

State Department of Geology and Mineral Industries

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APR 29 1946
STATE DEPT OF GEOLOGY
& MINERAL INDS.

702 Woodlark Building
Portland, Oregon

Report by: N. S. W.
Date of Exam: April 22, 1946

High Bar Placers of Pine Creek (gold)

Upper Burnt River
Baker County

Operator & Lessee: L. A. Hoalst

Grand View, Idaho

R. M. Davidson

Warm Springs Ave., Boise, Idaho

Fred Bower

Boise, Idaho

These men are working under a partnership agreement at the present time but steps are being taken to incorporate in Idaho as the Pine Creek Placer Company.

Owners:

John & Mrs. Wyant

Hereford, Oregon

W. L. Meeker

Salem, Oregon

Dr. Boyer

Portland, Oregon

Location & Area:

T 12S, R 39E, Sections 10, 15, 21 & 22 as follows:

- X High Bar Group--160 acres, 10 of which are in S. 10 with the remainder in the $\frac{1}{2}$ S. 15.
- X Purple Sage Group--80 acres in S. 15.
- X High Bar Extension--40 acres in S. 15 & 22.
- X High Bar Fraction--between 30 & 40 acres in S. 15 & 10.
- X Right of way Group--80 acres in S. 22 & 21.
- X Lookout Group--40 acres in S. 10.

Forward:

These claims are situated on the crest of the high sage-covered ridge west of Pine Creek at an elevation of 4,600 feet. Excessive snowfall renders them unworkable during the winter months and water which must be brought from Pine Creek is normally available only during the Spring. Early day gulch mining and several unsuccessful attempts to "dry wash" constitute the history of operations on these claims. Before the war restricted gold

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High Bar Placers of Pine Creek -2-

mining activities and by way of testing this ground to check reported results of previous prospecting, the present lessees hauled to a washing plant in Pine Creek, 120 yards of this gravel from two places on the bar. On the basis of this work they are now engaged in setting up the plant described in this report.

Geology:

Gilluly, U.S.G.S. Bull. 879, regards this deposit as a Pleistocene bench gravel capping Tertiary sediments. The gravels include lava, quartz, schist, and greenstone rock types in sizes ranging to large boulders two feet or greater in diameter. From the test run conducted by the lessees an estimated 10% of the material handled consisted of boulders $1\frac{1}{2}'$ or greater thru and 25% was found to be fines in the minus $5/16''$ range.

Stratification in the bar is poor to absent and the indications are that the gold, which is quite fine in size, is distributed thru out the gravel from the grass roots down.

Whether a lava bed exposed on the side of the hill or superimposed Tertiary lake beds, constitute the true base of these gravels, and at what depth, is yet to be established. The greatest established depth is 26' with gravel still in the hole.

From a surface standpoint this bench covers almost all the acreage comprising these holdings.

Mining & Equipment: Three miles of ditch with a 100 miners inches capacity has been constructed from Pine Creek to four reservoirs on the property.

Mining is to be done dry by a $3/4$ yard diesel powered Speeder shovel and the gravel transported dry to the hopper on a portable washing plant situated in the pit with the shovel.

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High Bar Placers of Pine Creek

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The washing plant is to be equipped with a trommel screen with 5/16" holes. Water is first played on the gravel in the hopper with added amounts introduced in the trommel.

The minus 5/16" fines from the trommel are to be pumped by a 4" hydroséal from the pit to the surface where they will pass thru 200 feet of boxes before reaching the riffles.

A 43 K.V.A. Caterpillar Diesel Electric Plant delivers power for the trommel, pumps, stacker, etc. The washing plant is equipped with a hydraulic leveler hoist and two 50' lengths of 4" rubber pipe for the sands and fresh water provides the plant with a latitude of 100' before the flume must be moved. Water will be recirculated from the various settling reservoirs and mixed with fresh water.

This plant as described is completely set up and ready to operate, awaiting only delivery of the trommel screen which has been ^{lost} in transit. A three man crew will be required and plans are to work two, ten hour shifts.

NOTE:

**SEE PICTURE FILE FOR
PHOTOS OF PLANT.**

NAME: High Bar Placer, Herford District, Baker County.

OWNERS: John Winant, Herford; W. E. Meeker, Salem; and, Dr. C. O. Boyer, Portland.

LOCATION: West side of Pine Creek, workings at elevation of 4500 ft., 300 ft. above Pine Creek, in sections 15 and the north half of 22, township 12 south, range 39 east.

AREA: 160 acres owned jointly. 80 acres adjoining to the west owned by John Winant, Jr.

HISTORY: Located in 1916 and 1917. Worked in 1935 by Charles Silbaugh, Pendleton. Gulches from this placer worked in early days.

EQUIPMENT: Dragline carry^{red}~~ing~~ gravel to the edge of the flat where it was shoved by bulldozer through grizzly to bin. Huelsdonk dry concentrator 6 ft. wide and 30 ft. long, run by Mack truck engine. ~~This was a lovely gadget but it probably never worked.~~ There were also on the property small 5 ft. testing mechanical blower concentrator. Also two 12 ft. Stebbins dry concentrator~~s~~.

GEOLOGY: Gold is said to be very fine. The gravel composed of large boulders of lava, quartz and schist~~is~~ with large~~r~~ amounts of flat small pieces often very hard packed and may require blasting. The gravel is at least 10 ft. thick, the bottom not seen. It lies on bedrock lavas dipping gently southward. Almost no test pitting has been done.

DATED: April 7, 1938

JEA

High Bar Placer

Gold

NAME		OLD NAMES		PRINCIPAL ORE	MINOR MINERALS			
12S	39E	10, 15, 21, & 22		<u>PUBLISHED REFERENCES</u>				
T	R	S		Dogami 14-A				
Baker		COUNTY		Gilluly, Bull. 879, page 105				
Upper Burnt River Dist.		AREA		<u>MISCELLANEOUS RECORDS</u>				
4600		ELEVATION						
		ROAD OR HIGHWAY						
		DISTANCE TO SHIPPING POINT						
PRESENT LEGAL OWNER (S)		John Wyant		Address				
		W. E. Meeker		Hereford, Oregon				
		Dr. C. C. Boyer		Salem, Oregon				
				Portland, Oregon				
OPERATOR		Pine Creek Placer Co.		L.A. Hoalst, Grandview, Idaho				
Name of claims		Area	Pat.	Unpat.	Name of claims	Area	Pat.	Unpat.
High Bar Group		160 acres		X	Right of Way Group		80 acres	X
Purple Sage		80 acres		X	Lookout Group		40 acres	X
High Bar Extension		40 acres		X				
High Bar Fraction		30-40 acres		X				
<u>EQUIPMENT ON PROPERTY</u> See Report--over								

Simple Sage (flacc)

NAME

OLD NAMES

As
PRINCIPAL ORE

MINOR MINERALS

12S

39E

Tim Creek

T

R

S

PUBLISHED REFERENCES

Jozamin 14 A

John

COUNTY

Upper Brunt River

AREA

ELEVATION

MISCELLANEOUS RECORDS

ROAD OR HIGHWAY

DISTANCE TO
SHIPPING POINT

PRESENT LEGAL OWNER (S)

Norma Huntington

Address

Hanford Oregon

OPERATOR

Name of claims

Area

Pat.

Unpat.

Name of claims

Area

Pat.

Unpat.

EQUIPMENT ON PROPERTY

THE PURPLE SAGE

UPPER BURNT RIVER DISTRICT:

On Pine Creek, ~~is~~ 35 miles southwest on the John Day Highway from shipping point, Baker, Oregon, ~~on the Union Pacific and old Oregon Trail~~. Located 14 years ago, and has been a moderate producer ever since. Consists of 180 acres placer ground, recorded in Baker county. Owner is Norma Huntington, Hereford, Oregon. (Prescott---6/1/37).

Pine Creek Placer Company--see High Bar Placers

Gold

NAME	OLD NAMES	PRINCIPAL ORE	MINOR MINERALS
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12S	39E	10, 15, 21, & 22
T	R	S

PUBLISHED REFERENCES

Dogami 14-A
 Gilluly, Bull. 879, page 105

..... Baker COUNTY
 Upper Burnt River Dist. AREA
 4600 ELEVATION
 ROAD OR HIGHWAY
 DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

Address Hereford, Oregon
 Salem, Oregon
 Portland, Oregon
 L. A. Hoalst, Grandview, Idaho

PRESENT LEGAL OWNER (S) John Wyant
 W. E. Meeker
 Dr. C. C. Boyer
 Pine Creek Placer Co.
 OPERATOR

Name of claims	Area	Pat.	Unpat.

Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

HIGH BAR PLACER

UPPER BURNT RIVER DISTRICT:

On Pine Creek, 32 miles southwest, on the John Day Highway, from shipping point, Baker, on the Union Pacific and Old Oregon Trail. Located 20 years ago, and includes one placer recorded in Baker county. Good pay in the gravel; water scarce; and a dry washing device needed. This 160-acre claim is owned by C. C. Boyer, W. S. Meeker, and John Wyant and wife. Wyant's address is Hereford, Oregon.

(Prescott----6/1/37).

HIGH BAR PLACERS OF PINE CREEK to accompany

Report by; N.S.Wagner
Date of Exam; April 22, 46

Pictures of Plant taken June 6, 1946



HIGH BAR PLACER

Upper Burnt River Area

Owners: John Wyant, Hereford; W. E. Meeker, Salem; Dr. C. O. Boyer, Portland.

Location: West side of Pine creek, workings at elevation of 4,500 feet; 300 feet above Pine creek, in sec. 15 and the north half of 22, T. 12 S., R. 39 E.

Area: 160 acres owned jointly. 80 acres adjoining to the west owned by John Wyant, Jr.

History: Located in 1916 and 1917. Worked in 1935 by Charles Silbaugh, Pendleton. Gulches from this placer worked in early days.

Equipment: Dragline carried gravel to the edge of the flat where it was shoved by bulldozer through grizzly to bin. Huelsdonk dry concentrator 6 feet wide and 30 feet long run by Mack truck engine. There were also on the property a small 5 foot testing mechanical blower concentrator, and two 12-foot Stebbins dry concentrators.

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Informant: Mrs. J. Wyant, via J. E. A.