The Pacific Placer Company has about 1800 acres under lease from various land owners. Some of the land owners and their holdings are as follows:

- Murray Horton 200 acres
- R. S. Fields 160 acres
- Boswell 100 acres
- Joseph Conland
- and
- Alfred Green 221 acres

This ground is to be worked by the "double bug". There is an additional 600 acres under lease that is potential ore ground.

The Pacific Placer Co. is located on Basin Creek on the Roman Basin-Brogen road about 10 miles from Roman Basin. It is in T. 14 S., R. 42 E. The land under lease by the Pacific Placer Co. has been worked on a small scale by one or two men intermitently for a number of years. This is the first operation of any size or that has moved any appreciable amount.

The ground, about 400 acres, to be worked by the double bug has been thoroughly prospected by shafts and by drilling.

The company has the water rights on Basin Creek. This supplies enough water to operate most of the day by using return water from the sluices.

The elevation about 4000 feet. Gentle rolling hills covered with sage brush. The bed rock is a soft clay which varies in depth from 1 to 20 feet, and averages 10 feet. The gravel is banded and varies in size from a fraction of an inch to 10 inches. Ninety percent of the gravel is minus 4 inches; very little clay is found in the gravel. The gravel averages 40 cubic yards per yard.

The equipment consists of a three-inch hydraulic plant, a 36" x 6" screens vibrating screen with 1" openings, a 24" belt stocker, a pump to furnish water to the plant, and a 36" x 40' sluice box.
Description of Operation:
The ground is loosened with the Le Tourneau ripper and loaded into a carryall scraper, which is drawn by a caterpillar. While loading, the caterpillar with the bull dozer serves as a pusher. After loading, the carryall carries its load and dump it over an 8" grizzly into a 20 cu. yd. gravel bin. The gravel is washed from the bin by means of a 3" hydraulic plant over a 1" vibrating grizzly. The undersize goes to the sluice box and oversize to the stacker. Mercury is used in the sluice box.

The operation is continuous 24 hours per day, when water permits. At present there is a water shortage and the plant operates about 23 hours. About 2500 yards of gravel are washed per 24 hours.

Remarks:
This company has a very efficient operation. They have prospected their ground and know what they want to do. They appear to be making money.

Informant:
George S. Lund  August 29, 1940

Field Engineer

Letter from HKL 10/1/41 - Company had no difficulty since last (all due to lack of equipment)