## THE OREGON DAILY JOURNAL, PORTLAND, THURSDAY, OCTOBER 12, 1916.



Power From Overflow, to Be Converted Into Electricity for Use of Farmers.

## Sizes of Elephant Butte Dam Project. Cost of dam. \$10,000,000. Contains 610,000 yards of stone and concrete, the largest masonry mass in the world Storage capacity of lake-862

billion gallons, enough to cover Deleware with two feet of water. Creates a lake 45 miles long with 200 miles shore line.

Will irrigate 155,000 acres, partly in Mexico. Was six years building. Length of dam 1674 feet;

width at base 215 feet; at crest 18 feet; height of top above # bedrock 304.5 feet.

El Paso, Texas, Oct. 12 -- Elephant ing through the penstocks of the dam Butte dam, the largest irrigation struc- will be converted, it is expected, into the sort in the United States electricity. This will be carried over and the largest mass of masonry in transmission lines to El Paso and the world, will be formal y dedicated many mining camps within a radius dent Wilson and Secretary of the Interior Franklin K. Lane, several senators and delegates to the Irrigation congress, to be held in this city.

The dam marks an epoch in the reclaiming of the yest dry lands of the southwest. It will water 155,000 acres. main. In a way, this great project, making a vast section blossom with roses, vegetable gardens and orchards, ts an international enterprise. Its con-templation should do much to teach the Mexicans that their interests lie in a cordial attitude toward Lincle Sam,

### Statistics Are Staggering.

The statistics showing the work to he done by this dam are staggering. The dam is 1674 feet long, with a maximum width of 215 feet at the base, tapering to a width of 18 feet at the crest, which is 304.5 feet above bed-The crest is used as a roadway. The structure contains 610,000 cubic yards of stone and rubble concrete, and weighs a million tans. The "lake" formed by the dam, which stores only the flood waters of the Rio Grande, will be 45 miles long, with an average

width of six miles and an average depth of 66 feet.

It will have 200 miles of shoreline and a storage capacity of 862,200,000,-000 gallons. This is enough water to cover 2,642,292 acres of land to the depth of one foot. The "lake" will have about twice the capacity of the lake behind the Roosevelt dam in Arizona, and four times the capacity of the storage reservoir behind the fa-mous irrigation dam at Assouan in Egypt, which cost \$17,000,000.

Would Cover State of Delaware. This would be enough water to cover the state of Delaware to the depth of ship to Dr. Boothrold for the purpose two feet, or the state of Connecticut of doing research work at his observatory at Flagstaff. to the depth of 10 inches.

here next Saturday, October 14. Pres-ent will be representatives of Presi-to light streets and operate manufacuring plants. Seventy-five thousand horsepower will be produced by the water, which will then pass into the irrigation ditches and do the work primarily intended. The irrigation farmer will not only have his land watered from this dam, part in New Mexico and Texas and but his house lighted, his corn shelled, part in Senor Carranza's turbulent do- and his silo filled by electric power coming from the same source.

# Washington 'U' Gets Another Fellowship

Dr. Percival Lowell Donates Fund That Will Produce \$600 a Year for Research Work in Astronomical Lines. University of Washington, Oct, 12 .-The university has received its third donation of the year in the form of a fellowship. This was given by Dr. Percival Lowell, prominent astronomer and scientist.

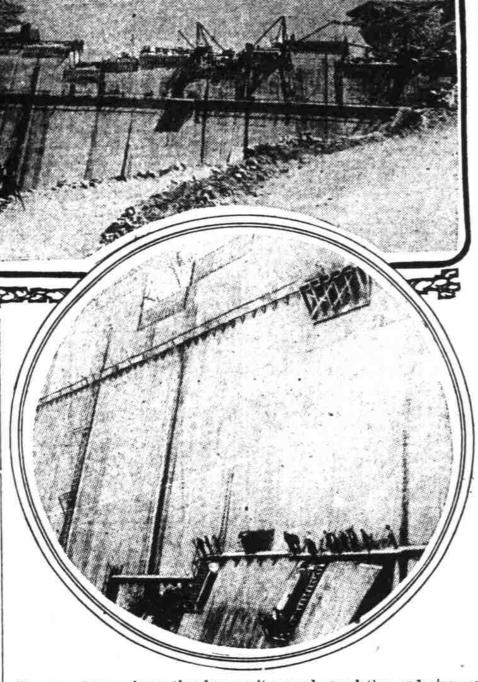
It is the object of Dr. Lowell to have the most prominent student of astronomy each year go to the Flagstaff observatory in Arizona to do research work along astronomical lines. This fellowship carries with it \$600 per year and is open to any student in the department of astronomy. It is to

be known as the Mars fellowship. Dr. Lowell has just passed through Seattle, where he delivered a lecture before the student body. He is greatly interested in the department of astronomy at the university and has of-

fered to give a three months' fellowship to Dr. Boothroid for the purpose

Old Janitor Drops Two Daughters, Son, Left. and the First National bank. When his , time."

ELEPHANT BUTTE DAM ACROSS THE RIO GRANDE RIVER IN TEXAS



The top picture shows the dam as it neared completion and gives an idea of the land that will be covered back of it with water. Below is a section of a face of great dam.

Likens Wilson to Dead at North Bend President Lincoln

I. A. Kranick's Body Found in Room G. A. Andrus, Grant County Pioneer, Recalls Historio Debate Between When He Fails to Appear to Work; Bail Splitter and Stephen A. Douglas. North Bend, Or., Oct. 12. - J. A. C Pendleton, Or., Oct. 12 .- "Woodrow Kranick, 60 years old, was found dead Wilson is nearer like Abraham Lincoln n his room in the Simpson building in thought and action than any presyesterday. He was janitor of the block ident or statesman since Lincoln's

was not done, investigators. With this statement G. S. Andrus

Once Upon a Time--Hark to the Story Of Four Huge Bears Candidate for Congress Defends Hight-Forest Grove, Or., Oct. 12 .-

William Busse became to provoked at a big bear that in- \* sisted on eating the prunes and breaking the prune trees in the # Busse orchard, that he set a \* trep for bruin and caught him. \* Mr Busse in the last five years # has caught as many bears. He thinks there must be a nest of them nearby.

White Salmon, Wash., Oct. 12 .- Warren Woods, Frank Corey and Jack Perry, hunting bears between Laurel and Trout Lake, killed three. Two of them weighed over 350 pounds each. The bears find fine picking on hazel nuts and acorns, which are plentiful this fall, an indication, say the Indians, of another fire esting winter.

Pendleton, Or., Oct. 12 .- Hides of four big bears that have been killing sheep in Minam creek country in Wallowa and Union counties were received here by E. F. Averill, federal inspector. They were

last

the poor man counts his dead."

Straw Vote Taken at Southern Pacific

64. Hughes 22 and Hanly 1.



By a Portland Boy Weatherford of Albany, Democrati and Prohibition nomines for congress, spoke to the citizens of McMinnville evening. In discussing Presi-Edwin C. F. Knowles, son of George

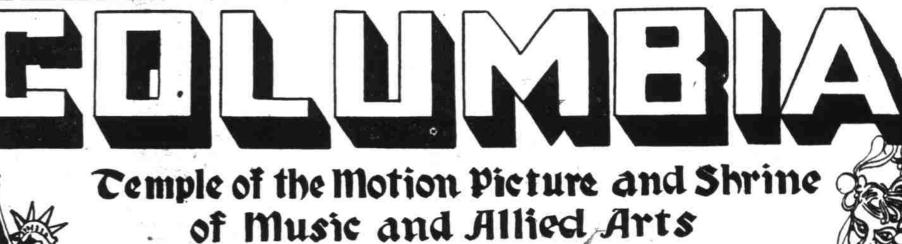
dent Wilson's peace policy, which the speaker indorsed. Mr. Weatherford said: "War is a rich man's battle, and poor man's fight when it is over: P. Knowles of 1084 Broadway, who for the past year has been assistant man- and try it. Children love its pleasant ager of the Pacific coast department taste and nothing else will loosen a cough or chest cold and heat the inthe rich man counts his millions and he rich man counts his millions and he poor man counts his dead." The speaker defended the eight-hour aw and the other constructive meas-tres passed under the Wilson admin-ceeding Washington Irving, who relaw and the other constructive meas-ures passed under the Wilson admin-

trolled in this territory by the Phoenix. cold-congested membranes that line the Mr. Knowles will have as his as- throat and air passages, the healing sistant Munro English, special agent begins, the phlegm loopens, sorehess Hughes Second With who has been in the service of the disappear altogether, thus ending a company's Pacific coast department cough quicker than you ever thought possible. Hoarseness and ordinary Railroad Employes for the past 15 years.

Fire Damages Hotel at Reno. Station in Eugene Results: Wilson

coughs are conquered by it in 24 hours for less. Excellent for bronchilis, whooping cough, spasmodic croup, bronchial asthma or winter coughs. Reno, Nev., Oct. T2 .- (U. P.)-Fire Reno, Nev., Oct. 12.-(U. P.)-Fire early yesterday completely wrecked the first two stories of the liciti Golden

main office of the passenger station, Moffait and H. G. Humphrey, all m



Columbia Service - the accepted standard - will be further strengthened by the acquisition of the splendid Artcraft (Mary Pickford) releases, which will be shown in the near future. The Columbia is putting over big things in photo plays. We recommend "The Jungle Child"



The opening scene is a Brazilian jungleshows crocodiles, llamas, monkeys and jaguars, in the native wilds.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Mother - Made, Quick-

Acting Cough Syrup

Should be Kept Handy in Every Home-Easily Prepared and Costs Little.

Mothers, you'll never know what you

