State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

May 21, 1941

PRESIDENT (EL CAPITAN) CLAIMS
(gold and stibnite)

Bohemia District, Lane County

Location: Center of the E. 1/2 Sec. 23, T. 23 S., R. 1 E. W. N.

Area: Four unpatented claims and power site.

Owner: W. B. Patton, Culp Creek, Oregon.

History: This property is said to have been first located in about 1898 by
A. P. Churchill. Since 1926 it has been owned by Patton who has done some work
on the tunnels, mostly development. It produced between four and five hundred
dollars in gold.

Development: The vein has been exposed by open cuts at intervals of 200 feet
for over a thousand feet. There are two tunnels, the upper one is 83 feet above
the lower and was caved when the property was visited. It is reported to be 160
feet long. The lower tunnel is 120 feet long, and strikes N. 70° W.

Geology: The country rock is volcanic breccia and lava flows with an intru-
sion of dioritic rock just SW of the property and andesite across the creek to the
SE. Dips in the rock are to the east. The oxidized portions of the vein gave free
gold concentrates of values said to be up to $1,500 a ton, plating $135. Vein dips
steeply south, and approaches vertical. It strikes about N. 70° W. In the lower
tunnel the vein is from 15 to 30 inches in width and consists of two portions: the
oxidized gold-bearing portion of the vein contains pyrite, chalcopyrite, galena,
and sphalerite in a matrix of vuggy quartz breccia with calcite crystals lining
secondary cavities; and the stibnite-bearing portion consisting of blades and clus-
ters of stibnite crystals in white silicified breccia. The former portion runs
from 5 to 15 inches in width, the latter portion from 10 to 20 inches. Two samples
were taken and assayed as follows:

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PRESIDENT (El Capitan) Claims (continued)

1. From face of tunnel
   - 5" hanging wall-rock
   - 5" quartz vein-matter
   - 10" stibnite-bearing footwall

2. From stope 75' from mouth
   - 10" hanging wall-rock
   - 10" sulphide vein-matter
   - 5" oxidized vein-matter
   - 6" stibnite-bearing footwall

At no place was the stibnite-bearing footwall definitely cross-cut. About 10 tons of stibnite ore, which should run at least 25% stibnite, lies on the dump. About 450 feet in elevation above the President workings the vein is said to intersect the Pilot Rock ledge originally owned by Crockran and now owned by John Woodard.

Miscellaneous: The country is very rugged with a relief of over 2,000 feet and slopes 7 to 30°. It is fairly well timbered and ample water is available from a tributary of St. Peter Creek which crosses the vein near its center. The next road is that at the Musick Mill, a distance of about one mile air line or at least two miles by any projecting road grade. The property is at an elevation of 5,900 feet and the Musick road is at an elevation of 5,000 feet.

Informant: W. E. Patton

Report by: J. E. Allen
El Capitan President Claims

Location: Centre of E 1/2 Sec. 23; T. 23S., R. 1E, E1.3900', Bohemia Mining District.

Owner: W. B. Patten, Culp Creek

Area: A claims and power site has been the owner, the work has been

History: 1898 Patter since 1926. Mostly development only.

Produced 400-500' by A. P. Churchill, located

Equipment: 2 stamp mills & sluice & plates. Blacksmith shop, ore cars, etc.

Geology: Upper: oxidized, free gold core up to \( 1500 \) oz. Plates \( 125 \).

Subite, less sphal. & galena, 32' long ave. 8"-20" wide.

Vertical (3-5' per) Reopened veins

Sulfide in oxide zone. Intersected 450' above workings by Pilot Rock ledge (Cockrant) now John Woodard

Dec. Open-cutted every 200', 140' lower drift 78'3' diff.

160' upper " 78'3' diff.

Dr. W. B. Patten.

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