

Virginia City, Nevada,
Aug. 29th, 1877

To the Presidents of the
Miners Unions of Storey and Lyon Counties,

Gentlemen:-

At a meeting of a delegation from your Unions, and a committee of Comstock Superintendents, certain agreements were entered into, some in writing and others verbally.

That your members may fully understand the Superintendents construction of the result of our harmonious meeting, I (on behalf of the Superintendents) ask that you place before your members for their endorsement the following:

The Superintendents agree to use their influence to induce all men in their employ as underground miners to join the unions, and upon complaint being made to either of them or their foremen, they will discharge a non union man, and in no way censure the miner making the complaint. This to take effect on the 10th day September 1877.

This is done to avoid the necessity of the Union sending any committee on that day to prevent a non union man from going underground.

The Unions thro' their delegates agreed,

First - Not to dictate to the manager of any mine on the Comstock who he should employ or discharge.

Second - Not to make any change in the present system of wages or hours of labor.

Third - Not to refuse good, worthy miners becoming members of the Union, or in other words, agreed not to make a close corporation of it.

The Superintendents would respectfully ask the Union as a body or any individual member thereof, to give them their aid in case of any trouble arising from the discharge of any non union man or set of men. You are all aware that we have in our midst a class of men who would be only too glad to see a disturbance, and for that purpose would join with a few dissatisfied ones to commit some

MINING LAWS OF THE GOLD HILL DISTRICT

Section 1.

No person shall be entitled to hold more than one claim in any one quartz lead by location.

2.

All quartz claims hereafter located shall not exceed two hundred feet in length including all dips spurs and angles.

3.

Any person or persons discovering a quartz lead shall be entitled to one claim in addition for such discovery.

4.

All quartz claims shall be duly recorded within five days from the time of location.

5.

All persons locating quartz claims shall define by a stake at each end of the claim where the ledge is visible, giving the names forming said company and the number of feet claimed.

6.

Any person or persons locating quartz claims where the ledge is not visible shall be required to set his or their notice as near as possible to said claims or claims until the ledge shall be defined giving the names forming said company as in section 5th.

7.

All persons holding quartz claims shall work to the amount of three days for each claim in each and every month on said claim or claims, or work to the amount of fifty dollars which shall hold said claim for the term of six months.

8.

No person shall be allowed more than one claim in any one gulch ravine or hill unless by purchase.

9.

All ravine or gulch claims shall not exceed one hundred feet square each, hill claims excepted which may be reduced to fifty feet front.

10.

All hill ravine or gulch claims shall be recorded within five days

from the time of location. Each claim or claims shall be defined by a stake at each corner with the names of the person or persons forming the company.

11.

All surface claims shall be worked within ten days after there is sufficient water to successfully work said claims.

12.

There shall be a recorder elected to hold his office during the pleasure of the miners.

13.

The duty of the recorder shall be to keep in a well bound book a record of all mining claims that may be presented for record with the names of the parties locating or purchasing with the number of feet claimed, where situated and the date of location or purchase; also return a certificate of record of said claim or claims giving the book and page of said record.

14.

The recorder shall be required to go upon the ground and place the stakes and notices upon the claims as in sections 5 & 6 and for such services shall be paid 75 cents per claim.

15.

The recorder shall not record any claim or claims that is already recorded and unforfeited according to the laws of this District.

16.

No Chinaman shall be allowed to hold a claim in this District.

17.

All claims located under the old law shall become subject to the revised law after the expiration of three months from this date as to the working of said claim or claims.

18.

It shall be the duty of the recorder to keep the books of record in a safe place, and allow the public to examine them in his presence.

19.

That the laws as adopted shall go into effect from this 4th day of March A. D. 1860.

I. H. Mills President

S. A. West Secretary

Bylaws of Quartz Miners.

Sec. 1
Art. 1st.

This District shall be bounded as follows - Beginning at the mouth of Six Mile Cañon - thence up Carson River to the mouth of Clear Creek - thence north to the edge of Washoe Valley - thence along said Valley east to opposite the east branch of Six Mile Cañon - thence south to the place of beginning -- and shall be called Columbia Quartz District.

Art. 2.

A man or company who prospects sufficient on a lode or spur to prove it gold bearing, shall, by posting a notice thereon and complying with the following articles of this law - hold six hundred feet to the man - with all its angles dips and spurs, together with two (hundred ?) feet of the earth on each side of the lode, dip or spur - not previously claimed for mining purposes.

Art. 3.

A notice shall specify the number of feet claimed and the direction - but a person or company claiming on a spur, shall hold on the main lode where the spur intersects, a number of feet equal to what is claimed in that direction - provided that a sufficient number of feet is claimed to reach the main lode - when such is the case the person or company shall claim an equal number of feet right and left on the main lode, provided that nothing in this article shall be construed to give the claimant more lineal measure than the notice calls for.

Art. 4.

A person or company shall have the same right as laid down in article third to any new lode or spur they may open or discover.

Art. 5.

A recorder shall be elected by the quartz miners - whose term of office shall be for six months. his duties shall be to record claims when called on; - for which service fifty cents shall be allowed each claim.

Art. 6.

A notice will hold a claim without working it for thirty days - Recording will hold a lode or spur for six months - if at the end of six months

COMSTOCK
Mining Laws
Columbia
Quartz District

one hundred dollars in work has been done on the lode or spur, it will not be jumpable - the above amount of work done on any lode or spur belonging to a company shall hold good all the claims of the company in that lode or spur.

Johntown Feb 1, 1858

W. H. Dolman
Recorder

(from an old paper marked 'copy of mining laws')

1st District Court

Osburne et al

vs.

Benjamin Hoover et al

County of Storey,

John H. Berry, being duly sworn deposes and says -

That he has no interest in the result of said cause. That he has lived in the Territory since 1856 - and been in and about Gold Hill and Virginia City, from that time constantly until about fifteen months ago, when I moved to the Valley above Genoa. That he was living at Gold Hill in the Spring of 1859, and knows of the mining ground and ledge located by Bishop, Camp and Rogers, in Gold Hill, now known as the Yellow Jacket Co's. Claims. That the Yellow Jacket Co's. ground was located in April 1839, by said parties, and at that time stakes were placed at each end of the Claim, and notices posted, and work commenced.

Deponent further says, that he knew Lyman Jones in the Spring of 1859, at the time of the location of the Yellow Jacket ground. That on the same day that the said Yellow Jacket Co's. ground was located, the said Lyman Jones made a location of surface ground for surface diggings, in front and to the East of the Yellow Jacket Co's. ground and ledge. That said Jones location was two hundred feet square, and was made for surface ground and placer diggings. That this location did not interfere with the Yellow Jacket Co's. ground and ledge. I never saw Jones doing any work on the Claim, and there was no work done on it. Jones always, in speaking of his location, told me that it was for surface diggings and a surface Claim, and that he had never done any work on it - and that his said claim did not conflict or interfere with the Yellow Jacket ledge. I never heard of the said Lyman Jones laying any claim to any portion of the Yellow Jacket Co's. ground. From the time of the location of the Yellow Jacket ground constantly up to the time that I left Gold Hill, the Yellow Jacket Co. had continued in the possession of the ground and to work and prospect the ledge and ground owned by said Company, without any interruption. The said Lyman Jones never claimed to me that he had located a ledge or for quartz, but

Osborne vs Hoover

simply a surface location.

signed John H. Berry

Subscribed and sworn to before me

this 9th day of March 1863

Notarial Geo. W. Gordon
Seal Notary Public

The Yellow Jacket ground located By James F. Rogers, H. B. Camp, and John Bishop, was the first quartz location Made in the gold hill Destrict, or what is now known as the gold hill Destrict. the Yelow Jacket ground was located By Stake and notice Comenceing at what is known as the Crown point Ravene and runing twelve hundread feet in a northerly direction to stake and notice - the location was made on or about the first of May fifty nine By Stakes and notices. But a few Days Previous to that we held By right of Discovery. And Actual poseshion of the ground. We had Done some work on the ground, and our tooles in the prospect hole for a Day or too Before we posted our Stakes and notices. Jones location was a little South and east of Whare our tooles was his location Called for two hundread feet Square of Surface - As we ware the first prospecters on the ground Jones must have made his location from the knowledg he had gained of our prospects thare. I do not know whether his notice was put up first or not. i did not see his notice till After our notices ware posted at each end of our Claim. We had some Conversation at the time with Jones Concerning the ground and Jones sed that it was not worth quarling about. Soon after this Jones moved to this place now Called virginia City. I heard no more Concerning his pretended title or right to the ground. until some time along in the summer of Sixty after we had Done Conciderable Work upon our claim and it was atracting a great deal of atention. Then Jones sold his pretended title to Osburn who sed that he would make something out of it as he was a law sharp and had never lost a Case. i never knew of enny vialonce or thretning Jones to not to work the Claim that he had located. but he left it with his on acord and free will.

signed James F. Rogers

Carson City 19th Jany. 1860

Know all men by these presents that I James F. Rogers Utah Territory do Bargain Sell and Transfer unto T. B. Winston in a certain Mining Claim or Quartz Vein Twenty five feet undivided Interest, known as the Yellow Jacket Claim for the consideration of two hundred dollars cash paid in hand as witness my hand and seal this day above written

(signed) James f Rogers

Attest

Edw. C. Morse

Filed and recorded 26th Jany 1860 in Gold Hill Records Book B and Page 46

Edw. C. Morse
Recorder

Note; An abstract contains the following notation; referring to a deed dated Jany. 22, 1861, Jas. F. Rogers to Theron B. Winston:

"No sale or mortgage appears of record from J.F.Rogers for any portion of the "Yellow Jacket Ground" previous to this date."

"I hereby certify that I have examined the records of Carson County and Ormsby County and the within is a true abstract. Carson City, U.T December 4th, 1862,

signed P. Warren Van Winkle
Notary Public

(notarial seal)

Cost, in detail, of working ore by Yellow Jacket Mill for the
Month of January, 1866

Quantity	Description of material	Total cost	cost per ton
24,493 lbs	Iron and castings	\$2,694.23	\$1.37
1,414 "	Sulphate copper	254.52	.13
829 "	Sulphuric acid	130.02	.07
3,932 "	Salt	147.45	.08
1,529 "	Quicksilver (being 12 oz. per ton)	1,055.01	.53
544-1/4 cds	Wood	4,392.38	2.23
	Labor	4,766.12	2.39
	Hauling		5.00
	Candles and oil	425.44	.21
	Other expense	112.63	<u>.06</u>
	Total cost per ton		\$12.07

AVERAGE WORKING OF MILLS FOR THE MONTH OF NOVEMBER 1866

MILLS	NORTH MINE	SOUTH MINE	TOTAL TONS OF ORE	AMOUNT BULLION	AVERAGE PER TON
Merrimac		400.00	400.00	7520.42	18.80
Morgan	694.19	1106.01	1801.00	75215.05	41.76
Succor	82.10	317.90	400.00	8725.65	21.81
Carson	450.70	59.30	510.00	10683.82	20.94
Bay State	1200.00	. . . .	1200.00	30705.70	25.58
Swansea	565.00	. . . .	565.00	14653.83	25.93
Franklin	575.00	. . . .	575.00	13122.50	22.82
Illinois	550.00	. . . .	550.00	10563.20	19.20
Pacific	907.00	. . . .	907.00	23019.31	25.37
Eastern Slope. .	27.18	. . . .	27.18	680.57	24.37
Scraps & Grains	. . . .	. . . .	. . . .	180.10	. . . .
	5232.96	1883.88	7115.18	\$198916.00	\$27.95
Dolls . . . . .	. . . .	. . . .	11.00	3174.27	288.57
	5232.96	1883.88	7126.18	\$202090.27	\$28.35

Copy of a report found in Yellow Jacket papers. There is nothing to show to what mine or mines the above figures apply. R. H. O.

Gold Hill Foundry, May 19th, 1879

W. H. Patton Esqr.
Superintendent Ophir Mine

Dear Sir:

I will make the Balance V Bob and connections as described by your drawings and specifications for the sum of seven thousand nine hundred and forty five dollars (\$7945.00) and will deliver the same at the Ophir works withing forty days after commencing work on same. All the webs and plates of main castings to be 2" thick. Pillow blocks to be fitted with quarter brasses and wedges and faced on one side. Two wrot iron connecting rods 14 feet long. Two wrot iron connecting rods 12 feet long. One block connection with strap plates 12 ft. long for main rod connection Cap for sump rod, sole plates, 16 2-1/2 anchor bolts 12 ft long. 16 2" anchor bolts 10 ft. long. 4 2" angle socket anchors, and all other pieces shown on tracing.

Yours resply.

Geo. Emmett

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Union Iron Works, May 19, 1879
Virginia City, Nev.

W. H. Patton)
Va. City,) Supt. Ophir M. Co.

Dear Sir:

We propose to furnish the Ophir M. Co. one V Bob to drawing, with anchor rods as per specifications for the sum of five thousand three hundred (\$5300-) dollars.

We remain,

Yours respectfully

Union Iron Works
Philip A. Doyle
Supt.

The job to be completed in 45 days.
J. Michael

PUMPS

Two plunger pumps 12" diameter 7 foot stroke - Same style as old one now in - except the working barrels to be 12" longer - and ends of plungers to be pointed and fitted with a screw plug - Two (2) inch priming cocks and pipes placed in position required

PIPE

Four hundred feet of 12" tube in 15 foot lengths, flanges shrunk on - and flat faced made as sketch furnished.

BOLTS

Two hundred and sixty (260) bolts for flanges.

SPECIFICATIONS FOR COMPOUNDING C and C PUMP ENGINE.

CYLINDER

One cylinder 24" diameter 8 foot stroke fitted with balanced poppet valves for steam and exhaust - same as Savage specifications, the connections of steam and exhaust pipe to be jacketed. Initial cylinder connected to expansion cylinder by two 4" rods secured to lugs attached to both cylinders - cored for six 2-1/2" anchors, rods furnished 10 feet long with eyes 6" diameter at lower end.

PISTON

Piston fitted with springs and of same size and description as Savage.

PISTON ROD

Piston rod of expansion cylinder to be 8" diameter, piston rod of initial cylinder to be seven inches in diameter forged in one piece, out of best Ulster or Norway iron to be free from all flaws and perfectly homogeneous, the spare piston now on hand to be fitted to new rod, and snap rings altered to spring packing, the spare piston and present rod to be delivered at the C.P.R.R. depot in San Francisco by mining company.

VALVE MOTION

Valve motion to be taken from top of disc plate which works the exhaust valves of present engine and to have steam and exhaust valves same as Savage.

STEAM PIPE

Thirty two (32) feet 8 inch lap welded tubing for steam pipe flanged to suit 8" throttle. One cast elbow flanged for 8" steam pipe thus:

One cast elbow flanged for 8" steam pipe thus:

One (1) 8" balance throttle flanged to suit steam chest flanges and steam pipe.

EXHAUST PIPE INITIAL ENGINE

Twelve (12) inch exhaust pipe to run from exhaust steam chest up to steam chest of 40" cylinder where the throttle now fits, and to be steam jacketed and with copper expansion joint.

EXHAUST FROM EXPANSION CYLINDER

The present exhaust nozzles of expansion cylinder to be connected with cast iron chest, the rear of which has flanged connections with condenser and front end flanged to suit 14" globe valve for connection with atmosphere.

AIR PUMP

Air pump to be 20" diameter 4 foot stroke, double acting with rubber valves, and condenser situated above barrel, hot well below barrel and discharge to connect with tunnel.

ROCK SHAFT

The air pump to be driven from pin on ring post of bob, connecting to a 6" rock shaft suspended across bob pit with suitable wrought arms to work air pump, heavy quarter brass boxes with sole plates furnished for same.

FITTINGS

All the connections and fittings to connect and complete initial cylinder and air pump in the most complete manner, to be included and a part of this estimate.

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All bearings on engine furnished with Drefus oilers - large size.