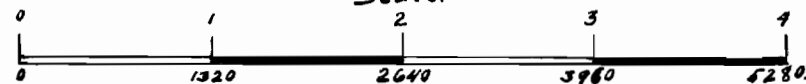


Range 31 East.

FILED
OCT 2 1911

Scale



Application No. 1748
Enlargement Permit No. 115

FRANK OLIVER DITCH

Frank Oliver
Appropriator.

CERTIFICATE OF SURVEYOR.

I, L. ELUCAS, of John Day, Oregon, do hereby certify that this map was made from notes taken during an actual survey made by me on September 10, 1911, and that it correctly represents the works described in the accompanying application, together with the location of streams and other ditches in the immediate vicinity, and has written thereon the area in each smallest legal subdivision which it is proposed to irrigate.

L. Lucas
Surveyor.

DESCRIPTION OF WORKS.

Area irrigated under old ditch --- 635 Acres.
Length of old Ditch --- 3 Miles
Average grade Old Ditch --- 1 ft. to 100 feet
Height Present Dam --- 4 feet.
Carrying capacity Old Ditch --- 15 Sec. Ft.

Area irrigated under extension --- 150 Acres.
Length of Extension --- 2.80 Miles.
Average grade Extension --- .66 feet to 100 feet.
Dam unchanged by Extension.
Amount of Extension Diversion --- 2 Sec. Ft.

