

# Arkansas Diamonds

The definitely locating of a diamond crater in Arkansas by government and private experts is expected to be followed by still further discoveries of gems in America's first real diamond field. Arkansas has a Kimberly of its own, and while only one peridotite "chimney" has been found so far, the 165 diamonds removed in the preliminary prospecting have shown finer average quality than those taken from the South African mines. Some of the stones weigh six carats.

With ascertaining beyond a doubt that Pike County, Arkansas, contains diamonds, "in place," or their natural state, those who did not secure options on the first field, are now searching for other craters, for they do not usually occur singly. In the Kimberly fields are seven of these blue mud "pipes" extending down to the fire regions of the earth. From them are produced 95 per cent of the diamonds of the world. Five of these are close together.

**St. Louis Man Interested.**  
Among those who believe that Arkansas will rival Kimberly when full development is reached is R. W. Hess, a diamond dealer of St. Louis. Mr. Hess has secured an option on a portion of the original crater, sharing with a New York firm, which sent its best experts to examine the field. "It stands to reason that the Arkansas field should become a bigger producer," said Mr. Hess, who, with H. T. Bule, is now installing diamond washing machinery on their land. "This crater was there all these years before discovery, or at least development, and search probably will bring out other fields of the diamond-bearing dirt."

"The diamond field of Arkansas is not a recent discovery, but no one paid any attention to it until real diamonds of exceptional size and value were picked up on the surface of the ground. Then diamond dealers became active immediately and we have established beyond a doubt that diamonds are there to await digging. Of course, diamonds have been found in America before. But they had been washed out into streams or gravel. This is the first time the gems have been found in their native state."

**Farmer the Discoverer.**  
John M. Huddleston is the Columbus of the Arkansas diamond field, for while others wrote reams of theory about the existence of peridotite, or diamond-bearing dirt, he was the first to find diamonds and bring actual results. Huddleston, who had bought an almost untenantable farm two and one-half miles southeast of Murfreesboro, was searching on his hands and knees for traces of "mineral." He thought the land might contain lead or zinc ore. His attention was attracted by what seemed to be a particularly brilliant crystal. He picked it from among some pebbles. It proved to be a white diamond, four and one-half carats in weight. The afternoon of the same day he found another stone, three carats, about five hundred feet away. These were sent to Little Rock and pronounced diamonds.

The discovery was not widely heralded at the time, but gem dealers, as soon as they got a hint of the discovery, began buying options. The result is that the field is plastered with options every direction from the crater, which is distinguishable by its blue dirt and is roughly elliptical in shape, with a longer diameter of 2,400 feet and a shorter diameter of 1,800 feet.

**Fields Are Compared.**  
The last report of the United States Geological Survey, in comparing the Kimberly and Arkansas fields, says:

"This is the only place outside of South Africa where diamonds have been found in peridotite. The Murfreesboro rock is a true porphyritic lava, although the portion now visible had not reached the surface, and it was evidently ejected through a volcanic vent as a relatively quiet flow, while the peridotite of the South African pipes seems to have been ejected by explosive eruptions in a more or less fragmentary condition and probably mingled with a considerable proportion of water."

"At Murfreesboro inclosed fragments of rocks traversed by the lava are wholly lacking, not a piece of sandstone, quartzite, shale or other nonigneous rock having been observed. In South Africa, on the other hand, as is well known, such foreign material is abundant in the 'blue ground,' and includes quartzite, sandstone, shale, diabase, eclogite and other rocks."

"Such fresh peridotite as occurs at the Pike County locality does not seem to have been observed in South Africa, but the green earth of the former much resembles the blue ground of the latter, both in color and in being composed predominant-

ly of highly serpentinized alivine, with smaller amounts of decomposed augite, and a little biotite, perovskite and magnetite, although the Arkansas material is much softer than is the African. Similarly, at both localities the upper portions of the decomposed rock are yellow, through oxidation and hydration of the ferrous iron."

**Down 186 Feet**  
At present very little real mining is being done, owing to the efforts to definitely locate the crater and determine whether a "salter" was at work or whether the field was genuine. The furthest depth reached by a drill so far has been 186 feet. The peridotite is easily disintegrated and makes a thin mud when mixed with water. This mud is run over a perforated table covered with grease. By a peculiar affinity, the diamonds will stick to the grease, no matter how small, while the mud passes through the holes.

Mr. Hess eventually expects to see the De Beers trust operate in the Arkansas field and should gems be found in large quantities he does not expect a decrease in market value. "The diamond trust has the situation too well in hand," he says. "How well they have manipulated things is shown by the 125 per cent increase in the cost of diamonds with still further advance coming. The last South African diamond crater found was the 'Premier.' It was bought by the trust for about \$50,000. It was immediately capitalized for \$80,000,000, and the first year a 10 per cent dividend was declared and a third of the stones were never cut. The average diamond crater will produce about \$200,000 a year."

**NOTICE.**  
Notice is hereby given that a caucus of the legal voters of the City of Marshfield will be held at the I. O. O. F. hall in said city, on the 19th day of November, 1907, at 7:30 o'clock P. M., to nominate candidates for the office of Mayor for the term of two years, and two Councilmen for the term of three years, and a Recorder for a term of one year.

Dated this 8th day of November, 1907. J. M. UPTON, Recorder.

**MEXICANS ARE DEPORTING REDS**  
Peaceable Yaquis Forced to Abandon Farms and Take Residence Elsewhere.

Mexico City, Nov. 15.—A wholesale roundup of Yaquis is now in progress upon the ranches and in the mountain villages in the state of Sonora, in pursuance of a policy which has been adopted by the federal government of deporting all Yaquis from their native territory. Since the new order was given the Mexican troops have taken into custody several hundred Yaquis, who were found pursuing peaceful occupations. Men, women and children are included. It is asserted that these Indians gave secret support to the war faction of their tribe and that the only way to restore peace is to clear the whole region of Yaquis. The transport Oaxaca has left Guaymas with 600 Yaquis, who are being deported to the hot region of Yucatan, more than 2000 miles from their native territory. Another lot of about 400 has been sent to Guaymas for deportation.

—Masquerade Ball at Sumner, November 33. Good music.

Times Want Ads Bring Results.

**BRADLEY DEFENSE WILL BE INSANITY**  
State Has Presented All Its Evidence and Rested Its Case.

Washington, Nov. 15.—That the defense in the Bradley trial will be insanity was made evident beyond question by a preliminary statement made to the court today by Mrs. Bradley's attorney, Mr. Hoover. The prosecution consumed the entire morning in proving the facts of the killing, and then rested its case. Hoover followed in a statement detailing the principal events of the woman's life, and entered minutely into the circumstances of her intimacy with Brown. According to Hoover's statement, it will be shown that there is a taint of insanity in her family. The testimony presented by the prosecution today was all intended to show premeditation on the behalf of Mrs. Bradley.

—Fresh Olympia Oysters and frozen Lake Point Oysters, hardshell clams, fresh fish and crabs today. The Empire Fish Market, near Pioneer Grocery.

Times Want Ads Bring Results.



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are now on exhibition at this store. Always aiming to lead in the matter of new ideas, we can show you the greatest stock of up-to-date suits, cravenettes and overcoats for men and young men ever brought to this city. You will find here the newest conceptions in fall clothes—a class of apparel which no other store can show you. We feature

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I have a good selection of the finest cuts. I am the sole agent here and these goods are to be had in no other store in Marshfield. If you want something truly fine see these goods. Opposite Odd Fellows' Hall.

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THE C. B., R. & E. R. R. & N. CO. TIME TABLE. Subject to change without notice.

No. 1.	Daily, ex. Sunday	No. 2.
7:30 a.m.	Marsh'd Junction	Ar. 12:30 p.m.
9:45 a.m.	Coquille Pt.	Lv. 11:30 a.m.
Ar. 10:20 a.m.	Myrtle Pt.	Lv. 10:45 a.m.

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**A WONDERFUL LAKE.**  
How Its Yield Benefits the Rural Residents as Well as the City Dwellers.  
(The Pacific Northwest.)  
Trinidad Asphalt Lake, down in the British West Indies, is one of the most remarkable and interesting formations ever wrought by Dame Nature. It is called the eighth wonder of the world.  
The bed of the lake is evidently the bowl-shaped depression about half a mile in diameter.  
Instead of being filled with water this natural receptacle contains a mass of black viscous material—natural asphalt.  
Probably the first questions you are likely to ask are: How did it get there? Where does it come from?  
This lake is fed like many lakes of water by subterranean springs, but these springs, instead of giving forth water are the media through which the asphalt comes up from the interior of the earth, whose "internal workings" are responsible for the production of this peculiar material which has proven so useful to civilization.  
The Barber Asphalt Paving Com-

pany, Philadelphia, was among the first to recognize the immense commercial value of asphalt and after making repeated tests of this material were so impressed with the quality of asphalt yielded by Trinidad Lake that they secured control of its output and have been bringing this product to the United States for many years and adapting it to the use of modern civilization.  
One of the most important uses to which they have put it is to make a water proofing roofing that defies the storms, heat, cold and every other weather condition. This is called Genasco Ready Roofing. It doesn't leak, and thus has the advantage over shingles which warp and rot; tin, which pits and rusts; and the coal tar roofings, which crack and go to pieces.  
Genasco is adapted for every building on the farm, from your own residence down to the chicken house—and if you cover the chicken house all over with Genasco it keeps it mighty warm in winter.  
Any handy man about the farm can lay Genasco Ready Roofing. This saves the expense of an experienced roofer, and gives lasting protection, so that there is considerable saving every way.

# Peter Loggie,

Washington Street, North Bend.