

April 2nd, 1941.

# State Department of Geology and Mineral Industries

PRELIMINARY REPORT (subject to revision)

702 Woodlark Building  
Portland, Oregon

JACKSON MINING COMPANY (dry-land dredge)

JACKSONVILLE AREA

Operator: E. B. Skeels, Auburn, Calif., with W. A. Kettlewell and Wm. Mead.

Location: NE $\frac{1}{4}$  sec. 32, T. 37 S., R. 2 W., just east of Jacksonville on land owned by George Wendt, Jacksonville.

Area: 30 acres under lease.

Equipment: 1 $\frac{1}{2}$  yd. Lima dragline with a 75 ft. boom. The washing plant is mounted on tracks similar to the one diagramed in U. S. Bur. Mines I. C. 7013, p. 24. Four Anley bowls are used for gold savers.

General Data: The leased ground is on the west side of the wide Bear Creek valley, and represents part of the farm land east of Jacksonville. A small stream, Brush Cr. (?) flows thru the property, and it is reported that the water table is quite high.

Depth of ground above bedrock is about 25 - 40 feet, with soil overburden ranging from 1 ft. to 20 feet. Very few boulders are reported. The ground will be worked in a series of cuts, - the tailings from one cut will be stacked in the previous cut and the soil will be replaced.

The plant is being constructed at present. The dragline has not yet arrived. Operations should begin about the middle of April.

Ray C. Treasher,  
Field Geologist,  
April 1st, 1941.

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E. B. Skeels has moved the plant from Canada to this ground which has been tested by W. A. Kettlewell and Wm. Mead. Skeels owns the plant, and Skeels, Kettlewell, & Mead own the leases on the ground. The owner of the land, George Wendt, will receive 10 percent royalty. The land will be re-soiled - the Company will place the soil on top of the gravel in windrows and will either smooth it out at the owner's expense or the owner can have it done himself.

Skeels designed the particular plant that he is using, and it is illustrated in U. S. Bur. Mines. I. C. 7013, p. 24. Judson-Pacific have modified the arrangement for floating plant use. Skeels operations in California are given in I. C. 7013, pp. 25-37, under the items of "Skeels" and "Pantles". He operated on the lower end of Sardine Creek, Gold Hill Area, about 1932 or 1933. He claims that he is the one who interested Van der Hellen in dredging.

Skeels is very willing to cooperate with this Department in any and all particulars. I asked particularly about his re-soiling operations and for data about costs etc., He agreed that these would be supplied if requested.

I shall watch this operation with considerable interest and should it prove to be satisfactory, I believe that it will justify a trip by representatives of the Portland office to the operation.

Ray C. Treasher,  
Field Geologist  
April 1, 1941

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