

# State Department of Geology and Mineral Industries

702 Woodlark Building  
Portland, Oregon

## HAY CREEK COAL PROSPECT

Jefferson County

**Owner:** Fred W. Wickman, Hay Creek Ranch, Madras.

**Location:** On the south branch of Little Willow Creek, near the center of the east half of sec. 29, T. 11 S., R. 16 E. The coal tunnel is 400 feet west of the branch, on the side of a small tributary gulch, less than one half mile up the branch from the old farmhouse and road.

**Description:** The tunnel is located only a few feet above the unconformable contact of Clarno shales and lavas above Triassic slates and graywackes, the latter outcropping over much of the southwest portion of T. 11 S., R. 16 E. and the northwest portion of T. 12 S., R. 15 E. The graywackes strike N. 70° E. and dip 70° to the southeast; the Clarno strikes N. 35° E. and dips about 20° to the southeast. The tunnel runs into the ridge south of the south branch of Little Willow Creek in a S. 70° E. direction. From the size of the dump it must have been 75 to 100 feet long, from the direction it must have been a slope on the coal. The portal is now caved for at least 30 feet.

Most of the dump material is gray ashy shale, with only a few thin plates of good coal. An analysis made by E. W. Lazell in August 19, 1928, reports the following:

Moisture	.93	percent
Volatile matter	29.64	"
Fixed carbon	45.37	"
Ash	24.06	"
Btu's, dry basis	10,150.	"

This analysis was undoubtedly taken on picked samples of the good coal, which apparently occurs in thin seams in the total bed, whose thickness is unknown.

Report by: John Eliot Allen  
20 August 1947

*Gay Creek Coal Project*

*Coal*

NAME

OLD NAMES

PRINCIPAL ORE

MINOR MINERALS

115

168

29

T

R

S

PUBLISHED REFERENCES

..... *Jefferson* ..... COUNTY

..... AREA

..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) .....

Address .....

OPERATOR .....

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY