

Kenneth Grabner of Willow Creek, Oregon, is reported to be shipping gold ore from the **Cliff** mine eight miles northeast of Baker. Production is coming from two levels and a drift is being run 80 feet below the upper tunnel north along the vein. Tungsten showings are said to have been found at the bottom of the 200-foot shaft and further work may be done on this level.

Regular production of 50 tons of gold-silver ore is expected to be reached soon at the **Simmons** mine near Cornucopia, Oregon. The 4,000-foot tramway is being repaired, after which ore will be trammed to a point 1,250 feet below the mine workings from where it will be trucked 2½ miles to the Cornucopia mill. Held by Leverett Davis, 727 McIntyre Building Salt Lake City, Utah, the mine is being operated by the Callahan Zinc-Lead Company of Idaho. Donald Henderson of Halfway is superintendent. Eight men are employed at present, but about 10 more will be employed when the mine is in full production.

Milling is scheduled to be started at the **Macy** mine 11 miles northwest of Richland, Oregon, early in August. The property was recently taken under bond and lease by Thomas A. McBride, Cliff Harris, and Kenneth Kobs, all of Kellogg, Idaho, and Louis Chesnick, Box 784, Baker, Oregon. Deeper development is planned for the mine, the first step of which will be to continue a 140-foot crosscut to a length of 530 feet. The crosscut, which opens the property 335 feet below the upper workings of the mine, disclosed an unknown vein and the continuation is expected to further explore and develop the ore.

Lease operations on the **Cracker Creek** Gold mines during the past year are stated

have averaged 10 carloads of gold ore monthly. The properties include the E. and E., Columbia, Tabor Fraction, and North Pole claims in the Bourne district west of Baker, Oregon. John Arthur of Baker holds the lease and subleases to a number of operators. Hal Bradley employs four men on his lease on the E. and E.; Harry Guyer has two men on his part of the Columbia; the Myer-Ingle lease, held by Ray Myer, Glen Ingle, Jerry A. Herdlick, Frank DeMerrit, Waldo Douglas, and Wesley Bradley is on another section of the Columbia; and David Arthur and Billy Pierce operate a lease on the North Pole mine. Because there is no milling plant available, ore of sufficiently high grade is shipped to the Tacoma smelter for treatment.

Deeper development work is being undertaken at the **Cougar-Independence** mines four miles north of Granite, Oregon. The shaft will be extended to open a new level below No. 5 and will be bottomed 400 feet below the collar. No. 5 level, the present lowest, is 250 feet below the No. 3 level. Most of the present mine production is coming from the No. 2 level. A crew of about 60 men is employed and 90 tons of ore are mined and milled daily. Concentrates are trucked 50 miles to Baker for shipment over the Union Pacific railroad to Idaho for smelting. G. P. Lilley of Baker is general manager.

Mill construction is scheduled to be started in September by the **U. S. Metals, Inc.**, which holds the Bayhorse group of four silver claims on the Oregon side of the Snake River nine miles north of Huntington. The plant will have a 100-ton daily capacity and will be operated on power from the Idaho Power Company which has a power line crossing the property. Ralph L. Magney, 420 Realty Building, Spokane, president and John L. Magney, 3924 North Washington Street, Spokane, is consulting engineer.

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