

HOT WATER AND GAS.

From an Artesian Well in Union County.

Last week W. J. Townley began boring a well on a small elevated mound at his farm a few miles northwest of Union and about half a mile southeast of the Hot Lake, at a place where there was a small warm spring. The sinking was comparatively easy for the first twenty feet, the drill passing through a soil and gravelly formation, after which a hard sandstone was encountered and into which the well has been sunk for thirty feet, making a total depth of about fifty feet.

In sinking, many strange things have been brought to the surface. Bones of various descriptions have come up, including those belonging to some species of the Mastodon. Sea shells that were deposited there when Grande Ronde valley was a neck of the sea are also in evidence. At a depth of forty feet, a log one foot in thickness was pierced.

In the hard sandstone formation a number of strata some four feet in thickness, containing considerable coal, were passed, which is the best indication that great coal deposits exists there.

The great surprise came to the borers Tuesday, when a vein of hot artesian water was struck.

The pipe used is only one and a half inches in diameter, but the water comes out under such pressure that it is thrown thirty or forty feet high—it is a veritable gushing geyser. The water is very hot, being 174 degrees Fahrenheit and flows from this small pipe about 50,000 or 60,000 gallons per day.

With the flow of water there also comes forth a gas that may prove of the greatest value. This is to be tested at once. Mr. Townley is preparing to have a reservoir or receiver built to collect the gas and test its qualities. It may prove to be an illuminating gas, such as is used for lighting cities and for manufacturing purposes. If this proves to be true it is difficult to predict the results upon this vicinity from a manufacturing point of view.

The coal brought up was in a well defined stratum, but mixed with fine quartz sand, which had every appearance of being rich concentrates. It may, however, lead to the discovery of extensive and valuable coal deposits.

Mr. Townley is determined to further prosecute his research, for the purpose of ascertaining what treasures or mysteries there are contained in that section of the earth. He thinks the hole sunk is too small to fully test the findings and has decided to put down a six inch pipe, and to continue it to a greater depth and until he is satisfied.

What will be the outcome of this experiment is hard to tell. Besides hot water, coal prospects and gas, there are some indications of oil and other discoveries may follow. The discoveries already made are valuable and have well repaid Mr. Townley for his outlay.

The public is interested in this experiment, as the discovery of a deposit of gas, coal or oil would mean much for this section and the whole state.—Union Republican.

S. Heel Shut's Dense Stupidity.

A Pendleton paper, in humorous vein, quoted from the Granite Gem a half dozen silly locals, which indicated the lowest depths of country journalism, and then made the satirical comment that any citizen of Granite who does not support the Gem should be drummed out of the country. With a stupidity so asinine that it deserves to be called humor, the Gem turns the trick and quotes the Pendleton paper's implied criticism as a great compliment.—La Grande Chronicle.

\$15,000 IN.... CASH To be Given Away



THE PRESS PUBLISHING ASSOCIATION WILL GIVE \$15,000 in 1,000 Cash Prizes to those making the nearest estimates on the combined Official Vote of OHIO, MASSACHUSETTS and IOWA, cast for Governor on the 5th day of November, 1901.

Estimate the total vote in these three States combined for Governor and send your estimate and subscription to THE SUMPTER MINER and you will receive a certificate which will entitle you to participate in the distribution of the \$15,000 to be awarded by the Press Publishing Association, of Detroit, Mich., to those making the nearest estimates of the Official Vote for Governor in the states of Ohio, Massachusetts and Iowa, to be determined by the Election to be held on the 5th day of November, 1901.

We have made arrangements with the Press Publishing Association, of Detroit, Mich., to enable our subscribers to participate in the distribution of these magnificent prizes, amounting to \$15,000.

OUR OFFER: UNTIL FURTHER NOTICE

every one who sends us \$1.25 for six month's or \$2.00 for one year's subscription to THE SUMPTER MINER will receive a certificate which will entitle him to participate in the distribution of the prizes. Present subscribers may take advantage of this offer and their subscription will be extended from date of expiration. No advance is made in the price of our paper; you get the certificate absolutely free.

Your Estimate

When you send in your subscription you also send your estimate. Be careful to write your name, address and estimate as plainly as possible. As soon as we receive your subscription we will send you a certificate of the Press Publishing Association, of Detroit, Mich., containing your estimate, which will insure you any prize your estimate may entitle you to claim. We will file a duplicate certificate with the Press Publishing Association. Every subscriber may make as many estimates and will receive as many certificates as he sends subscriptions to THE SUMPTER MINER.

Club raisers will receive a certificate for each subscription obtained.

VALUABLE INFORMATION

To aid subscribers in forming their estimate, we furnish the following data:

The combined Official Vote in these three States in			
1891 was	1,517,493		
1892 "	1,584,480	Increase	4.36 per cent
1893 "	1,616,488	decrease	2.04 "
1894 "	1,551,887	decrease	5.10 "
1895 "	1,576,452	Increase	1.57 "
1896 "	1,606,718	Increase	1.90 "
1897 "	1,579,109	decrease	1.64 "
1898 "	1,535,540	decrease	2.78 "
1899 "	1,611,380	Increase	4.93 "
1900 "	1,605,610	Increase	1.85 "

The certificates of the Secretaries of the States named showing the combined Official Vote will determine who are entitled to the prizes and the awards will be made within 30 days after the Official Vote is known.

THE SUMPTER MINER will publish the names and addresses of the successful estimators.

Statement of Mr. W. A. Pungs, President of the Central Savings Bank, Detroit, Michigan:

I hereby certify, that the Press Publishing Association has deposited \$15,000 in the Central Savings Bank, Detroit, Mich., for the express purpose of paying the Prizes in their Contest on the combined Official Vote of the States of Ohio, Massachusetts and Iowa, and that this fund can be used for no other purpose.

W. A. Pungs

President Central Savings Bank, Detroit, Mich.

PRIZES TO BE AWARDED AS FOLLOWS:

To the nearest correct estimate	\$5,000.00
To the 2nd	2,500.00
To the 3rd	1,000.00
To the 4th	500.00
To the 5th	300.00
To the 6th	200.00
To the 7th	100.00
To the 8th	75.00
To the 9th	50.00
To the 10th	25.00
To the next 10 nearest	\$15 each
To the next 25 nearest	\$10 each
To the next 50 nearest	\$5 each
To the next 100 nearest	\$4 each
To the next 150 nearest	\$3 each
To the next 200 nearest	\$2 each
To the next 250 nearest	\$1 each

Total, 997 prizes, amounting to \$12,000.00

In Addition to the Above Prizes the Following Special Prizes will be Paid:

To the person making the nearest correct estimate before July 10th	\$1,000.00
To the person making the nearest correct estimate between July 10th and August 10th	\$700.00
To the person making the nearest correct estimate between August 10th and September 10th	\$500.00

Total, 1,000 Prizes, amounting to \$15,000.00

In case of a tie, or that two or more estimators are equally correct, prizes will be divided equally between them.

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THAT THE
FIRST
PRIZE IS
\$5,000.00**

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