

Electric Power Starts Big Job

Work on the construction of a tunnel between the Caselton and No. 1 mine began last week under the supervision of Frank Laird, well known contractor of Los Angeles, who was awarded the contract to construct an 8 by 8 foot (inside of timbers) tunnel between the Caselton and the No. 1 mine shaft of the Combined Metals Co., a distance of 4,750 feet, states the Pioche Record. A new \$20,000 Pomonapump was installed by the company to take care of the water and work started on the 1,400 foot level of the Caselton shaft. The tunnel when completed will connect the No. 1 mine shaft on the 1,200 foot level, coming under the level 200 feet, which will necessitate sinking that distance at the No. 1 mine shaft to meet the tunnel.

The company has under construction a 100 foot change room, air conditioned, and is installing a 2750 cubic foot Ingersoll Rand electric driven compressor of the latest type and electric equipment throughout.

Six 3 1/2-inch Worthington pneumatic drilling machines, the first to be used in this section, are being used on the job, which have been successful for the past five years in tunnel construction. A California switch arrangement is used and all drilling is done from a drill carriage.

Transformers of 2300 volts capacity are being installed to take all of the pumping and underground load for the tunnel, and new high powered ventilator fans of 6000 cubic feet capacity, with 14 gauge pipe 14 inches in diameter, which will deliver air to the miners at the end of the drift on the 1450 foot level at the rate of 2000 cubic feet per minute. The plans are designed to also exhaust smoke and gas after blasting.

The company has also purchased a new No. 20 Conway shovel and a new Gardner Denver shovel for smaller drifts.

The tunnel will be equipped with new electric trains. According to

Sup. L. G. Thomas the reason for putting in all new equipment is to speed up the job in order to be ready for the new \$800,000 mill to be constructed at the Caselton.

A new office building and shops will be constructed at the mill site. The company has installed several new electric motors in the No. 1 mine on the 1200 foot level and it is planned later to install electric hoists.

There are about 30 men employed on the tunnel work with three shifts and is under the supervision of C. C. Carpenter, Jas. Sigale and Carl Larsen, shift bosses, these men according to Laird have been connected with every large tunnel job in the

United States for the past 20 years. Mr. Laird was superintendent of construction for the Metropolitan Water District of Los Angeles and constructed 46 miles of the 102 miles of 16-foot horseshoe shaped tunnel which will supply the city of Los Angeles and vicinity with water from the Colorado river. The tunnel is to be completed within ten months.

Guild Planning Social Meeting

The women of St. Agnes Guild of Christ Episcopal Church are planning a social meeting at the Vicarage for next Wednesday evening, October 20th.

Cards, music and refreshments will help to make the occasion a pleasant one. All members and friends of the church are invited to attend.

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