

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

BASIN MINE

**EAGLE CREEK DISTRICT
BAKER COUNTY**

The following is supplemental to a report by the above title
by N. S. W., Nov. 21, 1947

Pockets have been found on this property and also on similar veins in the region. However, such production as has been made from this rathole is an unknown quantity with the evidence at hand indicating that the value of this production is small as compared to the volume of underground workings made in order to recover it. Thus, while by the present course of blind development, an operator might stumble on a bunch of ore, after but little work, it is also possible (and probable) that a large sum of money could be easily expended for the recovery of but modest return. I frankly told King and Sullivan these, my conclusions, and in about as many words, with the added recommendation that they quit their blind diamond drilling in favor of re-opening the old workings for the purpose of making them available for examination. They concurred in this conclusion and I understand, began the re-opening job before pulling out for the winter. I know they contacted Farrel Anderson, M. E. about engaging his services in the Spring.

N. S. Wagner
Nov. 21, 1947

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State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

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STATE DEPT OF GEOLOGY
& MINERAL INDS

BASIN MINE (AU)

Eagle Creek District
Baker County

Foreword: The examination of this property was made on a request basis on October 3rd, 1947. The following data supplements the account of this mine as given in Bulletin 14A.

Operator Basin Mine Inc., address c/o A. N. King, Rt. 1, Box 157, Vancouver, Washington. This company was incorporated in the state of Washington in ^{May} 1947. It is owned solely by Mr. King, who is president, and Mr. F. H. Sullivan, who is Secretary-treasurer. This company owns a permanent half interest in the property, and at present has a lease on the the other half interest with option to buy.

Owners The above named corporation, half interest, and Mr. Bert Sturgill, address, Baker, Oregon.

Location T 6 S; R 43 E; Section 29. A fine, recently constructed, main line logging road passes within a few hundred feet of the mine, and the property is 8 miles from Pondosa via said road.

Development During the summer of 1946 an old crosscut tunnel was extended by Sullivan and Sturgill. Continued work on this tunnel, including two exploratory raises and some diamond drilling, was performed by the present operators. Some surveying was also done in an attempt to tie the present development in with the old workings.

Geology The crosscut under consideration here is the same crosscut mentioned in the 14A report. The objective in continuing it was to expose one of the main veins of the old workings which was believed to have extended through the area now opened by the recent development. No new vein of apparent consequence was exposed by this recent work, nor has other conclusive evidence been revealed to further establish the relationships between veins previously exposed in this crosscut to those existing in the old workings.

The old workings are at present inaccessible (but the main tunnel is presumably caved at the portal only). Further, there is no geologic map covering the conditions existing in these workings. Although a survey plan of the workings as such exists, differences in opinion also exist as to the correct interpretation in connection with the location and degree of inclination of one or more underground inclines which reportedly occur and which are not clearly distinguished on the map from the drifts and crosscuts. Thus, little data exists on which to make a positive tie-in between the geology of the tunnel and that of the old workings, and accordingly until the old workings are made available for geologic study and re-survey, the potentialities of the crosscut in terms of developing new ore remains problematical.

Report by N. S. Wagner
Date of examination, Oct. 3, 1947
Date of report, Nov. 21, 1947
Informants, Sturgill, King and Sullivan

BASIN MINE

SANGER DISTRICT:

Is 7 miles east from shipping point, Pondosa, Ore., on a branch of the Union Pacific, and 32 miles from Baker, Ore. A secondary highway from Baker to Medical Springs. Mine was located many years ago, and consists of 7 lode unpatented claims, recorded in Baker county, and 40 acres of deeded timber land. Located in high mountain area; country rock is diorite, hanging wall of granodiorite, footwall of diorite; vein strata bearing northwest and southeast; width 8 inches, length undetermined. Mineral is gold, assays at \$8 to \$50. Water ample; power generated at mine from water wheel; timber on claims. Two men are developing at present. There is one shop, 2 cars and 1000 feet of tunnels. Owner is C. L. Palmer, Baker, Ore. (Prescott--6/1/37).

A. D. Sturgill and C. L. Palmer, developing the Basin mine in the Sanger district, 37 miles northeast of Baker, are taking out gold ore from raising work. Three veins have been defined.

NAME		OLD NAMES		PRINCIPAL ORE	MINOR MINERALS			
7 S	43 E	29		<u>PUBLISHED REFERENCES</u>				
T	R	S		Lindgren 01:738				
Baker		COUNTY		Gilluly, Reed and Park 33:68				
Eagle Creek		AREA		Dogami 14-A, page 44				
		ELEVATION		<u>MISCELLANEOUS RECORDS</u>				
8 miles to Pondosa		ROAD OR HIGHWAY		Plan map of old workings by Philo H. Anderson and Henry Milton, Dec, 17-19, 1929 in possession of owners and also in Anderson's files.				
		DISTANCE TO SHIPPING POINT						
PRESENT LEGAL OWNER (S)		Basin Mine, Inc. half interest		Address c/o A. H. King, Rt. 1 Box 157 Vancouver, Wash.....				
		Bert Sturgill half interest		Baker, Oregon				
OPERATOR		Basin Mine, Inc.		As above				
Name of claims		Area	Pat.	Unpat.	Name of claims	Area	Pat.	Unpat.
7 claims				x				
40 acres deeded land								
<u>EQUIPMENT ON PROPERTY</u>								