

# Giant Strides of Promising East Tintic Properties

**S**O GREAT has become the east end of the Tintic district during the past year that it is now almost a district by itself, and generally known as the East Tintic district. Within this domain are some of the greatest prospects for the year 1910. This younger section of the Tintic territory is well fitted with the things that have made old Tintic attractive. It is endowed with great mineral resources, according to indications, and it is more than probable that it will shortly blossom out as great as old Tintic.

Although only one property has thus far developed the ore to any extent in this district, there is every indication that the coming year will see the greatest advance in this section of any in Utah. Among the properties in this section of the country the East Tintic Development stands among the first being the best developed. There are also such properties as the Wicklow, Grutli, Hammett Consolidated, Grutli, Provo, Eureka Lilly, Little Silver King, Tintic Standard, Tintic Gladiolus, Tintic Empire, East Tintic Gold King, Bullock, Tintic Combination, East Tintic El Rey, and many others.

From these properties some ore has been shipped in the past year, but it is only a small amount compared with the plans that have been laid out for the year 1910. This district promises to produce a number of thousands of tons of silver during the coming year. There is every indication that these properties will carry out their promise.

**THE DEVELOPMENT MINE.**  
EARLY in the year 1909 the first strike of importance was made in the district in the property of the East Tintic Development company. The strike has continued to grow in importance and the ore is being found at depth. It is chiefly a lead ore, while depth is productive of greater silver values.

Up to the close of the fiscal year of this corporation on Nov. 1, the company had done close to 2,000 feet of underground work and the shaft had been sunk from 127 feet to 510 feet during the year. The amount of underground work done during the year was 1,785 feet.

The richness of the ore in lead has netted the company a good profit and the general average of the ore throughout the year has been in the neighborhood of \$15 a ton net, after deducting all smelting, freight and other charges. In all, something like 25 carloads have found their way to the market this year. The amount derived from this has been sufficient to keep 25 men employed on larger development work. Not more than four men have been employed on ore at any one time.

The property is one of the best equipped in Tintic. A year ago the equipment consisted of an old whim, an old white horse and four men. The improvements and equipment now installed at the place are worth over \$10,000. The equipment consists of boilers, geared hoist capable of sinking the shaft to 1,000 feet, air compressor, piston type rock drill, hammer drill, cage, cars, machine shop with dynamo, electric light plant for buildings and mine, energy stand, power saws for framing timbers, blacksmith shop, gasoline engine and pump for supplying water from well to mine, shaft house, bunk house, boarding house, an ore house capable of holding 75 tons of ore, office and a number of other buildings. There is probably not a better equipped property in Tintic for its size.

Ore values have been found principally in north-south veins or breaks with an east dip as a rule. These breaks are strong, regular, well defined, show every evidence of high mineralization, and must extend to great depth. Supt. Kellogg is of the opinion that at greater depth heavier silver values will be found.

As demonstrating the correctness of the theory of the increase of silver values as greater depth is attained, the following facts are found to exist. On the 330-foot level a break which has not produced any ore on any level above this point, shows a body of ore more than 20 feet long and from two to three feet in width, that carries from 10 to 18 ounces silver per ton besides lead values. In none of the high grade lead bodies found above can values of greater than 2 1/2 to 3 1/2 ounces of silver be found.

According to the annual report of Supt. Kellogg, the property will be on a dividend-paying basis by the forepart of the year 1910.

The officers of the company are: C. M. Richards, Clyde, O., president; W. F. Giles, Provo, vice president; W. D. Bonham, Provo, secretary and treasurer. The officers, with R. A. McBroome and Harvey Cluff, compose the board of directors.

**MONEY IN LEASES.**  
Besides the well known producers, the district has had a number of leases at work and they have made money. As these were all private enterprises, no record of their achievements has been kept.

The year of 1910 will open with greater activity in Tintic than it has ever known before. In the market its stocks have suffered more than any other and yet it has been one of the wonders of Utah. Next year will see more producers in the district than ever before. Several of the old producers have settled their troubles and early in the year it is expected that their names will be added to the list. In the heart of the district are many anxious properties. They are just on the turning point. In North Tintic are several that will shortly begin an era of production and in East Tintic it is certain that several properties will become dividend payers shortly.

The most severe blow that the district receives during the year was the closing of Jesse Knight's Tintic smelter. Silver City was hit the hardest by this and several hundred men were thrown out of work. It was declared that on account of the grade of ore received at the smelter it was impossible for the work to go ahead at a profit. Mr. Knight decided to close the plant down until such time as ore for the proper mix could be secured. Since then Mr. Knight has acquired interests in Nevada, which it is believed will be productive of the kind of ore most needed for his furnaces.

**RIDGE AND VALLEY.**  
Early in 1910 the Ridge and Valley mine will begin pushing its shaft to depth. At present it is down 800 feet and it is intended to send it 900 or 1,000 feet deeper. It has two compartments and is able to handle a good tonnage. But little shipping has been done by the property during the past year, as it has been worked through the Gemini shaft. Some development has been done, but plans for a greater campaign of development are now being made.

**SULPHIDES AT GEMINI.**  
Among interesting developments in the Tintic district this year is the reaching of the sulphide zone by the Gemini Mining company. It was the first to reach the change from the oxide



Property of The Tintic Standard. EAST TINTIC DEVELOPMENT. BULLOCKS AT THE PROVO. Where The Provo Mine is Getting Ores.

**THE GRUTLI.**  
A MONG the many promising properties of East Tintic is the territory owned by the Grutli Mining company, which has its headquarters at Provo. This company has been pushing work during the past year and is one of the properties of great promise for the year 1910.

Something over 20 years ago, John Bestelmeyer, a German baker, stopped off in Salt Lake City. He soon acquired a strong desire to search for mineral. He became the pioneer of East Tintic and most of the properties that are now being worked there at some time or other were owned by him. In spite of the many valuable holdings that he allowed to slip through his hands, Mr. Bestelmeyer clung to the ground he has incorporated as the Grutli. It has been his pet during his many years of hardship.

The Grutli consists of seven patented claims, containing 50 acres, north of the Big Hill and west of the Provo. John Bestelmeyer is president of the company, while his son, John M. Bestelmeyer, is vice president and general manager. Heber C. Hicks is secretary and treasurer.

Work on the Grutli has been pushed throughout the year. One year ago only a bunk house was on the property. Since then a hoist has been installed, a well dug and a well house built, a hoist house constructed, good gullows frames set up, and a stable erected. Throughout only first class material has been used.

One of the prettiest shafts in the country has been put down on the property. It has been put down in one of the finest locations in the canyon, affording an excellent place for a dump and giving a great vantage point for the crosscutting of the contact that cuts through the property. To the north of the shaft at the top of the hill is a big iron block out such as has been indicative of ore in the Tintic district.

The shaft has reached a depth of 200 feet and a drift has been sent to the north to crosscut a contact. From indications it is believed that early in the coming year another mine will be added to the East Tintic section.

**IRON BLOSSOM.**  
The baby bonanza of the Tintic district this year is Iron Blossom, and the young stripling has developed into a giant in one short year. In production it has been shown to be exceptionally rich. Ore was struck early in the year and five dividends have been paid. Not enough work has been done to determine the full extent of the treasure held in this company's ground. The ground is now being explored at depth and it seems more than likely that the greatest feature of the "Wizard of Tintic" has been long declared that this property will be his greatest work, and it seems probable that it will.

**TETRO AND PLUTUS.**  
The ground of the Tetro and Plutus mining companies was combined during the year and the Plutus Mining company is now in control of the property. Although considerable work has been done on this property and a few shipments of ore made, nothing of importance was developed.

**GRAND CENTRAL-VICTORIA.**  
Another vein of ore has been opened in the Grand Central ground at a depth of 2100 feet during the year. This has been the greatest feature of the mine. The ore has been the same high grade copper that was formerly mined. During the latter part of the year Victoria and Grand Central have been steady shippers. The suit between the Grand Central and Mammoth was also settled during the year.

**THOUSANDS FOR EQUIPMENT.**  
To speak of all the accomplishments of the Tintic district during this eventful year would be impossible. Thousands of dollars for equipment have been spent in the district during the year and several miles of development work has been performed. In spite of this a world of wealth has continued to pour out of the district. The daily output of the district has been equal to better than 20 carloads of ore a day. In all close to 400,000 tons of ore have been mined in the district this year and it required over \$500,000 to carry the metal-bearing rock away.

Colorado has been the star dividend performer of the district and in fact the entire state. It has steadily continued to pay an 8-cents-a-month dividend, and at the end of the year it stands with a record of \$600,000 for 65 days work. This is better than the production of the great Silver King. This property paid \$337,500 in dividends during the year.

**THE MAY DAY.**  
During the past year the May Day

holdings. This company is one of the first to mine under a city.

**COLORADO.**  
The greatest dividend payer in the Tintic district this year was the Colorado Mining company. Ever since it started on the primrose path of distributing velvet until within the past few months the property has been under the superintendency of John Rounley. He has severed his connections with the Knight interests and has since devoted his time to his own properties.

The property has ore blocked out that will insure many more dividends. The principal work at the property now is seeking for the ore at greater depth.

**SIoux.**  
Early in the year W. D. Loose was made superintendent of the Sioux Consolidated property and under his management the company has been made to produce considerable over half a million dollars in dividends. Persons who have gone through the property recently declare there is much rich ore blocked out and it will be many months before the reserves are worked out.

**CENTENNIAL EUREKA.**  
The building of the Holden tunnel from the county road to the Centennial Eureka shaft has been one of the big pieces of work started by the Centennial Eureka during the year. The tunnel is 3,000 feet long and will cut the shaft close to 550 feet from the collar. This will mean a great saving in pumping and in the hauling of mine timbers. It is estimated that at least \$15,000 a year will be saved by the tunnel which will be completed shortly after the first of the year.

**IRON KING.**  
Col. E. C. Loose, who is one of the chief interests in the Iron King Consolidated, has been pushing development work there throughout the year. The property is developed principally by a tunnel and it is declared that without the finding of high grade ore this property could yield a handsome revenue from its iron ore alone.

**EUREKA HILL.**  
The Eureka Hill mill, one of the old land marks at Tintic, is now a thing of the past. During the year it was torn down and sold. The mill was one of the monuments erected by the late John Q. Packard and it is said to have cost close to half a million dollars. But little work has been done at the Eureka Hill for years, only a few leasers are working in the mine.

**BULLOCK AND OTHERS.**  
Considerable stir was started early in the year by the properties in the southwestern part of the district, namely the

## THE PROVO.

**W**HEN the New Year smiles in the eastern section of Tintic, he will be aware that a great change has taken place and that the birth of a new era for that country is at hand. On that occasion the Provo Mining company will have one of the big things of the district.

For many months past Del Roberts, former superintendent of the Sioux Consolidated, with C. E. Huish, Ralph Kellogg and a number of other well known mining men of Eureka, has been working a lease on the Provo and is at present developing a large body of lead-silver ore. This is destined to be one of the great mines of the district. The lessors also have an option on a large block of treasury stock. The property adjoins the East Tintic Development.

Mrs. Kitty A. Hines of Provo is president of the company and the controlling factor. W. H. Dusenbury is secretary and treasurer. The property consists of three patented claims. It is capitalized at \$100,000, with shares at 25 cents each.

## THE TINTIC STANDARD.

**O**NE of the largest holdings in the East Tintic district is that of the Tintic Standard, of which Emil J. Raddatz of Salt Lake City is general manager. Besides its large estate the property has been one of the most active workers during the year. A force of men under Supt. Oscar Raddatz has been busy putting down the new shaft at the property.

Formerly an incline shaft 420 feet long was used to explore the property. On account of the expense of this, it was abandoned and the company went out after a record in sinking a double compartment shaft to the 600-foot level to get below the leached zone. In 90 days, by sinking and raising, Mr. Raddatz put the shaft to the required level. The shaft is now being made deeper and it is probable that by now another mine has been made in East Tintic.

Considerable ore was found in the old workings, but it was badly leached. It is certain that with depth one of the big mines of the district will be found.

## THE WICKLOW.

**A**NOTHER property which will be pushed to the front during the coming year is the group of claims owned by the Wicklow Mining company, immediately north of the East Tintic Development, Grutli and Eureka Lilly properties. The Tintic Standard ground lies slightly to the south and east. Work is now being pushed on the property and the 511 foot tunnel is being driven further into the hill.

The face of the tunnel is now highly mineralized, being heavily stained with iron and shot with pyrites. One of the most continuous east and west breaks to be found in the district crosses the property, and the tunnel has penetrated it for 110 feet with no indication of the foot wall. It is the intention to continue the tunnel to the other side of the break, attaining a vertical depth of 300 feet and then sink several hundred feet before crosscutting to the east will begin.

With the exception of the southern end of the property, where the lime is in evidence, the surface is covered with a rhyolite overflow which makes it impossible to trace the continuation of the East Tintic Development and Tintic Standard veins. Should the north-south fissures hold their course, and they vary but slightly in the district crosses the property, and the tunnel has penetrated it for 110 feet with no indication of the foot wall. It is the intention to continue the tunnel to the other side of the break, attaining a vertical depth of 300 feet and then sink several hundred feet before crosscutting to the east will begin.

The company is controlled by J. B. Caldwell and A. J. Weber of Salt Lake City, who are president and secretary, respectively, of the corporation.

The work is now being done under the direction of W. C. Clark, former superintendent of the Tintic district, and Blue Bell, and who is also one of the heavy stockholders. Pennsylvania capital has been backing the company, while among the Utah men favoring it are W. Bird of Eureka, Wilford F. Giles of Provo, S. V. Derrah, H. M. Dinwoody and George Curley.

## Tintic Ore Shipments for the Year 1909

**T**HE following were the ore shipments out of the Tintic district for the year 1909, making a grand total of 3,195 carloads for the year. Of this number 4,342 cars were of 50 tons capacity and 3,853 of the 20-ton size. The total number of tons of ore shipped out of the district was 233,180. This means that one train of 20 cars was sent out of the district each day to the smelters. The following are the figures:

Mines.	Carloads.	Lehi Tintic	107
Ajax	69	May Day (ore)	28
Ajax	7	Mammoth	151
Bullion Beck	39	Monterey	1
Black Jack	35	*North Cliff	1
*Black Jack	22	Opohongo	7
Brooklyn	22	Plutus	2
Bullock	130	Ridge and Valley	647
*Beck Tunnel	26	Sioux Consolidated	47
Beck Tunnel	156	Swansea	19
Beatrice	4	*Snowflake	54
Bullock	123	St. Louis	43
Centennial Eureka	2,026	*Salvador	2
Colorado	125	Scotia	5
*Colorado	1,283	Uncle Sam	135
Carson	4	Undine	3
Chief Consolidated	22	Utah Consolidated	3
Dragon Iron Mine	14	Victoria	97
*Dragon Iron Mine	1,235	Victor Consolidated	77
Eureka Hill	85	Yankee	77
Eagle & Blue Bell	60		
East Tintic Development	28		
Gemini	118		
Grand Central	143		
Iron Blossom	143		
*Iron Blossom	969		
Lower Mammoth	4		
LaClede	2		

**Total** ..... 3,195  
\* Designates cars of 20-ton capacity shipped to the Tintic smelter before it closed; all others of the regulation 50-ton capacity.