 200 | none | Ben Dietz** |
| 1947 | 25 | no data | 2.50 | 330 | 339 | none | Ben Dietz** |
| 1948 | 4 | no data | 2.50 | 60 | 40 | none | Ben Dietz** |
| 1949 | 3 | no data | 2.50 | 65 | 40 | none | Ben Dietz** |
| 1950 | 14 | no data | 2.25 | 225 | 195 | none | Ben Dietz** |
| 1951 | 15 | no data | 2.50 | 300 | 300 | none | Ben Dietz** |
| 1952 | "Did not operate." | | | | | | |
| 1953 | 28 | no data | 2.50 | 260 | 260 | none | Ben Dietz** |

*Unless otherwise indicated, name listed is that of owner.
 **Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #354: T139N, R99W, Section 20, NW

Additional Legal Location: "near the west line of sec. 20"

Name: Owners:
No data No data

Category: No data

Type: No data

| 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):

Leonard et al. (1925) indicate that "The same [coal] bed is mined in the cut bank near the west line of sec. 20, T. 139 N., R. 99 W; however, Leonard et al. (1925) do not provide a mine name. No named mines or additional data were noted about a mine (or mines) operated at this location during the general time period of 1920-1925.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Leonard et al.:1925(142)

Notes:

The Dietz Coal Mine may be located at this Planning Unit and AML location.

Sources (primary and secondary):

Leonard et al.:1925(142)

STARK COUNTY

Planning Unit 037: AML Printout # 69: T140N, R97W, Section 27, NW

Additional Legal Location: None

Name:

Owner:

No data

No data

Category: No data

Type: No data

| 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):

None

Descriptive information pertaining to this mine is included in:

{source:year(pages)}

Not applicable

Notes:

None

Sources (primary and secondary):

None

STARK COUNTY

Planning Unit 037: AML Printout # 68: T140N, R97W, Section 28, NE
Planning Unit 037: AML Printout # 70: T140N, R97W, Section 28, NE, E1/2

Additional Legal Location: None

Name: Owner:
No data No data

Category: No data

Type: No data

| 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):

None

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Not applicable

Notes:

It should be noted that Planning Unit 037 and AML location 70 (T140N, R97W, Section 28, NE, E1/2) is included in Planning Unit 037 and AML location 68 (T140N, R97W, Section 28, NE). Therefore, the locations have been combined on this page.

Sources (primary and secondary):

None

STARK COUNTY

Planning Unit 037: AML Printout #497: T140N, R98W, Section 26, NW SW
Planning Unit 037: AML Printout # 65: T140N, R98W, Section 26 SW

Additional Legal Location: Section 26, no part section

Name: Marsh Coal Mine (aka Fred Marsh Coal Mine; Marsh, Fred A. Coal Mine)
Owner: No data

Category: Commercial/local

Type: Surface (strip)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|------------------|------------|
| No data | 6-11.2 ft. | No data | Brant:1953 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1931, and it may have been in operation prior to that time. The mine was operated and reported continuously from 1931 through 1952. No listings were noted for the mine following 1952; it is not known if the mine ceased to be operated, if it was operated and not reported, or if it was operated and reported under some other name following 1952.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Brant (1953) indicates that this mine was located at 140 98 26; however, Brant (1953) does not provide a part section. Therefore, it is not known if the mine was situated at AML 497 (140 98 26 NW SW), AML 65 (140 98 26 SW), or if it was situated in some other portion of Section 26.

The Wiley/North Creek Coal Mine also is located at Planning Unit 037, AML #65 (140 98 26 SW).

Sources (primary and secondary):

Brant:1953:51
CMID:see table, next page, for appropriate years

Mine: Marsh Coal Mine (aka Fred Marsh Coal Mine; Marsh, Fred A. Coal Mine)

Planning Unit: 037
AML Number: 497
Planning Unit: 037
AML Number: 65

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1931 | 60 | 3 | 0.35 | 550 | 550 | none | Fred Marsh** |
| 1932 | 25 | 1 | 0.35 | 500 | 500 | none | Fred A. Marsh** |
| 1933 | no report | | | | | | |
| 1934 | 60 | no data | 0.25 | 500 | 500 | none | Fred Marsh** |
| 1935 | no data | no data | 0.25 | 500 | 500 | none | F.A. Marsh** |
| 1936 | 30 | no data | 0.50 | 145 | 145 | none | Fred A. Marsh** |
| 1937 | 30 | no data | 0.25 | 400 | 400 | none | Fred Marsh** |
| 1938 | 60 | no data | 0.35 | 400 | 400 | none | Fred Marsh** |
| 1939 | 90 | no data | 0.30 | 1,300 | 1,300 | none | Fred Marsh** |
| 1940 | 30 | no data | 1.75 | 800 | 800 | none | Fred A. Marsh** |
| 1941 | 30 | no data | 1.25 | 920 | 920 | none | Fred A. Marsh** |
| 1942 | no data | no data | 0.35+ | 1,427 | 1,427 | none | Fred A. Marsh** |
| 1943 | 30 | no data | 0.92 | 1,281 | 1,281 | none | Fred A. Marsh** |
| 1944 | 30 | no data | 0.50 | 780 | 780 | none | Fred A. Marsh** |
| 1945 | 30 | no data | 1.00 | 228 | 228 | none | Fred Marsh** |
| 1946 | 30 | no data | 2.50 | 227 | 227 | none | Fred A. Marsh** |
| 1947 | 25 | no data | 2.25 | 200 | 200 | none | Fred Marsh** |
| 1948 | 30 | no data | 2.50 | 525 | 525 | none | David Marsh** |
| 1949 | 30 | no data | 1.75 | 54 | 54 | none | David Marsh** |
| 1950 | 30 | no data | 2.25 | 400 | 400 | none | Fred Marsh** |
| 1951 | 15 | 1 | 2.25 | 489 | 489 | none | Bernard Marsh** |
| 1952 | 30 | 1 | 2.25 | 488 | 488 | none | Bernard Marsh** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 037: AML Printout # 65: T140N, R98W, Section 26, SW

Additional Legal Location: None

Name:

Owner:

Wiley Coal Mine (1913)
North Creek Coal Mine (aka North Creek
Mine) (1914-1921)

C.H. Wiley (1913-1915)
Deane Wiley (1916 likely to
1921)

Category: Commercial/local and regional

Type: Strip (surface)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|---------------------|-----------------------|
| 20 ft. | 15-20 ft. | 12 ft. | SEBR:1914, 1916, 1918 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1913, and it may have been in operation prior to that time. The 1916 SEBR indicates that "Most of the mining is done in the fall of the year." The mine was operated and reported continuously from 1913 through 1920; the 1920 CMID indicates that the mine "was not in operation on my last inspection." The mine was operated and reported again in 1921; no listings were noted following 1921. It is likely that the mine ceased to be operated following 1921, as indicated in Leonard et al. (1925), which states "This mine has not been operated for several years." It should be noted that Leonard could have been in the area as early as 1920 or as late as 1925.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Leonard et al.:1925(143-144)
SEBR:1914(138)

SEBR:1916(148)
SEBR:1918(159)

Notes:

None

Sources (primary and secondary):

CMID:see table, next page, for appropriate years
Leonard et al.:1925(143-144)
SEBR:see table, next page, for appropriate years

Mine: Wiley Coal Mine (1913)
 North Creek Coal Mine (aka North
 Creek Mine) (1914-1921)

Planning Unit: 037
 AML Number: 65

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|--------------------------|------------------|--------------------------|--------------------------|---------------------------------|-------------------------|-------------------------------------|
| 1913 | 168 | 2 | 1.50 | 1,300 | no data | 1,300 | C.H. Wiley |
| 1914 | 45 | 3 | 1.50 | 200† | yes | no | C.H. Wiley |
| 1915 | 59 | 3 | 1.50 | 240 | yes | no | C.H. Wiley |
| 1916 | 120 | 1 | 1.50 | 260 | yes | no | Deane Wiley |
| 1917 | 120 | 1 | 2.00 | 300 | yes | 100 | Deane Wiley |
| 1919 | 27 | 1 | no data | 170 | no data | no data | Deane Wiley** |
| 1920 | "not in operation" | | | | | | |
| 1921 | no data | no data | 2.50 | 200 | 200 | none | Deane Wiley** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

†*Estimated.*

STARK COUNTY

Planning Unit 037: AML Printout # 66: T140N, R98W, Section 27, SE, N1/2

Additional Legal Location: Section 27, SE

| Name: | Owner: |
|------------------------------------|---------|
| Karsky Coal Mine (1932-1938) | No data |
| Karsky Mine (1939) | |
| Karsky, Frank J. Mine (1940-1943) | |
| Karsky Coal Mine (1944-1947, 1950) | |

Category: Commercial/local

Type: Strip (surface)

| 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 is not listed as a new mine in 1932, and it may have been in operation prior to that time. Leonard et al. (1925) indicate that strip mining was conducted at T140N, R98W, Section 27, E1/2; however, no mine name is provided. It is possible that Leonard et al.'s (1925) reference to mining is in reference to the Karsky mine (a strip mine), , in which case the mine could have been in operation as early as 1920. However, no data was noted to definitely link the mining referred to by Leonard et al. (1925) with the Karsky mine. The Karsky mine was operated and reported continuously from 1932 through 1947, when it is listed "Did not operate." No Karsky mine listings were noted in 1948 or 1949; the mine was operated and reported in 1950. No listings were noted following 1950. Whether or not the mine was operated in 1948 and 1949 or if the mine ceased to be operated, was operated but not reported, or was operated and reported under some other name following 1950 is not known.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

WCB Map:1947

Notes:

None

Karsky Coal Mine (continued)

Sources (primary and secondary):

Brant:1953(51)

CMID:see table, next page, for appropriate years

Leonard et al.:1925(144)

WCB:1947

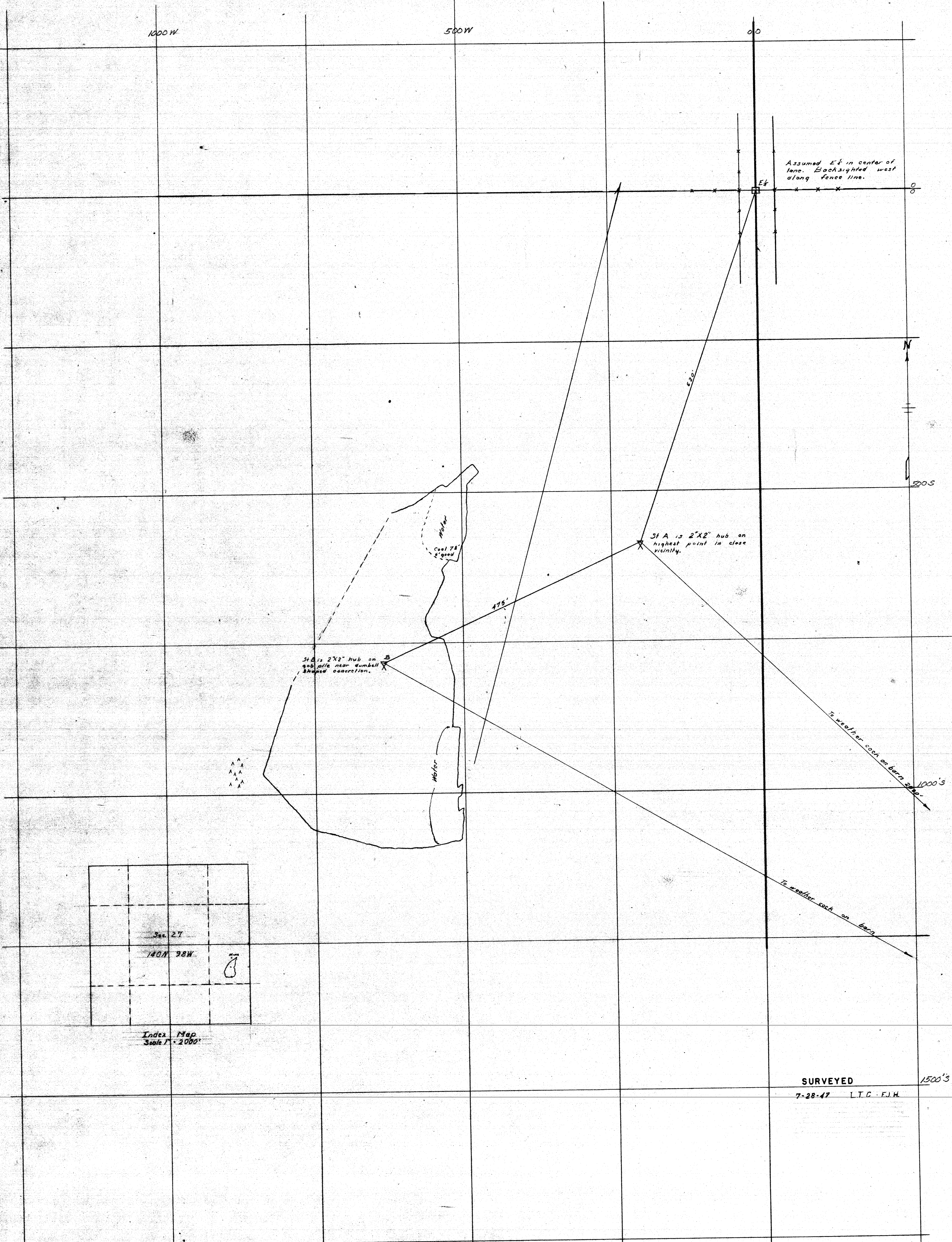
Mine: Karsky Coal Mine (1932-1938)
 Karsky Mine (1939)
 Karsky, Frank J. Mine (1940-1943)
 Karsky Coal Mine (1944-1947, 1950)

Planning Unit: 037
 AML Number: 66

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1932 | 40 | 2 | .35 | 440 | 440 | none | Frank Karsky** |
| 1933 | no data | no data | .35 | 250 | 250 | none | Frank Karsky** |
| 1934 | no data | no data | .30 | 150 | 150 | none | Frank J. Karsky** |
| 1935 | no data | no data | .30 | 140 | 140 | none | Frank Karsky** |
| 1936 | no data | no data | .30 | 130 | 130 | none | Frank Karsky** |
| 1937 | no data | no data | .35 | 150 | 150 | none | Frank J. Karsky** |
| 1938 | no data | no data | .35 | 150 | 150 | none | Frank J. Karsky** |
| 1939 | 30 | no data | .30 | 200 | 200 | none | Frank J. Karsky** |
| 1940 | 30 | no data | .25 | 300 | 300 | none | Frank J. Karsky** |
| 1941 | 25 | no data | .30 | 470 | 470 | none | Frank J. Karsky** |
| 1942 | 30 | no data | .85+ | 740 | 740 | none | Frank J. Karsky** |
| 1943 | 30 | no data | .85 | 740 | 740 | none | Frank J. Karsky** |
| 1944 | 24 | no data | .85+ | 500 | 475 | none | Frank J. Karsky** |
| 1945 | 30 | no data | 2.00 | 300 | 300 | none | Frank J. Karsky** |
| 1946 | 14 | no data | 2.00 | 125 | 125 | none | Frank J. Karsky** |
| 1947 | "Did not operate." | | | | | | |
| 1950 | 15 | no data | .50 | 95 | 70 | none | Frank Karsky** |

*Unless otherwise indicated, name listed is that of owner.

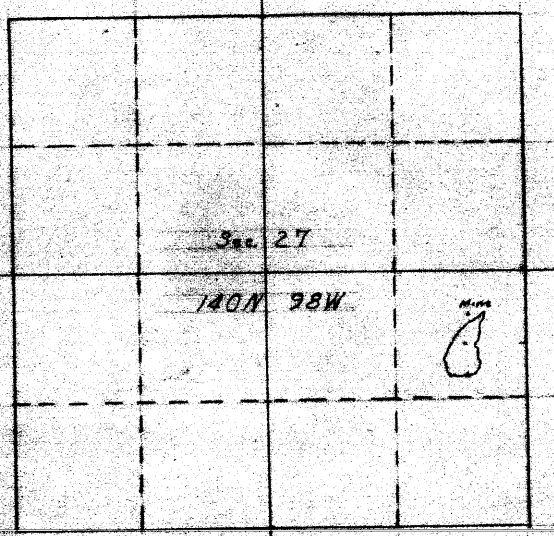
**Individual was superintendent of the mine; owner not listed.



St B is 2'x2' hub on 4x4 pole near dumbbell shaped excavation.

St A is 2'x2' hub on highest point in close vicinity.

Assumed E in center of lane. Backsighted west along fence line.



Index Map
Scale 1" = 2000'

SURVEYED
7-28-47 L.T.C. F.J.H.

Trespass No.
Sec 27- 140 N - 98 W
Frank J. Korzky
Scale 1" = 100'

STARK COUNTY

Planning Unit 035: AML Printout #352: T140N, R99W, Section 27, SW

Additional Legal Location: None

Name:

Owner:

No data

No data

Category: No data

Type: No data

| 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):

None

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Not applicable

Notes:

None

Sources (primary and secondary):

None

STARK COUNTY

Planning Unit 035: AML Printout #355: T140N, R99W, Section 28, SE

Additional Legal Location: None

| Name: | Owner: |
|---|---------|
| Lerfald Lignite (aka Coal) Mine (1923-1928) | No data |
| Lerfield Lignite Mine (1929-1930) | |
| Lerfald Lignite Mine (1930-1935) | |

Category: Commercial/local; Private (1934); "Relief mine" (1935)

Type: Underground, drift (1923-1930); Underground, slope (1931-1932); Strip (surface) (1933-1935)

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|------------------|---------------------|
| No data | 6 1/2 ft. | 6 ft. | CMID:1926 |
| 6-12 ft. | 10 ft. | No data | Leonard et al.:1925 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is listed as a new mine in 1923. The mine was operated and reported from 1923 through 1928; the mine's production was not reported in 1929--it is not whether or not the mine was operated in 1929; the mine was operated and reported from 1930 through 1933. Leonard et al. (1925) indicate that most of the output of this mine was sold in Belfield, North Dakota. The 1934 CMID does not include production figures for this mine, but it does indicate that the mine was operated "for own use." The 1935 CMID indicates that this mine was operated as a "relief mine," and it provides no production figures. No listings were noted for the mine following 1935; it is not known if the mine ceased to operate, if the mine was operated but not reported, or if the mine was operated and reported under some other name.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

CMID:1926(52)
Leonard et al.:1925(143)

WCB:1923

Notes:

The Thomas/Individual Coal Mine also may be located at this Planning Unit and AML location.

Lerfald Coal Mine (continued)

Sources (primary and secondary):

CMID: see table, next page, for appropriate years
Harrington: 1934 (15)
Leonard et al.: 1925 (143)
NDGS: 1920 (Bulletin 4)
WCB: 1923

Mine: Lerfald Lignite (aka Coal) Mine (1923-1928)
 Lerfield Lignite Mine (1929-1930)
 Lerfald Lignite Mine (1931-1935)

Planning Unit: 035
 AML Number: 355

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|--|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1923 | 225 | 7 | 2.00 | 3,132 | 3,089 | 43 | Julius Lerfald** |
| 1923 | "new mine" | | | | | | |
| 1924 | 200 | 5 | 2.40 | 2,494 | 2,494 | none | J. Lerfald** |
| 1925 | 278 | 6 | 2.40 | 3,680 | 3,680 | none | J. Lerfald** |
| 1926 | 275 | 4 | 2.25 | 1,486 | 1,486 | none | R.N. Snow** |
| 1927 | 300 | 4 | 2.20 | 1,300 | 1,300 | none | Hatz & Henez** |
| 1928 | 177 | 5 | 2.00 | 2,142 | 2,142 | none | Hatzenbuhler-Stoltz** |
| 1929 | "Not reported." | | | | | | |
| 1930 | 225 | 2 | 2.00 | 921 | 921 | none | R.N. Snow** |
| 1931 | 250 | 1 | 1.50 | 1,600 | 1,600 | none | R.N. Snow** |
| 1932 | 150 | 2 | 1.50 | 1,000 | 1,000 | none | R.N. Snow** |
| 1933 | 200 | 2 | 1.50 | 1,200 | 1,200 | none | Julius Lerfald** |
| 1934 | Mine was operated "For own use." No production figures included. | | | | | | |
| 1935 | Summary of Inspection indicates that this was a "Relief Mine." No production figures provided. | | | | | | |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #355: T140N, R99W, Section 28, SE

Additional Legal Location: No part section

| | |
|---|---------|
| Name: | Owner: |
| Thomas Coal mine (1945, 1947, 1949-1952) Individual Coal Mine (1948) | No data |

Category: Commercial/local

Type: Strip (surface)

| 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 is listed as a new mine in 1945. No listing is included in the 1946 CMID, and the mine is listed as a reopened mine in the 1947 CMID, so apparently the mine was not operated in 1946. The 1948 CMID Summary of Inspection indicates that the "Individual Coal Mine [was] Previously Thomas Coal Mine," and the mine is listed as the Individual Coal Mine in 1948. The mine is listed as the Thomas Coal Mine from 1949 through 1952, when the mine is listed "Did not operate," apparently because the superintendent (Fred G. Thomas) was deceased. No further listings were noted for the mine, and it appears likely that the mine was not operated following 1952.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Brant (1953) indicates that the Thomas Coal Mine was located at T140N, R99W, Section 28; however, Brant (1953) does not provide a part section. Therefore, it is not known if this mine was located at this Planning Unit and AML location (T140N, R99W, Section 28, SE), or if the mine was situated in some other portion of Section 28.

The Lerfald Coal Mine also is located at this Planning Unit and AML location.

Sources (primary and secondary):

Brant:1953(51)
CMID:see table, next page, for appropriate years

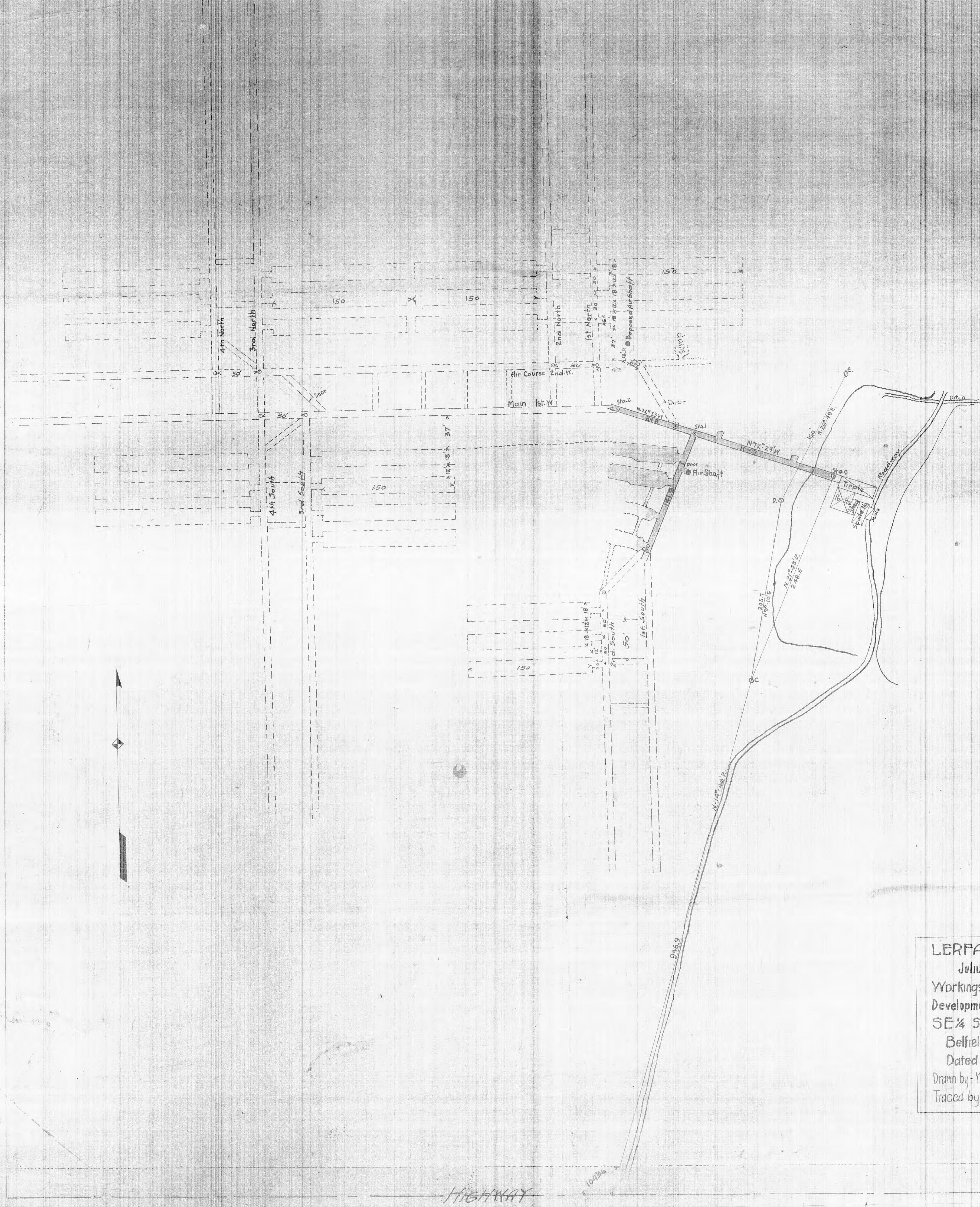
Mine: Thomas Coal Mine (1945, 1947, 1949-1952)
 Individual Coal Mine (1948)

Planning Unit: 035
 AML Number: 355

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|--|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1945 | 27 | 6 | 2.40 | 800 | 800 | none | Fred G. Thomas** |
| 1945 | "new mine" | | | | | | |
| 1947 | 8 | 3 | 2.25 | 60 | 60 | none | Fred Thomas** |
| 1947 | "Reopened - 1947." | | | | | | |
| 1948 | 15 | no data | 2.25 | 225 | 100 | none | Fred G. Thomas** |
| 1948 | Report indicates "Individual Coal Mine Previously Thomas Coal Mine." | | | | | | |
| 1949 | 20 | no data | 2.25 | 88+ | 88+ | none | Fred G. Thomas** |
| 1950 | 17 | no data | 2.25 | 50 | 50 | none | Fred Thomas** |
| 1951 | 30 | no data | 2.25 | 95 | 95 | none | Fred G. Thomas** |
| 1952 | "Did not operate." | | Superintendent | "Deceased." | | | |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.



LERFALD LIGNITE MINE
 Julius Lerfald - Operator -
 Workings shown thus
 Development Workings Dotted -
 SE 1/4 Sec. 28 T. 140 N., R. 99 W.
 Belfield - Stark County N.D.
 Dated Dec. 1925 - Scale 50' = 1"
 Drawn by: YK
 Traced by: S
 Designed by
 Walter S. Stratton
 Consulting Eng.
 Mine Dept.

STARK COUNTY

Planning Unit 035: AML Printout #357: T140N, R99W, Section 34, SE

Additional Legal Location: Section 34, E1/2

Name:

Owner:

Gross (aka Cross) Coal Mine

Paul Gross (1913)
Carl Podolanchuk (1914-
1920)

Category: Commercial/local

Type: Underground, slope, single entry

| Overburden: | Coal Seam: | Thickness Mined: | Source: |
|-------------|------------|------------------|-----------------|
| 16 ft. | 8 ft. | 7 ft. | SEBR:1914 |
| 25 ft. | 6-8 ft. | 5 ft. | SEBR:1916, 1918 |

Cultural Resource Site Number: Not formally recorded

Basic Data (excerpted from primary sources):

This mine is not listed as a new mine in 1913, and it may have been in operation prior to that time. The main entry of this mine was 200 ft. long (rooms were 60-90 ft. by 20 ft.) in early 1914. The 1914 SEBR also indicates that "No regular system of mining has been adopted and the air shaft is not properly located for good ventilation." The 1916 SEBR indicates that the main entry was 120 ft. long, which may indicate that a new entry was dug between 1914 and 1916; however, no definite information was noted. The 1918 SEBR indicates "The Gross Coal Mine formerly supplied a local demand but at present is being mine only for the owners own coal supply." This mine is listed in the 1919 CMID, but no production figures are provided, since the mine did not reoprt, and the 1920 CMID indicates that this mine was not in operation. No further listings were noted for this mine, and it is likely that the was not in operation for any great length of time, if at all, following 1920.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

Leonard et al.:1925(143)
SEBR:1914(137)

SEBR:1916(147)
SEBR:1918(159)

Notes:

Andy's Coal Mine (aka Polanchek Coal Mine) also may be located at this Planning Unit and AML location.

Gross Coal Mine (continued)

Sources (primary and secondary):

Leonard et al.:1925(143)

Magnusson:1960

SEBR:see table, next page, for appropriate years

Mine: Gross (aka Cross) Coal Mine

Planning Unit: 035
AML Number: 357

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|--------------------------|------------------|--------------------------|--------------------------|---------------------------------|-------------------------|-------------------------------------|
| 1913 | 72 | 1 | 1.75 | 600 | yes | no | Paul Gross |
| 1914 | 102 | 2 | 1.60 | 400 | yes | no | Carl Podolanchuk |
| 1915 | 90 | 2 | 1.60 | 200 | yes | no | Carl Podolanchuk |
| 1916 | 60 | 1 | 2.00 | 150 | yes | no | Carl Podolanchuk |
| 1917 | 30 | 1 | 2.25 | 50 | yes | no | Carl Podolanchuk |
| 1919 | no report | | | | | | Carl Podolanchuk** |
| 1920 | "not in operation" | | | | | | Carl Podolanchuk** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.

STARK COUNTY

Planning Unit 035: AML Printout #357: T140N, R99W, Section 34, SE

Additional Legal Location: No part section

| Name: | Owner: |
|---|---------|
| Polanchek (aka Polancheck) Coal Mine (1935-1941) Polanchek, Andrew Mine (1942-1945) Andy's Coal (aka Lignite) Mine (1946-1951) | No data |

Category: Commercial/local

Type: Strip (surface)

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

Cultural Resource Site Numbers: Not formally recorded

Basic Data (excerpted from primary sources):

The first listing noted for a Polancheck Mine was in the 1935 CMID. Although this mine is not listed as closed or note operating, the 1936 CMID indicates that the Polanchek Coal Mine was a "new strip." It is possible that the original operation was abandoned and a new strip was opened near the old mine; however, the actual legal location and duration of operation of the first Polanchek Coal Mine are not known. The mine listed in the 1936 CMID was operated and reported continuously from 1937 through 1951. No listings were noted following the 1951 listing; it is not known if the mine ceased to be operated, if the mine was operated but not reported, or if the mine was operated and reported under some other name following 1951.

Descriptive information pertaining to this mine is included in:

[source:year(pages)]

None

Notes:

Brant (1953) indicates that this mine was located at T140N, R99W, Section 34; however, Brant (1953) does not provide a part section. Therefore, it is not known if this mine was located at this Planning Unit and AML location (T140N, R99W, Section 34, SE), or if the mine was situated in some other portion of Section 34.

The Gross (aka Cross) Coal Mine also is located at this Planning Unit and AML location.

Polanchek/Andy's Coal Mine (continued)

Sources (primary and secondary):

Brant:1953(51)

CHID:see table, next page, for appropriate years

Mine: Polanchek (aka Polancheck) Coal Mine
 (1935-1941)
 Polanchek, Andrew Mine (1942-1945)
 Andy's Coal (aka Lignite) Mine (1946-
 1951)

Planning Unit: 035
 AML Number: 357

| <u>Year</u> | <u>Days Operated</u> | <u>Employees</u> | <u>Price Per Ton</u> | <u>Tons Produced</u> | <u>Tons Local Trade</u> | <u>Tons Shipped</u> | <u>Owner or Superintendent*</u> |
|-------------|----------------------|------------------|----------------------|----------------------|-------------------------|---------------------|---------------------------------|
| 1935 | no data | no data | 1.50 | 300 | 300 | none | Polanchek Bros.** |
| 1936 | "new strip" | | | | | | |
| 1937 | 120 | 2 | 1.60 | 650 | 650 | none | Andrew Polanchek** |
| 1938 | 15 | 1 | 1.50 | 150 | 150 | none | Andrew Polanchek** |
| 1939 | 24 | 1 | 1.25 | 150 | 150 | none | Andrew Polancheck** |
| 1940 | 120 | 2 | 1.37 | 300 | 300 | none | Andrew Polanchek** |
| 1941 | 90 | no data | 2.00 | 400 | 400 | none | Andrew Polanchek** |
| 1942 | 128 | 2 | 2.40 | 599 | 599 | none | Andrew Polanchek** |
| 1943 | 75 | 2 | 2.50 | 900 | 900 | none | Andrew Polanchek** |
| 1944 | 105 | 3 | 2.50 | 720 | 720 | none | Andrew Polanchek** |
| 1945 | 120 | 2 | 2.50 | 800 | 800 | none | Andrew Polanchek** |
| 1946 | 150 | 1 | 2.50 | 1,300 | 1,300 | none | Andrew Polanchek** |
| 1947 | 150 | no data | 2.50 | 2,500 | 2,500 | none | Andrew Polanchek** |
| 1948 | 168 | 1 | 2.50 | 5,000 | 5,000 | none | Andrew Polanchek** |
| 1949 | 90 | 1 | 3.00 | 1,500 | 1,500 | none | Andrew Polanchek** |
| 1950 | 90 | 1 | 2.50 | 2,500 | 2,500 | none | Andrew Polanchek** |
| 1951 | 45 | no data | 2.50 | 1,200 | 1,200 | none | Andrew Polanchek** |

*Unless otherwise indicated, name listed is that of owner.

**Individual was superintendent of the mine; owner not listed.