

spelter. The growth of the industry in the United States is shown by the follow-ing statistics of production of spelter: (Short tons.)

Quantity. Year. Quantity. 1892..... 87,260 1893...... 78,832 1894..... 75,328 1895 89,686 1896..... 81,499 1882..... .33,765 1897..... 1886 42,641 1899..... .129,051 .55,903 1901.....140,8221902.....156,9271889 .58 860 189063.683 1903..... 159.219 activity in utilizing the zinciferous ores of a number of districts in the

Te market at the close ruled lows: TODAY'S QUOTATIONS		pany is considering the bu long surveyed line of rai ing the mining camps bety	ilding o lroad co weenWel
Stocks. Bid. Alice	Askad	Pioche, and that a tonna assured for the proposed	line.
Littletter	A LIPSCILL.	The country between the	e two no
Alice 55 Ajax 16 ³ / ₂ Builton Beck 1.60 Carisa 1.53 Creole 60 Consolidated Mercur 60 Daly-Judge 90 Daly-West 13.50 Eagle and Blue Bell 1.60 Grand Central 2.70 Galena 1.25	\$ 1.00	one of the highest mine state. Unlike that of Gol	ralized
Alax	.17%	state Unlike that of Col	Afald as
Bullion Beck	1.40	Dulling the mat of On	uneru ai
Cowland 15%	.1616	Bullfrog, the metals are	almost
Consider an and a second secon	0.072	silver and lead, and man	y have
CLEBIG THEFT REPARTS ALL REPARTS	.221/2	old days produced mill grade ore. There are end	lions in
Consolidated Mercur60	.63	grada are There are and	PRION - O
Detv	.63	Brade ofer There are end	rmous q
Date Indee	6.85	ties of shipping ore left mines which only await a	in the
That And Be the restant 2.15	0.00	mines which only await :	an outlet
Daly-West 13.59	1111111111	mined very extensively.	
Eagle and Blue Bell 1.60	1.25	mined very extensivery.	
Grand Cantral 2 70	3.12%		
denore themetical contraction with the	.20	NEVADA STO	CKS.
Callelle,			1201
Horn Silver 1.25 Little Beil 1.50		James A. Pollock & Co	. broke
Little Bell 1.50	1.74	ported the following qu	
Lower Mammoth 331/2	.31%	San Francisco today:	Generous
The Met wronningen second 186.54	1 00	san Francisco today:	
Mathemath 95 May Day .08 Ontario .03 Petro .10	1.20		
May Day	. 08%	a construction of the first state of the	Bid A
Contexta 1.9914	1.50	and the second s	
The same and a second s		Montana Tonopah	5 2.4236 \$
Petro		Tenepah Midway	1.35
Silver King 45.00	52.00	MaNamara	20
Sacramento	.10	MICANGINGING Provide Contraction	.00
Silver Chield 143	.18	Tonopah Belmont	1.47%
Silver King	110	Montana Tonopah Tonopah Midway McNamara Tonopah Belmont North Star	.43
Star Consolidated19	.12	Rescue Gold Mountain	07
Swansea	,35	Cald Manutala	.01
South Swansea	.06	Gold Mountain	08
Provide a state of the state of	1.0	Jim Butler	.69
Sunshine manager many server		Tonopah Common	12.75 1.
U. S. Mining Co 34.75	36.00	Tononab Extension	4 50 1
Sunshine U. S. Mining Co 34.75 Utah	.70	Jim Butler Tonopah Common Tonopah Extension	4.00 1
Thole Sam Con 22	.3314	Redtop	.60
Uncle Sam Con32 Victoria 1.45	1 05	Redtop Goldfield	.58
Victoria	1.75	Sandstorm Sandstorm Extension Adams	.50
Boston Consolidated 19.00	1 19.75	Sandatam Datantian	00
Butler Idberal	.09	Sandstorm Extension	.00
Deals Thursd Class 1916	1.	Adams	. 06
Beck Tunnel Constant 1272		Mohawk Dixle	.15
Century	110	Divla	04
Ingot	.0816	Trandally restant secondaria	.31
Tok Roward	.0134	Kendall	.31
The property and the second second	0114	Columbia Mountain	.15 1
Beck Tunnel Con	101.72	Columbia Mountain Jumbo Jumbo Extension	.76
New York	19	Jumbo Petension	17
Scottish Chief	.10	Junio Estension	144
Tetro Victor Consolidated	.0614	Black Butte	
	1	Silver Pick Golden Anchor	.11
Victor Consondated	12.22.2.2.2.4	Golden Anchor	.84 1.
Wabash	.95	Ohio Tonopah	.22
Wictor Consolidated021/2 Wahash	-33	Califor 101000111 Trension	
Dishmand Angoonda	0.4	Original Bullfrog	.20]
Then and an and and a second and and and and and and and and and a		Diamondfield	.24
Black Jack minimum .20	+++++++++	Lone Star	.07
Yankee Richmond Anaconda Bjack Jack Emeratd O2 Dalton	10333558	Diamonfield Lone Star Home Tonopah Cash Boy Gold Bar West Eng	00
Dalton	.01	nome ronopau mont	
L'ALLON THEFT	Contraction in the second	Cash Boy	114
NEVADA STOCKS.		Gold Bar	.24
Caldeold Dananga	1 05	West Eng	
Goldheid Donahan		Theiling	96
Jim Butler Tonopan	1 110	Buillon	.00
Montana Tonopah 2.49	2.52%	Belcher	.26
Maa Namara 31	.35	Consolidated Virginia	1.50
10 02	12.50	Outli	0584
Tonopan 12:00	1 20	West Eng Bullion Belcher Consolidated Virginia Op ¹ Co Dia Measan Savage	45
Tonopah Belmont 1.45	1.60	C3 HB more me	.40
Tonopah Extension 5.00	6.50	Melanin commente comme	1.30
Tananah Midwart 1 3914	1.45	Savaga	.52
Tonopan miniway 1.0272	1	The total	.52
Daiton NEVADA STOCKS. Goldheld Bonanza	Leversers		
Name of the state		Union Jacket	.56
FORENOON SALES.		Jacket	.18
		Exchange	47
Daly, 300 at 80; 200 at 90; 50	at 88	Exchequer Norcross	1 01
Louis, blo at an, and at bot in	00 at 25.	Norcross	1.00
Lower Mammoth, 100 at 35%; 4	00 at 201	Andes	.23
200 at 34%; 200 at 34; 100 at 33%.		Scorpion	.13
May Day, 500 at 8%.		state of the state	the second the second
		and the second sec	

May Day, 500 at 8%. Ontario, 160 at 1.25.

at 19; 100 at 18%. Uncle Sam, 100 at 32%.

RECAPITULATION.

Forenoon totals9.200 \$2,590.13

A. S. CAMPBELL,

Stock Broker, 216 D. F. Walker Block.

MILL FOR BOSTON CON.

A Sampler is Under Construction to

A sampling mill is under construc-tion for the Boston Con. at Bingham. The new mill is to be situated across the guich from the Obio ore bins. The

grading has been done and the carpen-ters are dready on the ground. It is proposed to have the mill running be-fore the beginning of the year. The

purpose of the plant is to thoroughly test the copper bearing porphyry which

is being opened up in numerous tunnels and drifts. When the mill is complet-

ed the company will know daily just what the ore is averaging all through the workings when prospecting is un-

BECK TUNNEL SHIPMENTS.

der way

Mr.

Test Ores.

Shares. Value.

Yankee, 200 at 32.

NEVADA STOCKS. business. ames A. Pollock & Co., brokers, rerted the following quotations from

.53 .12 .58 .19 .49

1.10 .24 .14

n Francisco today: Bid Asked. ontaua Tonopah\$ 2.42½ \$ 2.47½ nopah Midway 1.35 1.37½ .32 1.50 .45 ld Mountain10 .72 6.00 dtop idfield58 .50 .06 .59 dstorm ndstorm Extension ... lams

pending the day at Alta. President McNiel of the Utah Copper company has returned to Denver. Another sensational strike is recorded in the Redtop mine, Goldfield. J. P. Nelson, one of the owners of

CONCENTRATES.

Manager Jacobson of the Colombus is

the Gibraltar mine at Rhyolite, is in the city. Pat Ryan, the well known mining man, has gone to Chicago on mining business.

Chicago Nov. 15.-Cattle-Receipts. 13.-600; market 10 cents higher, Beeves, 3.2'0 6.40; cows and heifers. 1.15/04.40; stockers and feeders. 2.0074.15; Texans. 3.40/04.25; westerns, 2.90/04.75. Högs-Receipts. 23.000; tomorrow, 30.000; market 5 cents higher. Mixed and butch-ers, 4.90/05.05; good heavy 4.65/06.629/2; rough heavy. 4.40/04.55; 1 ghts. 4.45/04.00; pigs. 4.35/04.90; bulk of sales, 4.15/05.00. Sheep-Receipts. 28.000; market steady Sheep, 4.00/05.60; lambs. 4.00/07.35. A carload of ore from the Utah of Fish Springs will be in tomorrow .08 .07 .17 morning. Logan parties report that the Amazon .10 .32 .18 .78 in Black Smith Fork Canyon, Cache county, is looking fine. Latest reports from Callente, Nevada are to the effect that the Chief Mine is showing up finely. .18 .22 T. H. Kerr and A. H. Tarbet are locating oil ground in Spanish Fork can-yon, south of the Narrows. .28 .22 .25 Col. Treeweek of the Wabash is back from the Park. He report every-thing moving fine at the mine. .08 .10 .15 .27 1.25 The remains of Henry Kitto, a well known miner, who died at Mercur Tues-day, will be shipped to Salt Lake for

KANSAS CITY.

LIVESTOCK.

CHICAGO

specialties.

Air Valves, Steam Specialties of all kinds and Automatic TENSIVE STOCK OF CAST IRON AND MALLEABLE PIPE FIT-TINGS. Asbestos Pine Covering, latest improved Machinery and Tools, consisting of 1 "Duplex" No. 8 Pipe Cutting and Threading Machine (21/2" to 8"), 1 No. 2 "P. D. Q." Improved Pipe Cutting and Threading Machine (1/4" to 2"). Electric Motor and Shatting, com, ate stock of Fitters' and Plumbers' Tools, etc., etc. ALL TO BE SOLD AT 20 PER CENT BELOW COST. P. J. MORAN, Board of Trade Building, City. Badger Bros., THE STATE BANK

Consisting of Heating Boilers, Radiators and Radiator Valves,

Jenkins Bros.' High Pressure Steam Valves, and Automatic

ores of a number of districts in the Rocky mountain regions, which have already become important sources of supply, and which promise, from pre-parations under way, to reach consider-able greater dimensions. Colorado is given how shipping a large quantity of concentrates, the Leadville district concentrates, the Leadville district yielding the greater part of the crude ore. There are in operation at Lead-ville two concentrating plants operated by the Western Mining company, one utilizing the Weiherlij process, owned by the Resurrection Gold Mining com-pany, and one which was approaching completion, owned by the Yak Mining, Mining and Tunnel company. In Utah a large concentrating mill is being erected to treat ores and the dump of the Horn Silver mine, and the

is being erected to treat ores and the dump of the Horn Silver mine, and the Wood River Zine company is building a plant near Halley, Idaho. At Butte the Montana Zine company will treat the ores of the Alice mine, while the Butte Copper and Zine company is to utilize the zine ores of the Emma mine, in the same district. Shipments of zine ore are also being made by the Graphic and Kelly mine, at Magdalena, N. M. Some zine ore is being import-ed from the Slocan district, in British Columbia, and the possibilities of secur-Columbia, and the possibilities of secur-ing supplies from northern Mexico are being studied.

PHENOMINAL ORE.

Baker Connty, Oregon, Comes Forward With a Sensation.

According to the Blue Mountain According to the Blue Mountain American, a great discovery of gold bearing rock has been made in Baker county, Oregon. The ore was discover-ed near what is known as Sunny Brock and the find was made by two Sumpter men. The ore makes on the surface and has been opened by the sinking of a series of pits I feet deep along the trend of the vent. In each of these rock earrying free gold to the amount of \$6,000 per ton has been found. The pits have been dur so close together pits have been dur so close together as to prove the continuity of the vein, which crops for 4,500 feet. This if only 10 feet deep gives the locators \$10,000,000 of ore in sight.

CONSOLIDATION BUGABOO.

Bingham Mines Assured of an Extended Independent Life,

For some weeks there has been a continued flow of comment in the eastern press, notably of Boston, over what is termed the consolidation of the great copper producers of Bingham, Uth.

Rumor has had it that the noted Gugginheims have started out to control the camp in the same manner the Amalgamated Copper company controlled the copper output in Butte, Mont. There can be no question but that this big firm of operators have gained control firm of operators have gained control of the Utah Copper company, or that they have nearly succeeded in gaining control of the Boston Consolidated. It is also stated that they are buying up the stock of some of Bingham's other copper producers. The fact of consoli-dation, however, is a long ways off, and may never be accomplished. There are many blocks of stock which cannot be purchased and without these consoli-dation is only a dream. Col. E. A. Wall, who owns a very large block of the that owns a very large block of the Utah Copper company's stock, says that the thing is an idle dream. He has no intention of selling his stock and he knows others who are in the same frame of mind. The production of copper is becoming

too big a thing in the west for any set of men to control. Our valley smelters are pretty sure of an independent exist-ence for some time longer at least.

ORE AND BULLION.

The ore and bullion settlments as reported by McCornick & Co. yesterday afternoon were as follows: Silver, lea1 gold and copper ores. \$29,800 base bui-lion, \$39,700; gold bars, \$10,000; total, 576,500

TEACHING ENGINEERING. New York, 200 at 19; 100 at 1812. OPEN BOARD SALES. New Plan for Use of Students of Burmingham University. Butler-Liberal, 100 at 8. Beck Tunnel, 500 at 20. Carlsa, 1.500 at 16½, buyer 60. Daly, 100 at 91. Daly-Judge, 50 at 6.85. May Day, 500 at 8½; 1.000 at 8½. New York, 2.000 at 18½, seller 30; 700

Special Correspondence. Washington, D. C., Nov. 10.-Consul Halstead, of Birmingham, furnishes the following regarding illustrations of mining methods used by the Briming-

ham university: The scientific department of the new and important Birmingham university has in its power station and in its ma-chinery and metallurgical buildings and plants its illustrations of mining meth-ods in the form of shafts, tunneling, and mining ventilation systems, an equipment which is perhaps as complete as that of the technical depart-ment of any university in the world. Certainly those who were responsible for its installation had seen and stud-ied the outfits of the scientific departments of the greatest universities of America and the continent of Europe

and had reasonably ample means to carry out any plans they thought necessary. My attention was called to the face that a plant of this kind has an availability for service useful to a

availability for service useful to a community in a way additional to the primary purposes of affording facilities for students, by the offer which the professor of engineering at the uni-versity, Mr. F. W. Burstall, was able to make to his colleagues at a meeting of the Institute of Mechanical Engi-neers, upon which occasion he made the speech of the evening. The professor was able to offer his fellow-engineers th plant of the uni-versity nower station for certain excer-

renow-engineers in plant of the uni-versity power station for certain exper-imental testing work. At the meeting there had been a discussion on the ad-vantages and disadvantages of steam vantages and disadvantages of steam jackets, and regarding the question of valve lenkage in steam engines, and the professor having dealt with these two subjects from his standpoint, and having recognized in fitting terms the merit and laborious character of the work that had been done by the rel search committee of the institute, ex-pressed the opinion that further engine-valve experiments should be carried our

Initial Car Load Gives Company Good Returns. Beck Tunnel is now in the shipping list. The returns from the initial ship-ment were received by Jesse Knight from the smelter yesterday. The ore valve experiments should be carried out to ascertain particularly the quantities for euch service of the various met-als. He said there was ample oppor-tunity for complete experiments with

ran \$24.75 for a twenty-seven ton car Knight states that he is certain team engines at the Birmingham unithat the mine will pay its way now and expects it to enter the dividend list in versity power station, and then told his colleagues he would be pleased to place the plant at the disposal of the re-search committee. If his offer were aca very short time. ORE RECEIPTS. search committee. If his offer were ac-certed it would not only be using the plant for useful scientific purposes, but as the tests would probably not be hedged with any precautions for secre-

The day's receipte of ore at the valley samplers are as follows: Pioneer sampler, one car from Tintic and two each from Bingham and Alta, Taylor and Brunton nine Tintic, three Idaho, two Bingham and one cy, the most interested and energetic of the students would not only have the opportunity of witnessing some of opportunity of witnessing some of them, but would also be able to get in Wyoming.

burial. .37 .27 1.55 The Daly delinquent list from the 25-cent assessment recently levied is very small. Only 15,000 shares remain un-.0534 .47 1.35 paid.

Bishop Scanlan of the Salt Lake diocese (Catholic) is at present preaching in the new bonanza camps of Nevada.

Word reacched the local office of the Ontario Mining company this morn-ing that the drain tunnel is now giv-ing out a flow of twice the normal quantity.

A company to be known as the Southern Copper company, has been incorporated on a group of claims in the Beaver Lake mining district, Beaver county.

Ernest Bamberger has returned from his trip to the Ne Plus Ultra mine, White Pine county, Nev. Mr. Bamger-ger holds a bond upon the property, and has put a force of men at work upon it.

Newton Dunyon, superintendent of the Daly-West mine, Park City, has returned from a trip of inspection to the property of the Nevada Con., near Ely. He expresses himself as being well pleased with what he saw while away.

The ore shipments over the Tonopah Tale ore snipments over the Tonopah Talroad last week aggregated 1.819 tons, divided as follows: From Tono-pah — Tonopah company, 985 tons; Ton-opah Extension company, 350 tons; Montana-Tonopah, 200 tons; Belmont, 190 tons; Midway, 94 tons.

J. OBERNDORFER.

Stock Broker, Tel. Bell 792. 161 S. Main St.

A POINTER !!!

You wil be just as well off financially and better even, if you take out a fire insurance polley today. Besides, you will feel safe as far as the loss of your property by fire is concerned.

Co. of Utah, General Agents. 20-26 So. Main St.

Kansas City, Nov. 15.—Cattle—Receipts. 11,000; market steady to 10 cents h gher. Native steers, 3.5603.80; native cows and heifers, 1.7504.75; stockers and feeders, 2.5004.25; buils, 2.0003.25; calves, 2.5006.25; western steers, 2.6504.50; western cows. 2.0008.25

2.0063.25. Hogs-Receipts, 13,000; market strong to 5 cents higher. Bulk of sales, 4.7564.85; heavy, 4.8064.90; packers, 4.9064.90; pigs and lights, 4.4064.82½. Sheep-Receipts, 5.000; market strong. Muttons, 4.5066.85; lambs, 5.5007.25; range wethers, 4.5065.85; fed ewes, 3.7565.25.

South Main

OMAHA.

OMAHA. Omaha, Nov. 15.-Cattle-Receipts, 6,700; market steady. Native steers, 3.5075.40; cows and heifers, 2.6073.50; western sitters, 2.75074.40; Texas steers, 2.6503.65; cows and heifers, 2.0073.25; canners, 1.5072.25; stockers and feeders 2.25073.85; calves, 2.5095.50; buils and stags, 1.5502.25; Hogs-Receipts, 7.80; market steady. Heavy, 4.65074.75; mixed, 4.7004.75; highs, 4.725074.50; pigs, 4.2504.59; built of sales, 8.7294.40; pigs, 4.2504.59; built of sales, 8.72964.50; mixed, 4.7004.75; highs, 4.70074.75; Sheep-Receipts, 14.500; market slow and lower. Yearlings 5.2505.90; wethers, 4.8509 5.25; ewes, 4.2504.85; lambs, 6.2507.40.

WOOL.

ST. LOUIS.

St. Louis, Nov. 13 .- Wool, steady. Ter-ritory and western mediums, 28@30; fine mediums, 22@26; fine, 19@21. BOSTON.

BOSTON. Boston, Nov. 14.-The wool market is have moved underately, with fleeces quiet. California and Texas short wools have met with a fair demand. Contract-ing for the 1906 clp is quiet, growing views being generally too high for east-verse and staple wools are steadily sought, but supplies are light. Foreign arades are firm. Territory-Idaho fine, 22023; heavy fine, 1929; flow medium, 27025; Wyoning fine, 22023; heavy fine, 1962); fine medium, 27025; low medium, 27025; low medium, 27025; low medium, 27025; heavy fine, 19629; fine medium, 27025; low medium, 27025; medium, 27025; low medium, 27025; fine medium, 27025; low medium, 27025; staple, 28029; medium, 2025; low medium, 27025; fine aver-age, 24025; fine medium choice, 26727; average, 24025; staple, 28029; medium choice, 26025.

PRODUCE.

CHICAGO.

CHICAGO. Chicago, Nov. 15.-Lower prices for wheat at Liverpool created a bearish sentiment in the wheat market today. Selling was general and domand light. Liberal receipts at Moneanells and Du-luth tended further to depress values. The Mon delivery opened & to & lower, at \$34,655%, and sold off to \$3%. Minneapolis, Duluth and Chicago re-person accepts of \$59 cars against 565 a year ago. Clear weather and increased receints caused weathers in the corn market. The May option opened & to 4/3%. Oats were easier in sympathy with wheat and corn. May opened a shade to 14 lower at 32% to 32% (22% and heid firm around 32%. May notik was off a shade at 12.550

14 lower at 32% to 32% 2023% and held firm around 32%.
May pork was off a shade at 12.5%
12 574; lard was unchanged at 6.97%, and rigs were up 2% at 6.75.
Cash: Wheat-No. 2. red. \$70,000, 3.
red. \$56785; No. 2. hard \$5695745; No. 3.
red. \$56785; No. 2. hard \$5695745; No. 3.
fard. \$3038; N.2. 1. northern spring, \$50,000
90; No. 2. do., \$56785; No. 3. spring, \$51,000, 2.
oats-No. 2. 2045; No. 3. \$307504.
Close: Wheat-Doc., \$6; May, \$\$24.
Corn-Dec., 44%245; old, 4558; May, 45427

sale.

45.3%

15%.
 (Jatz-Dec., 29%; May 22%63234
 P.rk-Jan., 12[75; May, 12.674.6712, 70.
 Ribs-Jan., 6.50; May, 6.721/667.71.
 Ryz-Cash, 704/6772.
 Ffax-Cash, northwestern, 1.60.
 Timothy-March, 2.47.
 Clover-Cash, 13.06.
 Barley-Cash, 371/4655.

NEW YORK.

New Yor, Nov. 15.-Sugar, raw, steady Fair refining, 2%; centrifugal, .94 test, 37-16; molasses sugar, 2%. Refined-Quiet, Crushed, 5.30; powdered, 4.70; granulated, 4.60. Coffee-Quiet, No. 7 Rio, 84688%. Butter-Firm Street processtra cream-ery 242624; fiddal processtra cream-ery 242624; fiddal processored. Crease-Steady unchanged. Eggs-Firm, West in finest, 32; do. firsts, 30032; southern, 21630.



ACCOUNTS SOLICITED.

and the second second



