

MINE

RACHEL CONSOLIDATED

VIRTUE DISTRICT BAKER COUNTY

OWNER: Harry H. Waggoner Baker, Oregon

LESSEE: H. E. Welchel 4725 N. Williams Avenue, Portland, Oregon

LOCATION: The Rachel Consolidated Quartz Claims are situated in lot number 517 in section 7 and 9 T. 9 S; R 41 E. WM. They lie 5 miles east of Baker, Oregon.

AREA: The property consists of five patented claims, four full claims and one fraction. These claims are known as the Rachel, the Rachel Extension, Norma, Hurry-up and North Star Lode Claims. Their total area is 93 acres.

GENERAL DESCRIPTION: The claims lie 2 miles west of the Virtue Mine on gentle rolling hills. The elevation is about 3500 feet and the snow reaches a depth of 2 feet in the winter. No water or timber is available on the property.

HISTORY: The claims were located in 1890 by John, Gus and Leonard Bradbury. They built a stamp mill near the old golf links and operated it for several years. The mill burnt (date unknown) and the Bradbury Brothers abandoned their claims. No record of production is available.

About 1900 a Mr. McCoy built a 10 stamp mill near the power house in Baker. Later he moved the mill to the property. It has been said that he took \$90,000 from a rich stringer. In 1907 Bob Carter took an option on the property, but did no work. The property reverted to McCoy's daughter, May.

In 1926 Henry Newton acquired tax title to the property. Very little work was done and 1935 he lost the title by non-payment of taxes. Mr. Harry H. Waggoner, the present owner, acquired tax title in 1935. At present Mr. H. E. Welchel of Portland, Oregon has an option on the property and is trying to promote it.

A production of \$150,000 is claimed for the property.

DEVELOPMENT: One drift, about 120 feet long is open for inspection. An inclined shaft and several tunnels ~~were driven~~ *were driven* on the property, but all are caved.

GEOLOGY: The country rock is a highly altered diorite. The veins vary in width from 6 to 18 inches, strike approximately N. 45° W. and dip 44-50° NE. They are filled with quartz, gouge and a minor amount of calcite. Several small quartz stringers intersect the main vein and appear to strike S. 60° E. and dip 20° to 30° N. The gold is free. No sulfides were observed.

Informant Henry Newton, MK-2 8/7/40

Shy R. Lancaster.

REMARKS:

All of the old workings are caved and inaccessible. One more recent tunnel is open and a few pits expose small quartz stringers. In all, there is not work open to properly evaluate the property. However, there is not enough of the vein showing to encourage one to do further development work.

Hugh K. Lancaster

RECEIVED
AUG 9 1940

STATE DEPT OF GEOLOGY
& MINERAL INDS.

RACHEL CONSOLIDATED QUARTZ CLAIMS

		oz Au	Dollars Gold	oz Ag
ABF	157 Sample taken near face of upper tunnel dip 44° N E. Highly oxidized - some quartz	0.28	\$9.80	0.2
ABF	158 Upper tunnel Rachel Claims 15' S of 157 12" gouge+small amount of quartz.	0.12	4.20	0.1
ABF	159 Upper tunnel Rachel Claims 30' S of 157. quartz and gouge highly oxidized and colored with iron oxide.	Tr		Tr
ABF	160 3" quartz stringer S 60° E of upper tunnel in winze. Dip of vein 30° N.	8.30	290.50	3.6
ABF	161 Grab sample from dump at upper tunnel on Rachel claim.	0.28	9.80	0.2
ABF	162 Sample from face of upper tunnel Rachel Claims 12" limestone and schist.	0.58	19.60	0.2
ABF	163 Grab from shaft dump. Broken quartz with small amount of limonite 8" wide in shaft. Could not sample vein as most of shaft was caved.	Nil		Nil

L. C. Richards
Assayer

ASSAY REPORT FROM L. C. Richards,
ASSAYER

VIRGUE DIST

	<u>Rachel Consolidated Quartz Claims.</u>	OX. AU	DOLLARS Gold	OX. Ag
ABF 157	Samples taken near face of upper tunnel dip 44° NE. Highly oxidized - some quartz.	0.28	\$9.80	0.2
ABF 158	Upper tunnel Rachel Claims 15' S of 157 12" gouge - small amount of quartz.	0.12	4.20	0.1
ABF 159	Upper tunnel Rachel Claims 30' S of 157. Quartz and Gouge hily oxidized and colored with iron oxide.	Tr		Tr
ABF 160	3" quartz stringer S 60° of upper tunnel in winze. Dip of vein 30° N.	8.30	290.50	3.6
ABF 161	Grabe Sample from dump, at upper tunnel on Rachel Claim.	0.28	9.80	0.2
ABF 162	Sample from face of upper tunnel Claims 12" limestone and schist	0.56	19.60	0.2
ABF 163	Crab from shaft dump. Broken quartz with small amount of limestone 8" wide in shaft. Could not sample vein as most of the shaft was caved.	Nil		Nil

WORKINGS OF THE CONSOLIDATED GOLD MINE

This report is from the last foreman that worked in the RACHER CONSOLIDATED Gold mine.

Blacksmith tunnel, 700ft long. NO.1, tunnel 500ft long, No. 2 tunnel North 400ft long, possibly 500ft South 300ft. No.3 tunnel 200ft North, 100ft South, No.5 tunnel North about 50ft.

Water in mine dont quite raise to the 500ft level. Shaft about center of large hole, surfice caving is all, which is considered to be around 60ft Shaft timbered all the way down. Down inthe Mine there is 4 or 5 ore cars, a goog force pump steam operated, but dont know the condition of said pump. water dont come in fast more like a heavy seepage. There is about 2000ft of steel railing in the mine. Very little stopping has been done. Vein at bottom is about 16 or 18 inches wide, which assays 12 dollars under the old price of gold at \$20.67 per ton. A raise from No.1 tunnel to blacksmith tunnel. He also stated that the mine would warrant the spending of \$3,500.00 this estimate was pre-war estimate, in opening the mine. This Mine is located about 6 and 1/2 miles East from Baker Oregon, and has 4 and a fraction quarts clames or 93 acres more or less. This Mine is free from in-debtidness.

The Sanfrancisco Milling and Smelting Company have stated the they milled ore from this Mine up to \$150,000.00, they also asserted that they were confident that all of the ore from the mine was not shipped to them.

See Also
 Duplicate Letter
 following
 R

Baker, Oregon December 22nd, 1936

TO WHOM IT MAY CONCERN:

Following:- Please find the results of my visit to your Property, The Rachel Consolidated Quartz Claims.

LOCATION

THE Rachel Consolidated Quartz Claims are situated in Lot No. 517 in sections 7 and 8, Township 9, F. R. S. R. 41. East 6 and 1/2 miles from Baker, Oregon, in Baker County, State of Oregon, and on what is known as the Virtue Range in the famous Virtue Mining district. The Rachel is 2 miles west of the old Virtue mine which has produced over 10,000,000 dollars and well known to the mining public.

Number of Claims

The property consists of a group of four three full claims and one fraction. The Rachel is U.S. patented, which consists of 93 acres namely The Rachel, Rachel Extension, Norma, Hurryup, North Star, Lode Claims.

Title

The title is vested with Harry Waggoner of Baker, Baker County, Oregon, the records show these titles to be clear and perfect. No encumbrances against the property whatsoever.

Historical Notes

The Rachel Consolidated Mine was worked several years ago or in other words during the boom days of the Virtue Mine above referred to, according to good information gained from foreman and miners who worked on the lower levels claims that the vein was 3 to 4ft wide and averaged \$12.00 per ton, this price is at gold \$20.67 per ounce. which could not be handled at a profit owing to the high cost of operation and transportation with the low percentage of extraction ## with the mining machinery at that time. Which would be wonderfully milling ore at the present time as ore can be mined and milled with present machinery at a cost not to exceed \$3.50 per ton. With extraction as high as 95 per cent of the total assay value.

Topographical Notes.

The general aspect of the Virtue District, in which the Rachel is situated, can be characterized as a country of rolling hills broad valleys and plateaus, no timber. Covered with Sage brush.

Working history

According to letters, and men who worked in the mine through-out the operation claims the production to be over \$150,000.00 mark. Mill and all other buildings have been removed or destroyed by the elements. According to working records shows that there is about 3000ft of drifts run on the different levels from the main shaft, which is on the Rachel. This shaft is 800ft deep in depth on an incline which gives a vertical depth of 515 feet.

On each 200ft level drifting on the vein has been done just what has been done on each level is impossible to say correctly, as the shaft has caved down to about 60 feet from the surface and one is unable to gain entrance, the shaft also contains water. I am informed that there is about 2000ft of track on the different levels, and one pump, and 3 or 4 mine cars in the mine on the lower levels. There is sufficient water for a 50 ton mill.

Structural Geology

I wish to make mention that I shall not go into the details of geology as this District is well known to the mining public. However, the geological shown the Virtue Mining District proper may be resumed as follows; a trapezoidal area of a post triassic formation principally consisting of granite, granodiorites, diorutes, diabase and green stone through out the district.

OPINION

Under careful consideration and close inspection of the surface I find the condition very favorable for The Rachel Consolidated to be one of the producers of dividends. And to that end do recomend it to the mining public, as one of the properties that warrant the spending of sufficient money to develope same. Iam at liberty to say that the same can be had at a price that makes it interesting proposition.

EXPLINATION

I wish to call attention to assays herebelow given, and have been taken from the surfacr workings of the Rachel Consolidated Mine at different points.

No.	Gold Oz	Value	Width taken
1	.40	\$14.20	1 ft
2	.59	20.65	10 inch
3	.74	25.90	1 ft
4	.10	3.50	2 ft
5	.25	8.75	1½ ft
6	.16	5.60	1 ft
7	.45	16.75	10 inch
8	.30	10.50	1 ft
9	Trace		2 ft
10	.32	11.20	2 ft
11 picked special	1.84	64.40	----
12	.14	4.90	2 ft
13	.28	9.80	6 inch
14	.21	7.35	Stope 2½ ft
Upper stope 15	.54	18.90	3 ft

I wish to explain that the Virtue Mining District is one of the high grade districts of the U.S.A/ and I find The Rachel Consolidated property to have high grade in different places, and from information gained I have been informed under operation this property extracted several high grade in different places, and from information gained I have been informed under operation this property extracted several high grade bunches, as to the the amount of this high grade I could not give the figures.

Closing

The Rachel Consolidated property as developed upto the present warrants further exploration considering.

1 the permancy of the vein, 2 The steady values of ore shown on surface and to the lowest workings examined, 3 The weather conditions, being able to work throughout the year, 5 The full understanding of the geological. I see no good reason that this property should not invite the attention of the mining world for consideration.

Yours truly
A.P.Toney, E. M.

Rachel Consolidated Quartz Claims

Gold

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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9 S	41 E	7-8
T	R	S

PUBLISHED REFERENCES

Dogami 14-A, page 108

Baker COUNTY

Virtue AREA

3500 ELEVATION

..... ROAD OR HIGHWAY

5 miles Baker DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) H. A. Waggoner

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Address Baker, Oregon

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OPERATOR

Name of claims	Area	Pat.	Unpat.
5 claims		x	

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

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RACHEL CONSOLIDATED QUARTZ CLAIMS
(Gold)

Virtue District

Owner: Harry H. Waggoner, Baker, Oregon.

Located in secs. 7 and 8, T. 9 S., R. 41 E., 93
acres patented lands. Width of vein 1 to 3 feet.
Production claimed \$150,000. Developed 800 feet
on incline at 200-foot intervals with 3,000 feet of
development. All building and equipment gone.
Geology similar to other properties in the district.

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