

NAME OF PROPERTY

HASLER CREEK

OBJECT LOCATED - mine symbol on Map 795 A.

UNCERTAINTY IN METRES 100. Lat. 55°30'30" Long. 121°59'20"

Mining Division Liard District Peace River

County Township or Parish

Lot Concession or Range

Sec Tp. R.

OWNER OR OPERATOR AND ADDRESS

DESCRIPTION OF DEPOSIT

The Lower Cretaceous Gething Formation, comprising sandstone, shale, siltstone, and coal, occurs along the southeasterly trending Pine River anticline from about 3,000 feet northwest of Hasler creek to about 2 miles southeast. The anticline here is unsymmetrical; the axial plane dips about 80 degrees southwestward and plunges about 5 degrees to the southeast. On the southwest limb the dip of the beds seldom exceed 45 degrees and may flatten to 10 degrees and less within a few hundred feet. On the northeast limb the dips are from 55 degrees to more than 80 degrees, and two minor folds paralleling the major fold have been developed.

Three reverse faults having net slips of at least 200 feet have been recognized; the Hasler fault; the Goodrich fault; and a fault striking north 45 degrees west and dipping 75 degrees southwest. Their relative ages are not known.

Three coal seams of commercial thicknesses are indicated - the Discovery, the Goodrich, and the Quarter. Their stratigraphic positions are indicated on the map. See Card 2

Associated minerals or products of value

HISTORY OF EXPLORATION AND DEVELOPMENT

The mine adits driven in the 1940's are located at approximately the 2,600 foot elevation on Hasler Creek 7 miles south of its junction with the Pine River 35 miles south of Hudson Hope.

This seam was discovered in 1934 by Mr. G. Goodrich after unusually high water had removed the overburden along the east bank of Hasler Creek near the coal outcrop. No work was undertaken until the winter of 1940-41, when the seam was opened up by an adit about 15 feet above creek level and extending into the coal for 56 feet. In addition, coal was mined, by means of open-cut benches, to a height of about 50 feet above the adit. Six hundred tons were delivered to the drilling contractors at Pine River Well No. 1 at Commotion Creek. During the winter of 1942 the adit was cleaned out in preparation for mining underground, but no production was attempted. Hasler Creek Coal Co. Ltd. was incorporated in December 1943. A tipples and camp buildings were erected and a daily production of 35 tons was reached. The mine closed early in March 1944. The main adit had been driven about 280 feet with 4 cuts driven through to an upper level. Further mining was carried out during the winter of 1944-1945. The coal was shipped to Dawson Creek, the main customers being Northern Alberta Railways and the Dawson Airport. A bulk sample of 200 short tons was shipped for test purposes in 1949. The company charter was surrendered in 1957.

The Hasler Creek and Pine River areas were explored during the 1946 to 1951 field seasons by the Coal Division of the British Columbia Dept. of Lands and Forests to provide an estimate of tonnage of mineable coal that might be available contiguous to a proposed extension of the Pacific Great Eastern Railroad. In the Hasler mine area drilling was done in 9 holes totalling 5,241 feet. Based on this work reserves were estimated at 8,000,000 short tons of recoverable coal.

A 1,200 pound sample was sent to Ottawa for analysis in 1964.

120237

Mineral Development Sector, Department of Energy, Mines and Resources, Ottawa

HISTORY OF PRODUCTION

During the winter of 1940-41, 600 tons of coal were shipped to a drill site on the Pine River.

During the winters of 1943-44 and 1944-45, 3,933 tons of coal were shipped to Dawson Creek. (Refs. Paper 44-7 and Memoir 259, p. 142).

REFERENCES

- McKechnie, N.D.; Coal Reserves of the Hasler Creek-Pine River Area, British Columbia; Bulletin 36, British Columbia Dept. of Mines, 1955. +
- Spivak, J.; Geology and Coal Deposits of Hasler Creek Area, British Columbia; Paper 44-7, Geol. Surv. of Canada. ++
- McLearn, F.H., and Kindle, E.D.; Geology of Northeastern British Columbia; Memoir 259, pp. 142, 185, Geol. Surv. of Canada, 1950.
- Reports of Minister of Mines, British Columbia: 1944, p. 217; 1945, p. 175; 1946, p. 249; 1964, p. 325.
- Stott, D.F.; Dawson Creek Map-Area; Paper 61-10, p. 15, Geol. Surv. of Canada.

MAP REFERENCES

- Preliminary Map 44-7 A, Hasler Creek Coal Area, Sc. 1":
 $\frac{1}{2}$ mile - accomp. Paper 44-7.
- Map 19-1961, Dawson Creek, (Geol.), Sc. 1":4 miles - accomp.
 Paper 61-10.
- #Map 795 A, Commotion Creek, (Topo.), Sc. 1:50,000 (1944).
 Hasler Creek Coal Mine (Plan and Sections), Sc. 1":200 ft.,
 Report of Minister of Mines, British Columbia, 1945,
 p. 175.
- Hasler Mine Area, (Geol.), Sc. 1":600 ft., Fig. 4 - accomp.
 Bulletin 36.

REMARKS

Comp./Rev. By	DMacR						
Date	6-76						

PRODUCT COAL

PROVINCE OR TERRITORY British Columbia

N.T.S. AREA 93 P/12

Card 2 -
REF. COL 1

NAME OF PROPERTY

HASLER CREEK

DESCRIPTION OF DEPOSIT (continued)

graphic depths below the top of the Gething formation are about 100 feet, 150 feet, and 250 feet, respectively.

The Discovery seam has been opened for a horizontal distance of 572 feet on the northeast limb of the northeast minor fold in the Hasler mine where it shows an average thickness of 8 feet.

Here the Hasler fault forms the roof of the seam.

The coal is classified as low to medium volatile bituminous.