

The Log Cabin Mining Company is preparing to start production with its new gold dredging plant from its holdings leased from the Oregon Lumber Company near Whitney, Oregon. A 1¼-yard dragline shovel will be used for digging and the washing plant is on four truck wheels in front with self-propelled caterpillar tracks in the rear. This mounting was so designed because of the shortage of water in the area. The washing plant is a conventional one, equipped with trommel, sluices, and stacker. Fred Raney, Baker, is manager and associated in the lease. He designed the equipment and supervised its construction.

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Log Cabin Mining Company—The new washing plant designed and built in Baker by Fred Raney, a member of the company, is now on the ground. The plant with trommel, stacker and sluices is on wheels with caterpillar treads in the rear. It has a new feature for this type of washing plant in that the caterpillar tracks can be connected to the engine on the plant so that it can be moved along the bedrock on its own power. A dragline shovel—1¼ cu. yd. capacity—is used in digging the gravel.

Log Cabin Mining Company Has New Dredge on Wheels

A gold dredge on wheels. Such is a machine that has been constructed in Baker during the spring months and is now ready to be moved to the scene of its operation near Whitney. The machine has been built for the Log Cabin Mining Company, comprised of W. E. Beckwith, Fred Raney and associates. It was designed and constructed under supervision of Mr. Raney.

The Log Cabin company has a lease on 7000 acres of Oregon Lumber Company land in the vicinity of Whitney and it is the purpose to test the land for placer gold and mine same. A dragline shovel—1¼ cu. yd. capacity—will be used in digging the gravel which will be washed in the conventional manner to recover the gold.

The area to be mined is short of water and for this reason it was decided to mount the washing plant on wheels. Four large truck wheels were used in front with caterpillar tracks for the rear. Thus the plant can be moved along the bedrock on wheels and the bedrock worked dry, which is considered to be an advantage for the operation.

It is a complete portable gold washing plant with trommel for separating the coarse gravel from the fines, sluices for catching the gold and stacker to dispose of tailings. In fact, it is a gold dredge on wheels.

The machine has been completed and the job now is to move it to the site of its operation. Tests that have been made and the ground has shown favorable values. While water is not plentiful except for a short time in the spring months, by building reservoirs and pumping back a part of the water to use it over it is believed a successful operation can be developed.