

March 6, 1941

State Department of Geology and Mineral Industries

Northern Star

702 Woodlark Building
Portland, Oregon

FLEMING PROSPECT (gold)

UPPER APPLGATE AREA

Owner: Larabee Estate, leased by Frank Gustis, Jacksonville, Oregon

Location: Sec. ²⁰ 23, T. 38 S., R. 3 W., close to $\frac{1}{4}$ corner on S. line N.E. of Ruch ^{E $\frac{1}{2}$ E $\frac{1}{2}$ NW $\frac{1}{4}$ (TAX LOT 200)}

Area: Deed land, Mr. Gustis leased 20 acres

History: This property was formerly known as the Reed and Fletcher property. Most of the underground work was done prior to Gustis' lease.

Development: 200 ft. of cross cut and 400 ft. of drift, a hundred ft. shaft connects the drift with the surface.

Equipment: The mine is equipped with an ingenious home-made compressor powered with a Maxwell engine directly connected to a Chevrolet motor block. The Chevrolet motor has been altered as a compressor. The receiver is 3 ft. by 5 ft. and it is claimed that a hundred pound pressure can be built up in $1\frac{1}{2}$ minutes. Other mine equipment consists of small tools. Compressed air is used for running pump. The mill consists of a small Blake-type primary crusher, undersize to an ore bin, and a 10 ton Huntington mill, undersize to plates. Tailings are run over corduroy and sulfide concentrates are stock piled. The mill is powered with a Model T engine.

Geology: The country rock is diorite with a slate footwall. The quartz in the vein occurs as small kidneys. Some of the gold is free and some is in the sulfides. Gustis claims that "good ore" will assay \$25.

Ray C. Treasher
Field Geologist
March 6, 1941

FLEMING MINE

Jackson County

Visited property on 1/20/79 with Warren Fleming, youngest son of the former owner and operator. Correct name of mine is the Northern Cross and was also known as the Fletcher early in its history. Located in the E¹/₂E¹/₂NW¹/₄ of Section 26, T38 S, R3 W (NOT in Section 23 as indicated in DOGAMI file) approximately 5,000 feet ENE of Ruch at an elevation of 1,760 feet.

Property comprises rectangularly shaped, 18[?] acre parcel of deeded land measuring 2,250 feet in a north-south direction by 330 feet in an east-west direction. Northeast corner of property is same as north quarter corner of Section 26; thence due west along section line between Sections 23 and 26, 330 feet; thence due south, 2,250 feet; thence due east, 330 feet; thence due north, 2,250 feet along the center line of Section 26 to the point of beginning.

Mine was worked, in a small way, by Fleming during the Depression years. After his death, it was leased to Frank Gustis who also attempted to work it and treated some of the ore in a homemade mill that evidently was a marvel of his ingenuity. Gustis lived on the property until his death a couple of years ago (he evidently had a lifetime tenancy) and it is now in the hands of the Fleming heirs. Disposition of the property is being handled by the youngest brother, Warren, and is hampered by the fact that there is no recorded right-of-way easement to it across a portion of the Hunter ranch which separates it from the highway (Ore. 238). Warren Fleming's address: 3906 SW Kelly, Portland, Oregon 97201.

Underground workings consist of at least two, and possibly as many as four, adits and a shaft open to the surface. The collar of the latter is within 50 feet of a barbed wire fence marking the west boundary of the property at a point 100 yards or so north of the gate and near the top of a low ridge. Apparently a level was started in a southerly direction about 30 feet below the collar and the shaft is also believed to connect to the main adit driven northward from the little gulch that bisects the property. The mill was dismantled following an auction of Gustis' personal effects, held last year at the mill site.

Nature of the mineralization unknown, but almost certainly a gold-bearing quartz vein or vein-like occurrence offering little tonnage potential and high cost mining. Wall rock exposed in the shaft looks like schist.

R.C. Parker
January 21, 1979

RECORD IDENTIFICATION

RECORD NO..... M013887
RECORD TYPE..... XIM
COUNTRY/ORGANIZATION. USGS
FILE LINK ID..... CONSV
MAP CODE NO. OF REC..

REPORTER

NAME..... LEE, W
DATE..... 74 01
UPDATED..... 80 12
BY..... FERNS, MARK L. (BROOKS, HOWARD C.)

NAME AND LOCATION

DEPOSIT NAME..... FLEMING
SYNONYM NAME..... REED & FLETCHER

MINING DISTRICT/AREA/SUBDIST. UPPER APPLGATE

COUNTRY CODE..... US
COUNTRY NAME: UNITED STATES

STATE CODE..... OR
STATE NAME: OREGON

COUNTY..... JACKSON
LAND CLASSIFICATION..... 01

QUAD SCALE QUAD NO OR NAME
1: 62500 RUCH

LATITUDE LONGITUDE
42-14-33N 123-01-27W

UTM NDRTHING UTM EASTING UTM ZONE NO
4676500. 498000. +10

TWP..... 38S
RANGE.... 03W
SECTION.. 23 26
MERIDIAN. WILLAMETTE

POSITION FROM NEAREST PROMINENT LOCALITY: S1/2, ABOUT 1850 FEET ELEVATION.

COMMODITY INFORMATION

COMMODITIES PRESENT..... AU AG

FREE GOLD, SULFIDES

COMMODITY COMMENTS:

3.48 AU:AG

EXPLORATION AND DEVELOPMENT
STATUS OF EXPLOR. OR DEV. 4

DESCRIPTION OF DEPOSIT

DEPOSIT TYPES:
VEIN/POCKET

DESCRIPTION OF WORKINGS
UNDERGROUND

COMMENTS (DESCRIP. OF WORKINGS):
600 FT IN ADIT AND CROSSCUT, 100 FT RAISE TO SURFACE

PRODUCTION
YES

ANNUAL PRODUCTION (ORE, COMMOD., CONC., OVERBURD.)

CUMULATIVE PRODUCTION (ORE, COMMOD., CONC., OVERBUR.)

ITEM	ACC	AMOUNT	THOUS. UNITS	YEAR	GRADE, REMARKS
15	DRE ACC	0.101	TONS	1927, 1939-40	0.21 OZ/TON AU; 0.06 OZ/TON AG

SOURCE OF INFORMATION (PRODUCTION).. USBM

GEOLOGY AND MINERALOGY

AGE OF HOST ROCKS..... PERM-TRI
HOST ROCK TYPES..... SLATE

AGE OF ASSOC. IGNEOUS ROCKS.. JURI
IGNEOUS ROCK TYPES..... DIORITE

GEOLOGICAL DESCRIPTIVE NOTES. SMALL QUARTZ KIDNEYS OCCUR IN FISSURE VEIN WITH SLATE FOOTWALL.

LOCAL GEOLOGY

NAMES/AGE OF FORMATIONS, UNITS, OR ROCK TYPES

- 1) NAME: APLEGATE GROUP
- AGE: PERM TRI

GENERAL COMMENTS

FLEMING MINE

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R.C. Parker
January 21, 1979

Property was assessed at \$12,600 in 1975 and \$16,780 in 1978. Jackson County Tax Lot 200.



FLEMING PROSPECT (gold)

Upper Applegate area

Owner: Larabee Estate, leased by Frank Gustis, Jacksonville, Oregon.

Location: sec. 23, T. 38 S., R. 3 W., close to quarter corner on south line northeast of Ruch.

Area: Lease is 20 acres, patented land.

History: This property was formerly known as the Reed and Fletcher property. Most of the underground work was done prior to Gustis' lease.

Development: 400 feet of drift and 200 feet of crosscut; a 100-ft. shaft connects the drift with the surface.

Geology: The country rock is diorite. The vein has a slate footwall. The quartz in the vein occurs in small kidneys. Some of the gold is free and some is in sulphides. Mr. Gustis states that "good ore" will assay \$25.

Equipment: An ingenious home-made compressor is driven by a Maxwell engine directly connected to a Chevrolet motor block, converted to a compressor. The receiver is 3 by 5 ft. and it is claimed that pressure of 100 pounds can be built up in $1\frac{1}{2}$ minutes. Other mine equipment includes small tools. Compressed air is used for running the pump. The mill has a small Blake crusher and a 10-ton Huntington mill both driven by a Model T Ford engine. After the pulp passes over amalgamation plates, it passes over corduroy. Concentrates have been stockpiled.

Report by: R.C.T., March 6, 1941

REPORT

GLOVER, Inc.

ESTABLISHED 1916

ASSAYERS :: METALLURGISTS :: ANALYSTS

819 THIRD AVENUE
SEATTLE, WASHINGTON, U. S. A.

CERTIFICATE OF ASSAY

No. 25554

Date, Nov. 16th. 1932.

The Sample of ore

From Mr. W. M. Fleming, City.

Marked none

and submitted to us for analysis, contains:

General Sample.

Gold----- 1.06 ozs. per ton----- Value \$21.20

Respectfully submitted,

A. I. GLOVER, Inc.

by W. M. Fleming

A. L. GLOVER, Inc.

ESTABLISHED 1916

ASSAYERS :: METALLURGISTS :: ANALYSTS

819 THIRD AVENUE
SEATTLE, WASHINGTON, U. S. A.

CERTIFICATE OF ASSAY

No. 28640

Date, Dec. 22nd, 1917.

The Sample of Ore

From I. H. Fleming, City.

Marked none

and submitted to us for analysis, contains:

General Sample.

Gold----- 0.72 ozs. per ton----- Value \$14.40

Respectfully submitted,

A. L. GLOVER, Inc.

W. L. Clark

No. 5961

Form 42 A
TREASURY DEPARTMENT
U. S. MINT SERVICE

NOTE.—This Report is for the information of the depositor, and is of no other value.

MEMO. REPORT ON ^{GOLD}_{SILVER} BULLION deposited at the Mint of the United States at San Francisco
Sept. 5, 1940, 19, by BANK CASTLE

DESCRIPTION OF BULLION	WEIGHT		GOLD		SILVER		CHARGES Dollars	NET VALUE Dollars
	BEFORE MELTING	AFTER MELTING	FINENESS	VALUE	FINENESS	VALUE AT <u>84 1/2</u> Cents per fine ounce		
	Ounces	Ounces	1,000ths	Dollars	1,000ths	Dollars		
Amal.	1.96	1.89	638 3/4	42.25	143	.09	1.21	41.13

The net value of the above deposit is payable as follows:

- IN GOLD BARS, . \$ _____
- IN SILVER BARS, . \$ _____
- IN CASH, . . . \$ _____
- BY CHECK, . . . \$ _____

For the Superintendent.

Fine Silver, ozs. _____ fine _____

I will be a minor at the time of my death, I give, devise, and

graph one
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ON
C.
F.
otherwise
action
authority
stments
depreciati
n question