

GENERAL MINING NEWS.

The Condition of Properties in the Territory of Montana,

And the Mineral Producing Regions Generally West of the Mississippi.

Montana.

The Alice shipped 19 bars of silver worth \$31,200 from Butte last week.

Birch Creek, Meagher county, is beginning to loom up as a mining camp.

The new concentrator at the lower works at Anaconda are about starting up.

Twenty-two bars of bullion, valued at \$36,288 was shipped from the Bluebird at Butte last week.

The placers on the upper Big Hole river are to be worked for all they are worth during the coming summer.

Inter Mountain: E. M. Bowen and wife have sold to Jeremiah Griffith an undivided one-twelfth interest in the Lloyd & Harris tunnel, and the Pennsylvania and Jamestown lode claims; consideration, \$1,500.

The Montana Central railroad tunnel at Wickes has already discovered some very rich veins, and as the tunnel will pass 750 feet below the surface, much more may be expected from it in the way of prospecting the hill.

Husbandman: Mr. Balis, who has leased the 10-stamp quartz mill at the head of Montana gulch, near Diamond City, will start it up this week. He has made some additions to the working process and expects to succeed this time in saving the gold.

Dillon Tribune: "We were shown some pretty nuggets from the Dyer creek placer mines this week by J. J. Loughbridge. One of them weighed seven dollars. A recent day's clean-up on that creek resulted in the handsome sum of \$82.50 to the man.

Husbandman: Messrs. Edwards & Barker are making preparations for the permanent working of the Bourbon mine, Neilhart district. They are erecting stables, sheds and shaft houses, and are putting up a wharf. They contemplate a 5-stamp mill at an early day.

Inter Mountain: Wm. L. Farlin has leased to A. W. Barnard all placer mines and placer mining ground included within the boundaries of the Reserve quartz claim, for the term of two years, and given a ten years' right to a reservoir site, for placer mining purposes. The consideration is \$250.

Miner: J. M. Shanefelter and J. D. Crooks have discovered and are now developing on Lost creek, four or five miles from Anaconda, a vein of superior bituminous coal, and have a tunnel in 300 feet and a shaft 70 feet deep. The vein is 27 inches wide and widening. Seven men are now employed and the force will soon be increased to twenty.

The recent sale of the Bunker Hill and Sullivan mines, on the South Fork of the Ceur d'Alene, has given an impetus to that section which may be designated as a boom. The Louisville, Kentucky, company which purchased the Golden Chest, have already expended about \$400,000 in mines and machinery. From the gold leads on Ophir hill four carloads are producing from \$7,000 to \$8,000 per month.—Independent.

The April output of the Jay Gould was \$21,800 from its ten stamps, the largest as yet since operations were commenced. The 350-foot level east has struck a chute of very rich ore from seven to eight feet wide. The erection of twenty additional stamps is being discussed, but will not be commenced immediately. The main working tunnel which is to touch the vein at the 350-station will greatly reduce the working expenses, but cannot be completed until July.

The Northern Pacific railroad will have an exhibition at the American exhibit, at London, and are desirous of receiving specimens of gold and silver rock from the mines throughout Montana. Samples of ore should be of fair size, with the name of mine, owner, location and assay value, written plainly on the label. The ores should be securely packed and sent to P. B. Groat, general emigration agent N. P. R. R., St. Paul, Minn., and should be forwarded immediately.

In the Bluebird, at Butte, a south crosscut is being driven from the 400-foot station. The hanging wall of the vein was reached last Tuesday at a distance of 145 feet from the shaft, and within a few days the footwall will be reached and the width and quality of the ore ascertained. The ore so far as penetrated is no baser than in the upper levels, and the appearance and assay value of the mineral remains the same. In the upper levels of the mine the extraction of ore keeps pace with the mill capacity.

Last week the mill men of Butte met to discuss the salt question, the result being a telegram to General Traffic Manager Kimball, of the Union Pacific, asking that the rate on salt be reduced to that paid for coal. Salt laid down in Butte now costs \$15 per ton, while it costs but \$3 per ton laid down in Ogden, the additional \$12 a ton being equivalent

to a freight of three cents per ton per mile to Butte. In the event of a refusal by the railroad to accede to their request the parties interested will appeal to the inter-state commerce commission, and if their demands are granted there will be a saving to the mills of \$300 per day or \$108,000 per year.

Miscellaneous.

The Bannack, in Idaho, shipped \$3,500 worth of bullion on April 19.

The total ore shipments from Leadville during March were 883 tons.

The tunnel at the Crossus, Idaho, cut into the ledge last month, and at last report had gone 20 feet without reaching the other wall. The tunnel is at a depth of 250 feet from the croppings and the ore is high grade.

George A. Runk, manager of the mining property and furnace at Sprucemont, tells the Elko, Nevada, Free Press that the outlook is good for a lively camp at that camp this summer. The new 40-ton smelter is about starting.

The March clean-up at the Uncle Sam, in Dakota, was \$12,000, and was not a thorough one. The results will be greater when the water from the spring floods decreases, the want of adequate pumping machinery causing it to be very troublesome.

The Stevens mine on McClellan mountain in Colorado, owned by H. M. Griffin, is a veritable bonanza. The output is now nearly \$1,000 per day and valuable improvements are being made. A tunnel is now being run at a cost of \$10,000 to tap the vein at great depth. It includes twenty-one claims, all patented.

In Stein's Peak district, Arizona, last month James Coyle and his partner made a strike of wonderful richness and extent. The property is called the Way Up, and lies about one-half mile north of the John Smith. The rock assays \$1,200 in free gold and \$320 in silver, and the property is generally conceded to be well named.

The Franklin Mining company of Aspen, Col., have, at a depth of 630 feet and a cost of \$20,000, struck a large body of high grade mineral, and it is now discovered that they are not on their own ground, but on an adjoining claim called the Jessie. It is understood that the owners of the Jessie have deeds in escrow for the disputed ground for \$9,000 for 30 days.

FRUIT TREES, ETC.

Adapted to the Soil and Climate of Montana.

In compliance with a request of a correspondent made some time ago, asking the names of the hardy varieties of fruit and forest trees, we publish below a very complete list prepared by George B. Hartman, of Missoula county, who is extensively engaged in horticultural pursuits:

ORNAMENTAL TREES.

Norway spruce, arbutus American all kinds imported cypress and holly.

DECIDUOUS TREES.

White ash, beech, cut-leaved birch, catalpa, horse chestnut, mountain ash, hard and soft maple, silver-leaved poplar, silver-leaved maple, Lombardy poplar, weeping willow, hickory, oak, walnut, elm, and all kinds that grow in northern Illinois, northern Ohio, and New York.

APPLES.

Summer varieties—Early harvest, early strawberry, golden sweet, red astrachan, sweet bough, tetofsky, red June, Duchess of Oldenburgh, yellow transparent benoni.

Autumn varieties—Autumn strawberry, Alexander, fall jonneting, fall pippin, colvert, famine, bethel, bellefleur, gravenstein stump and swart.

Winter varieties—Ben Davis, greening, baldwin, rambo, red check pippin, fallow-water, famense, golden russet, green sweet, lady apple, hass, king of Tompkins, limber twig, pearmain, McIntosh, red, Mann, northern spy, powakeo, Rawl's Janet, Tolman sweet, Wagner, wine sap, wealthy, wallbridge, Stark, western beauty, willow twig and smoke house.

CRAB APPLES.

General Grant, hyslop, Montreal beauty, Power's large crab, transcendent, Van Wyck's sweet, and many other kinds.

CHERRIES.

Early Richmond mont-morency, ox-heart, May duke, and all varieties that are hardy enough to stand the weather will do well.

PLUMS.

Bradshaw, blue, imperial gage, green gage, yellow gage, Lombard, weaver, wild goose, purple egg, yellow egg, Pond's seedling, damson. Any variety of plum catalogued will grow here.

GRAPES.

Concord, agawan, naoma, and lady.

STRAWBERRIES.

Crescent seedling, juenta, Sharpless and Wilson's Albany.

RASPBERRIES.

Red—Thwack, Cutlibert, or any kind that is planted. Black—Gregg, Ohio, or any hard variety.

BLACKBERRIES.

The Snyder, or any variety that is hardy.

GOOSEBERRIES.

Downing, Houghton, seedling, large transparent. Any kind may be grown. All standard pear trees will do well. Husbandman.

TEX COLLINS, OF YAHILL.

[Written for the Mail.]

"How is everything in Deer Lodge, en is the folks all well?" Well, the town ain't a sufferin', stranger; the folks can go to h—l. Fer, 's a man es is a man an' allus pays my way, An' when I gits it in ther neck, I hain't got much ter say.

I'm kinder riled this mornin' pard, as yer see I hev rid ter ther city, en things hain't gone jest right; The story hain't a long win, nor a amusin' win ter me, Konderin', ther es prinsepul, I am here sense sixty-three.

En it hain't along of my gamblin', or that folks looks up ter me, Aroun' these parts checkshun day, ter see as how things be, Or, that I arbitrate ther differences, with a fair imparshul han', Es becomes a pioneer an' a representative man.

Thar is others es will tell yer, ther I kin hold my own 't cards, En, es fer a gitten a deck up offen my knee, I need no outside pards, But let all the jest as it may, ther's suthin' in' yet lacks— Ther understandin' how ter play ther game they calls Four Jacks.

Well, I was served with a suppy, en I lites out from the bar; I rides ter Deer Lodge City, whar I shaves an' cuts my hair, Kase I allus likes ter git in court, es becomes a man 'like me. Who hes ruffed it in this country sense the yar of sixty-three.

Arter registin' at ther Scott House, whar I talks till I gits dry, I ambles rou' ter Pettys' ter fill up on rock en rye, En I axes up ther gang as was settin' rou' ther stove, Ses George, "Is that you, Collins?" Ses I, "I hev jest arrivee."

Well, we sot aroun' a table, jest es free en so-shuble like Es we used ter in ther ole days, in Murray's saloon et Pike; Ses George ter me, "Tom Collins jest play a game of kards, Whar every man is fur himself, an' thar is no sech thing es pard."

I'm naturally on suspicious, ses I, "What is yer game?" "Four Jacks," ses Pettys; "Blue Dick," ses I; ses George, "It's all ther same. Instead of one jack, jes take four; but you mus' keefal be, Fer ten jacks pays for the flicker, son, fur Pettys, you an' me?"

Now, the prinsepul of this durnish game is ter feller suit if yer can, To keep outen the lead, an' take up the tale, with a big kard in yer han', Ter hot ther smallest in ther deck en atlas chuck a jack, En shuffal keefal every time that George hes a bolt of ther pack.

Well, I loosed ther game, as all that nite, ther gang stood in an' drinked, Fur I tuck every Jack es they kin along, an' I sat, an' therot an' thinked, Ther ther chances was, es I looked to me, that I was gettin' wadin' my shoe, Ther George an' Pettys was amusin' the boys at the expense of Pettys' kin.

I held ther axes, kings and queens, never less than a greasy jucker I never seed sech han's afore got outen a pastebord pack, An' the longer I played, the wass they cum, till I got so alrid mad Ther I ses ter George, "I guess, I'll quit, ther kards is a rummin' bad."

So I ris up outen ther cuss'd seat, an' in a cam and digitized way, Ses I, "Wot ever Tom Collins owes, he hes got ther dust ter ter pay, But es a gambler's man, an one who likes to see things on ther squar; Sech han's es I hev held this nite, don't go on Pilgrim Bar.

Yaas, it ruther riles me stranger, konderin' ther I've been Kinder looked up to in these parts, on sure things ter win, Fur I'm a power in a convenshun, an' a terror at a primance, But this is the wass I ever struck sense the fall of sixty-three.

INOBERRA.

Managing for Eggs.

In relation to failures in the care of fowls, the Dakota Farmer says: When the poultryman has made his preparations and begun his operations, he is often disappointed at not receiving a fair return in eggs for the attention and care bestowed. The majority of failures arise with those who have given the fowls all they can eat, with a liberal supply of ground oyster shells, ground bone, gravel, fresh water, and green food; no eggs reward the persevering poultryman. The cause of failure is that the hens are over-fed. It is always a mistake to keep food before them, and, though a variety should be given, care must be exercised not to feed a full meal except at night. If the food is so given that the hens will not be satisfied with the quality they have received they will hunt for more, and keep busily at work. This avoids illness and prevents them from pulling feathers or becoming too fat. In the morning the soft food may be given, but it is best not to give quite enough rather than a full allowance. Then scatter a few grains in cut straw, dirt or litter, and let them go to work scratching. At night give a full meal. By keeping the hens warm, busy, and in moderate condition they will lay well.

The Holden Smelting company has contracted for half of the output of Small Hopes, Col. The production is about 2,000 tons monthly, and the balance goes to La Plata.

A Country Home.

The sons and daughters of our rural homes are the physical and intellectual giants and giantesses of the world. Their life in the open air, in the pure uncontaminated atmosphere of forests, and fields laden with health and the perfume of flowers is especially fitted for the finest possible physical development, and a healthy organism is productive of the best possible mental condition. The constant association with nature induces more thought, and a vigorous manhood or womanhood, enables the mind to grasp the great problems of life more successfully and wrestle with them more successfully than is the case under any other circumstances. The boy that grows up in the country if he is properly supplied with books and papers will grow up to be a free and independent thinker and a self-reliant man. He will be capable of going forth in the world and carving out his own fortune. True, he will not be schooled in the chicanery and trickery often employed in trade which the city chap is first to learn. But he will be able to take hold for himself anywhere and at anything when opportunity offers and drive to success. The woman, also, who is reared within genial precincts of a country home is not only robust and healthy a perfect picture of beauty, refined in sentiment, but also learns the lesson of self-reliance. She can ride, drive, harness a team, milk the cows in a case of emergency, and perform most of the ordinary duties of country life. She can also make a full hand in the kitchen and is not compelled to dish up cold hash to the family when mother fails to be in at meal time, but can go into the kitchen and prepare a nice meal. She is in fact a housekeeper and will in nine cases out of ten prove a prize to him who draws her in the matrimonial lottery. The truth of these observations being so apparent on every hand, we trust our country friends will instead of despising their calling and grumbling at their lot in life, become contented and happy and make merry while they can, for there is no calling in life where the opportunities for pleasure are within such easy reach as in the country home.—Husbandman.

Mining Application, No. 1,942.

U. S. LAND OFFICE, HELENA, M. T. } March 25, 1887.

Notice is hereby given that Robert S. Kelley and Philip E. Evans, whose post office is Deer Lodge, Deer Lodge county, M. T., and Salton Cameron, whose post office is Cable, Deer Lodge county, M. T., have this day filed their application for a patent for 1,500 linear feet of the LUXEMBOURG lode mining claim, situate in Georgetown Mining District, Deer Lodge county, Montana Territory, designated by the field notes and official plat on file in this office as Lot No. 35 in U. S. n of r 13 w, and more particularly described as follows, to-wit:

Beginning at Corner No. 1, a granite stone 24x147 inches, marked 1-1,852, from which Initial Point, No. 1, for Georgetown Mining District, bears n 64 deg, 34 min e, 6,154.72 feet, and 1 sec. cor. between Sec 19 and 29 in T. 5, n of r 13 w, bears s 37 deg, 57 min, 30 sec w, 19,177.8 feet; thence s 45 deg, 30 min e, 510 feet; thence s 42 deg, 41 min w, 1,500 feet; thence n 45 deg, 30 min e, 500 feet; thence n 45 deg, 30 min e, 1,500 feet; to place of beginning—magnetic variation 22 deg, 29 min e, 23 deg east—embracing 19.10 acres, of which 2.10 acres is in conflict with Survey No. 1,382 and claimed. The location of this mining claim is recorded in the office of Recorder of Deer Lodge county, M. T., in Book "C" of Lodes, at page 154.

There are no known adjoining claims except the Nautic lode, Survey No. 1,382, which conflicts with this mining claim on the northeast. S. W. LANGHORNE, Register.

O. B. O'BANNON, Atty for Applicants. First Publication, March 31, 1887.

Mining Application, No. 1,941.

U. S. LAND OFFICE, HELENA, M. T. } March 25, 1887.

Notice is hereby given that Robert S. Kelley, whose postoffice is Deer Lodge, Deer Lodge county, M. T., Rachel A. Halsted, whose postoffice is Philipsburg, Deer Lodge county, M. T., and Salton Cameron, whose postoffice is Cable, Deer Lodge county, M. T., have this day filed their application for a patent for 1,500 linear feet of the REVENUE lode mining claim, situate in Georgetown Mining District, Deer Lodge county, Montana Territory, designated by the field notes and official plat on file in this office as Lot No. 50 in U. S. n of r 13 w, and more particularly described as follows, to-wit:

Beginning at Corner No. 1, a granite stone 30x12x12 inches, marked 1-1,852, from which Initial Point No. 1 for said mining district, bears n 82 deg, 53 min e, 3,495.57 feet; thence s 53 deg, 55 min e, 600 feet; thence s 51 deg, 48 min w, 1,500 feet; thence n 56 deg, 55 min w, 600 feet; to place of beginning—magnetic variation 22 deg to 22 deg, 30 min east—containing 13.20 acres.

The only known adjoining claim is the Pyrenees lode, Survey No. 1,383, on the southwest. S. W. LANGHORNE, Register.

O. B. O'BANNON, Atty for Applicants. First Publication, March 31, 1887, 10-1

Notice of Final Entry.

U. S. LAND OFFICE, HELENA, M. T. } April 13, 1887.

Notice is hereby given that the following named settler has filed notice of his intention to make final proof in support of his claim, and that said proof will be made before Oren Emerson, at Deer Lodge, Montana, on Monday, May 23, 1887, viz: THOMAS W. ROBINSON, of Philipsburg, Deer Lodge county, Montana, who made pre-emption declaratory statement No. 8019 for the n 1/2 n of r 13 w, T. 5, n of r 13 w.

He names the following witnesses to prove his continuous residence upon, and cultivation of said land, viz: Pleasant A. Shilling, James Officer, Frank Young and D. Archie McPhail, all of Philipsburg, Montana. 12-6t S. W. LANGHORNE, Register.

WM. HAMMOND & CO.

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Leaves: Philipsburg at 9:00 a. m. Philipsburg at 5 p. m. Philipsburg, 8:00 a. m. Anaconda, 5 p. m. 2nd Offices, Anaconda, W. J. Matthews, Philipsburg, Ben Pizer.

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All kinds of Cleaning and Repairing Neatly Done.

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Stallion For Sale!

Description and Pedigree:

JIM T. is a beautiful sorrel stallion, weighs 1,300 pounds, and stands about 15 1/2 hands high, is a good setter, and of a kind disposition. He is a horse of remarkable fine action, and can show a good road kick, although he has never been trained.

Jim T. was foaled in 1878, sired by Fayette Manbrino, he by Manbrino Patchen, a full brother to Lady Thorn, record 2:40. Fayette Manbrino's dam was Annie Eastin (the dam of Ester Maid, record 2:20 by Morgan Butler, second dam by Manbrino Chief, his breeding will be found in Bruce's Standard Book.) Jim T. was damed by Zephyr, she sired by Dasher. Zephyr was a running mare brought to Montana by Talbot & Downs, and was a mare that showed extra good blood and breeding.

For Further Particulars Inquire of JAMES McDONEL, Philipsburg. Or at the MAIL OFFICE. 13-1t

Silver Lake House,

J. W. Dawson, Agent.

Best Accommodations

GUARANTEED TRAVELERS.

The tables are unexcelled. Stop at the Silver Lake one and you will go there again. All stages stop at the door.

BROADWAY, PHILIPSBURG.

For Rent. Eleven unfurnished rooms suitable for lodging-house, Millot's Building, Broadway. Inquire of H. MILLOR, on the premises. 14-1t

Mining Application, No. 1,933.

U. S. LAND OFFICE, HELENA, M. T. } April 2, 1887.

Notice is hereby given that John W. Opp and James A. Pack, whose postoffice is Philipsburg, Deer Lodge county, Montana, have this day filed their application for a patent for 507 linear feet of the GUSTIE lode mining claim, situate in the Black Pine Mining District, Deer Lodge county, Montana, designated by the field notes and official plat on file in this office as Lot No. 41 in (supposed) T. 8, n of r 15 w, and more particularly described as follows, to-wit:

Beginning at Corner No. 1, a slate stone 30x16x6 inches, marked 1-1,894, from which Initial Point No 1 for said mining district bears s 37 deg, 1,564.97 feet distant; thence s 70 deg, 45 min e, 450 feet; thence s 4 deg, 13 min w, 507 feet; thence n 70 deg, 45 min w, 480 feet; thence n 4 deg, 13 min e, 507 feet to place of beginning—magnetic variation 21 deg, 40 min e embracing an area of 5.17 acres, all claimed by applicants.

The original location of this mining claim is recorded in the office of the Recorder of Deer Lodge Co., M. T., in Book of Forms No. 1 of Quartz Records at Page 251, and the amended location in the same Book of Records at Page 432.

The only known adjoining claim is the Combination lode, survey No. 1,752, on the north. S. W. LANGHORNE, Register. O. B. O'BANNON, atty for applicants. First Publication, April 7, 1887.

Mining Application, No. 1,819.

U. S. LAND OFFICE, HELENA, M. T. } March 22, 1887.

Notice is hereby given that Nicholas J. Bielenberg, whose postoffice is Deer Lodge, Deer Lodge county, M. T., and John H. Huffman and Peter F. Scherr, whose postoffice is Stone Station, Deer Lodge county, M. T., have this day filed their application for a patent for 1,500 linear feet of the IRON CLAD lode mining claim, situate in the Boulder Mining District, Deer Lodge county, Montana, designated by the field notes and official plat on file in this office as Lot No. 50 in (unsurveyed) T. 8, n of r 13 w, and more particularly described as follows, to-wit:

Beginning at Corner No. 1, a granite stone 24x16x8 inches, marked 1-1,982, from which Initial Point No. 1 for Boulder Mining District bears n 45 deg, 24 min w, distant 8,017.2 feet; thence s 24 deg, 25 min e, 1,500 feet; thence n 52 deg, 22 min w, 600 feet; thence n 24 deg, 25 min w, 1,500 feet; thence s 52 deg, 32 min w, 600 feet to place of beginning—magnetic variation 22 deg, 30 min e—embracing an area of 20.13 acres, all claimed by applicants.

The original location of this mining claim is recorded in the office of the Recorder of Deer Lodge county, M. T., in Book of forms No. 1 of Quartz Records at page 451, and the amended location, in the same Book of Records at page 570.

The adjoining claims to these premises are the Non Pareil lode, survey No. 1,985, on the southeast, and the Silver Clad lode (unsurveyed) on the northwest.

S. W. LANGHORNE, Register. O. B. O'BANNON, Atty for Applicants. 9

Mining Application, No. 1,818.

U. S. LAND OFFICE, HELENA, M. T. } March 22, 1887.

Notice is hereby given that Charles S. Warren, whose postoffice is Butte, Silver Bow county, M. T., Nicholas J. Bielenberg, whose postoffice is Deer Lodge, Deer Lodge county, M. T., and John H. Huffman and Peter F. Scherr, whose postoffice is Stone Station, Deer Lodge county, M. T., have this day filed their application for a patent for 1,500 linear feet of the NON PAREIL lode mining claim, situate in the Boulder Mining District, Deer Lodge county, M. T., designated by the field notes and official plat on file in this office as Lot No. 51, in (unsurveyed) T. 8, n of r 13 w, and more particularly described as follows, to-wit:

Beginning at Corner 1, a x and 1-1985 marked on limestone bed rock with mound of stone alongside, from which Initial Point No. 1, for Boulder Mining District bears n 45 deg, 43 min w, distant 10,406 feet, thence s 37 deg, 28 min e, 1,500 feet; thence n 52 deg, 32 min e, 600 feet; thence s 37 deg, 28 min w, 1,500 feet; thence s 52 deg, 32 min w, 600 feet to place of beginning—magnetic variation 22 deg, 30 min e—embracing an area of 20.66 acres, all claimed by applicants.

The original location of this mining claim is recorded in the office of the Recorder of Deer Lodge county, M. T., in Book of Forms No. 1 of Quartz Records at page 450, and the amended location in the same Book of Records at page 509.

The adjoining claims to these premises are the Iron Clad lode, survey No. 1,982, on the northwest, and the Iron Mountain lode (unsurveyed) on the southeast.

S. W. LANGHORNE, Register. O. B. O'BANNON, Atty for Applicants. 9

Dissolution Notice.

Notice