

Gold Hill
Ore

NOTES ON HOWELL DREDGE near Gold Hill, Oregon

by Earl K. Nixon

Mell Howell
Box 302, Rogue River

(Dry-land dredge outfit)

Howell Dredge Data:--

Bodinson plant of convertible type -- can be used on cat treads or pontoons. Using dragline and big cat bulldozer. Bucket about $1\frac{1}{2}$ yd. casts into hopper of conventional type. Material goes through about 5 x 25 screen -- $\frac{3}{8}$ tapered punching. Coarse to conventional stacker; fines over Hungarian riffles topped with corrugated rubber floor matting. Fines to sand pump - 8 inch which takes material over nearest tailings pile and keeps bedrock dry.

Claim they handle about 750 yds. in a long single shift. Claim cost 8¢ for operating cost.

Using 20 H.P. electric motor on sand pump.

Gravel about 6-8 ft. deep. Strip top half and dig bottom; now resurfacing 2 acres. Cost \$100 per acre or more, making some good land.

Plant has cat treads in rear and one big broad wheel in front. Takes from 30 min. to 1 hr. plus to move and move about 4-5 times a shift -- about $\frac{1}{4}$ of the time apparently moving.

Claim they save an hour a shift in digging by being able to see bedrock. No hand cleaning. Can do it with dragline.

Level up by putting blocks down and pulling machine onto them.

Claim digging 25-28 cents gravel and making money.

1939 or 1940.--reported by E.K.N.

NOTES ON HOWELL DREDGE near Gold Hill, OREGON
PER EARL K. NIXON.

Well Howell
Box 302 Rogue River
(Dry land dredge unit)
Howell Dredge Data:-
Bodinson plant of
convertible type - can
be used on cat treads or
pontons, using drag
line and big cat bulldozers
Bucket, about 12 ft.
Casts into hopper of con-
ventional type. Material
goes thru about 5x24
screen - 3/8 tapered
punching. Coarse to
conventional stackers, fines
over Hungarian riffles
topped with corrugated
rubber floor matting.
Fines to sand pump - 8 inch
wheel takes material over
nearest tailings pile -
keeps bed rock dry.
Claims they handle about
750 yds in a long single
shift. Claim cost \$4,000
operating cost.
Using 20 HP. elec motor
on sand pump. (over)