Millions in Zinc Deposits of Northern Arkansas

acres. While hundreds of prospective set-

tlers are agreeing under the government rule to settle in the prairie states on the Indian reservation, there are thousands and thousands of acres owned by the government in the zine district of Arkansas which may be obtained by any citizen free under the homestead law or which may be purchased outright for \$1.25 an acre. land is all underlaid with zine, and there is a fortune in it for the settler, if he has patience to wait awhile, for the very richest district is not on the railroad. It is truly a remarkable condition. Several railroads are racing into the district which heretofore has been a much despised region, and the day that the first one gets its feeders into the mines thousands of people who can hardly grub a living off their land now will become wealthy. And yet all the government land is not taken up, although the rush into the district is

I have mined for gold and silver in Mexico and Colerado, but I never saw such a peculiar boom condition. The people travel everywhere on horseback and by wagon. You can travel over a radius of 500 miles in a buggy, and in that whole area millions of dollars worth of zine would lie under the horses' feet, of absolutely no use to the world as yet because of the lack of railroads to transport it. Of course the same might be said of the Alaskan coal beds, but here the condition exists only a few miles from the center of population of the United States. It is only a question of a short time when the railroads will go into the district, but just now the most feasible mode of travel is by stage or by flatboat down the river.

Every one in the region is dealing in futures. Every one is waiting, waiting, waiting for the wealth to come. The cocksure confidence of the religious convert is not more full of the promise of the rewards of the future than are these people of their coming prosperity. You can not buy ore from then now, even at the small margin of sure profit obtained by hauling the mineral in carts to the railroad terminus 100 miles away. "Why," they say, "the ore will be worth dollars where it is now worth pennies when the railroad gets through. The interest will

warrant a few years' waiting."

T HAS long been a favorite proph y the ground. On the Buffalo river there is riches as well, for their farm rests on the that the end of it means wealth for them plorers have rowed on the underground be dispelled, for the discovery of millions learn the owner had intentionally placed it kind all through the region.

among miners that the zine market a shaft which had been sunk sixty-seven zine bed, and when the railroad gets The reads will radiate like a star from the river for that distance, and they did not could easily be cornered, because there feet through zine and the ore seemed to through (the inevitable preface to all things center of the zine district.

see the end of it. They were afraid of is no such thing as scrap metal to be getting better in grade the further down in that region) they expect to settle down. A curious feature is the attitude of the running out of provisions and getting lost is he such thing as setting as setting as setting as the first the

will render a corner impossible. It would bonanza from the gaze of objectionable another to bring the futures of these people gion, the Joplin miners do not believe so have become joined, are over fifty feet not even be possible to buy up the mines neighbors and claim-jumpers. Near Dodd nearer to them. The St Louis & San Fran- much ore can exist in the direction of high. Some of them are pure white. Others and form a combination, because nearly City is another shaft 125 feet deep, ninety cisco railroad has already got as far as Yellville. They say the dip should carry are discolored by the earthy substances all the mines are on government land, of feet of which was pay ore. Between Har- Harrison on the way to Yellville, the cen- it away from there. One of the e men full which drip from the limestone roof of the

mining output. But this dream must now water in it, and from what the writer could in civilization. You meet instances of this Z.nc ore is locally known as "jack," and another large cave, which has spectacular Jeptin, Mo., is the town that Jack built features. The columns within it, formed of dollars worth of the metal in Arkansas there for the purpose of concealing his Meantime the railroads are racing one Judging the new finds by their own re- by the stalactites and stalagmites which which any one person may buy but 320 rison and Dodd City a Massachusetts man ter of the zinc district. One of the Gould of theory came down to Panther creek and cave. This is called the Diamond cave, because of the way in which the crystas scintillate when light is thrown on them.

In one of the great chambers of the Diamond cave the columns gave forth a musical note when struck sharply with a stick. The old guide who charged \$2 for taking me through struck several of these columns. Each was of a different pitch, and if a musician could jump around quickly enough from column to column he might manage to play a tune. The place gives one the impression of a great pipe organ under-

But the native has no time for these natural wonders, which in a more accesstble region would soon become world famous His talk is all of jack steel Jack, ruby jack, resin jack, salmon jack, pebble jack and all the other jacks, and the fact that though the yield of the Joplin field last year was worth \$10,000,000, yet if only those mines in the Arkaneas field already op ned are worked there are already \$7,000,000 worth of ore waiting for railread transportation. Curiously enough, the discovery of zinc ore in this region was made in Arkansas and not in Missouri. The natives, though, were looking for silver and when they found zinc they abandoned it in disgust. Yet the mine they abandoned has turned out the richest in the district. Two farmers' girls made the discovery. Driving home the cows one evening, they picked up pieces of a shining mineral, which they called flickers The men folks, however, thought they had found pieces of silver, and a company was formed and prospecting begun. They found a ledge where the ore showed thick and they imported two German metallurgists, who built them a smelter planned according to the old Spanish pattern. It is still standing. 'The smelter was filled with ore and charcoal and they held ladles to catch the molten silver when it ran out. But it Yet the Morningstar mine, as the site is blast threw off hundreds of tons of 40 per cent ore and the ore face now exposed is sixty feet thick. There is really no estimating the value of the ore in sight and yet so crude are the transportation facilities seems to be inexhaustible. The thousand there three years. But in going there the the efforts put forth in their behalf and ern Grove there is a cave which extends that the ore now being marketed is rafted 200 miles down the river.



ONLY METHOD OF TRAVEL IN THE ZINC COUNTRY.

tons were blown right off the surface of man had found not only his lost health, but take all things good naturedly, knowing under ground for over eight miles. Ex-

who had purchased eighty acres at \$2.50 an roads is constructing a connecting link explained to one of the new district owners, did not run and all they got was the fumes Near Jasper, Marion county, 1,000 tons husband's health had broken down and mountain near Eureka Springs. It is all verted the Jeplin man. of ore lie piled on the ground waiting for with almost their last means they had mountainous country and the obs a les Jack is not the only good thing of which the future market. It is at least 60 per purchased a mountain farm in Arkansas, with which the roads have to contend make the region boasts. There are many natcent ore, and the mine from which it came. They paid only \$3 an acre. They had lived the race exciting. The mine owners watch ural curiosities around about. Near West-

acre refused \$90,000 for his land, and stands passing to the northwest near Harrison into an old man, how impossible it was that of the metal passing up from the smelter, or, pat for \$100,000 when the railroad gets the Joplin district. Another road will be any ore could exist in the region. All the as one natives put it, there "riz the beautifulbuilt from Salem, Mo., to Fort Smith, pass- laws of geology and metallurgy, he said, est rainbow you ever seed." That was over The writer was riding along a mountain ing right through the zine belt. Still an- were against it. After some arguing the thirty years ago and they did not think road one morning and stopped at a farm other road is being built from Harrison to old miner got angry, went to his shanty and enough of zinc then to develop the ledge. gate for a drink of water. The woman who Winnerva, the head of navigation on the returned presently with a drill. He bored procured the water seemed to be better White river, where the government is put- a hole, put in a charge of powd r and blew now called, contains the greatest deposit educated than most of the people of the ting in locks and dams to improve the out a couple of tons of zinc ore from the of zinc ever uncovered in the history of neighborhood. During our conversation water transportation. One of the roads is very spot on which the man of theory had mining. It is really a zinc quarry. The first she said she had come from Chicago. Her boring a tunnel 1,000 feet long through the been standing during the argument. It con-





AFTER THE HARVEST COME THE THRESHERS TO NEBRASKA'S WHEAT FIELDS-Photos by a Staff Artist

Messengers from the Polar Seas

T is only in recent years that Arctic return thereto. The old way meant not only months of isolation in the Arctic regions, but also as many months of waiting on the part of the civilized world for news of these seekers for an elusive geographic point. Nor have recent efforts to overcome this latter condition of affairs been marked by any great degree of success. The history of all the expeditions which have set forth to determine the secrets so jealously guarded by the ice sphinx of the north have shown this great lack of detail. The chronicles of events occurring in that almost unknown region lying beyond the eightieth parallel are never written until the return of the survivors or of the relief expeditions; For months-

fate of himself and his two comrades?

true spirit of the twentieth century. In upon the ice. the matter of exploration we shall to a predecessors left off. Certainly no previous somewhat similar to his-carrying the Stars after reaching the pole. expedition to the north has ever made such and Stripes instead of the flag of Swedenheard of Andree-a brief sentence giving shall employ balloons to carry the buoys my flagship, shall be frozen in, and from this distance, I have every hope of accomhis location and the direction in which he back southward, and I fully expect that the this station we shall transport sufficient

What would Americans not give to know two have thus far been recovered one off may this news feature be accomplished, but of Franz Josef Land. Soon after this shall explorers have attempted to keep in what Peary has been doing for nearly two the north coast of Iceland and the other on if we reach the pole-and we have deter- have been accomplished the long Arctic touch with the world after once leav- years past. What would Sweden not give to King Charles' Land, 1,200 miles away. It mined that nothing shall stop us—the news night will have begun and here we shall be ing their bases of supplies until their learn of the wanderings of Andree and the should be remembered that Andree had no of this triumph may be brought back obliged to stay until March, 1902. Meandevice for releasing his buoys, being com- months before we shall get to civilization time, however, we shall be making observa-

The expedition which I have the honor pelled to throw them from the ear of his Two hundred of the buoys are to be placed tions of wind, weather, clouds and various to command typifies in its equipment for balloon. It is more than likely that some at stations on the east coast of Greenland Arctic phenomena, and records of these iminforming the world of our progress the of them were crushed and broken by the fall to be used by any of my party who may portant scientific investigations, which we

party are dead to all the known world, supposed to have been set adrift by him be had quickly and frequently. Not only ditional base at the very northernmest point Profiting by Andree's experience, there- be stated here that we have chosen the east value, will form a part of the news to be

sometimes years—the members of an Arctic was then traveling. Of the thirteen buoys news of our progress toward the pole will supplies and equipment to establish an ad-

reach these points on their return. It may expect will be of great meteorological large extent take up the quest where our fore, I decided to adopt a type of buoy coast of Greenland as our objective point sent back by our buoy messengers to civilization. Soon after the return of the Before the end of the present summer we sun we shall throw out advance stations complete arrangements for the transmis- and I devised a plan of releasing each buoy hope to establish our main station some- on the sea ice to the northwest before the sion of news back to civilization. When without involving the risk of any injury where in the neighborhood of the eighty- ice shall have acquired much movement, Andree sailed away four years ago he took to it. If two out of thirteen Andree buoys first parallel on the eastern side of the and our advance will begin about the first with him thirty-two pigeons and thirteen could be recovered, why should not a larger British channel among the islands of Franz of April. With only 550 miles between buoys. One of the pigeons returned four proportion of more carefully devised ones Josef Land. Thence we shall move north-our winter home and the pole and the most days afterward, bearing the last news ever sent out by my party be recovered? We ward through the ice until the America, complete equipment possible for covering

By Evelyn Briggs Baldwin, Commander of the Balawin-Zeigler Polar Ex-

pedition.

(Continued on Seventh Page.)