

State Department of Geology and Mineral Industries

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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 carrying ^{red} 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 concentrators.

GEOLOGY: Gold is said to be very fine. The gravel composed of large boulders of lava, quartz and schists with large 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 PRINCIPAL ORE MINOR MINERALS
NAME

12S 39E 10, 15, 21, & 22
T R S

PUBLISHED REFERENCES

Dogami 14-4
Chiluly, Bull. 879, page 105

MISCELLANEOUS RECORDS

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

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

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

Name of claims Area Pat. Unpat.
High Bar Group 160 acres X
Purple Sage 80 acres X
High Bar Extension 40 acres X
High Bar Fraction 30-40 acres X

Name of claims Area Pat. Unpat.
Right of way group 80 acres X
Lookout Group 40 acres X

EQUIPMENT ON PROPERTY See Report--over

4/26

Joseph Sage (Placer) Oh MINOR MINERALS
 NAME OLD NAMES PRINCIPAL ORE

125 39 E Jim Creek
 T R S

PUBLISHED REFERENCES
Sogami 14 A

Upper Brent River COUNTY
 AREA

MISCELLANEOUS RECORDS

ELEVATION
 ROAD OR HIGHWAY
 DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) Wm. Huntington Address Windsor, 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
NAME OLD NAMES

Gold
PRINCIPAL ORE MINOR MINERALS

12S 39E R 10, 15, 21, & 22 S

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Chilluly, Bull. 879, page 105

Baker..... COUNTY

Upper Burnt River Dist..... AREA

4600..... ELEVATION

..... ROAD OR HIGHWAY

..... DISTANCE TO SHIPPING POINT

MISCELLANEOUS RECORDS

PRESENT LEGAL OWNER (S) John. Wyant.....

..... W. E. Seeker.....

..... Dr. C. C. Boyer.....

OPERATOR Pine Creek Placer Co.....

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

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 FINE 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.

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