10.		THE PITTSBURG	DISPATCH, TUESDAY,	JULY 26, 1892.		
ALUMINIUM'S FUTURE.	where 1,500 horse power is used to produce 1,200 pounds of aluminium a day, or 215 tons a year. We may, therefore, say that	UNLI DMALL WELLO.	fields, and the above well, known as No. 1, was obtained in the first sand. The casing was plugged and the derrick moved and		TRAVELERS ACCESSOMIES.	BAILBOADS.
Interesting Account of the New	aluminium is now being made at the rate of		work commenced on well No. 2, which it was proposed to drill to a lower sand and compare the oil and quality with that of	AND GENERAL INFORMATION Mag be obtained at THE DISPATCH'S Busi-	Safe Deposit Vaults of the FARMERS' DEPOSIT NATIONAL BANK,	PENNSYLVANIA RAILROAD, IN EFFECT JUNE 1216, 1891. Trains will leave Union Station, Pittsburg.
Metal's Rapid Advancement.	In spite of this large manufacture it is a fact, that, at the present time, the demand for the metal far exceeds the supply. Con-	the Oil Fields Yesterday.	well No. 1. Work progressed at well No. 2 until about the first of January, when the drillers were compelled to shut down until	NEW IPD.EV	66 Fourth Avenue. SILVERMAN'S	as follows (Eastern Standard Time):
IT IS USEFUL, SOFT AND CHEAP	sumers cannot obtain from the makers all that they are willing to buy. Let us in- quire what is being done with so much al-	TWO DRY HOLES WERE FINISHED.	warm weather. The hole at this time was about 1,300 feet in depth, and to drill fur- ther necessitated a greater length of cable.	THE MENTONE-	TRUNKS ARE THE BEST.	daily at 7:15 s. m., arriving at Harraburg at 1:55 p. m., Philadelphia 4:45 p. m., New York 7:00 p. m., Baltmore 4:40 p. m., Washington 5:55 p.
And Is Almost Destined to Rank Alongside Iron and Steel.	uninsum, and what more is yet demanded. The valuable properties of aluminium are, in the order of their importance, its great	There Were Two Light Wells, One Fifth and One Gordon-Sander.	The drillers returned recently, the new cable arrived last week, and again but a few hours' drilling was necessary to pene-	U. B. STUART.	NEGLIGE We are closing out all our SUMMER	
TRIUMPH OF THE BUSY METALLURGIST	lightness, resistance to corrosion, worka- bility, strength and comparative cheapuess.	PITTSBURGERS TESTING WYOMING	trate the oil sand. That this syndicate of Pennsylvanians are more than pleased with their experience in	Ocean end Pennsylvania avenue, Atlantic City, N. J. F. W. LEHMAN & CO.	SHIRTS. SHIRTS AT COST. LITTELL'S, 203 Smithfield street.	New York 4:00 p. m. Harrisburg Accommodation daily, except Sunday, 5:25 s. m., arriving at Harrisburg 2:50 p. m. Day Express daily at 8:00 a. m., arriving at Har-
Aluminium is fast taking the place	Sulted for Some Particular Purpose. It is no longer necessary in a newspaper article to rehearse in detail the comparative		the Wyoming fields is evident. Notwith- standing that there is no means of trans- porting the oil to market at present, they	Under present management 10 years. E. D. PARKINSON.	NOW IS THE TIME To go to the country and enjoy a few days' outing. Before you go call at JAMES BOWN	5:35 m., arriving at Harrisburg 2:50 p. m. Day Express daily at 8:00 a. m., arriving at Har- risburg 3:20 p. m., Philadelphia 6:50 p. m., New York 9:35 p. m., Baltimore 6:45 p. m., Washing- ton 3:15 p. m. Mail trans Bunday only, 5:40 s. m., arrives Harris-
among the metals of every-day life. One of the surest indications of this is that we find it quoted on the commercial price lists	That ambiguitous person, the general reader, may now, thanks to the prominence	ments in the oil fields yesterday. The only one of any importance, more than the ordi- nary, is Greenlee & Forst's No. 1, on the	will sink a number of wells during the sum- mer and be in readiness to supply the mar-	THE MELHOSE-Arkansas av., half square	& SON'S, 508 Smithfield st., and procure your outfit for fishing or gunning. Best assort- ment in the city.	Mail Express daily 12:50 p. m., arriving at Harris- burg 10:00 p. m., connecting at Harrisburg for
along with tin, lead, zinc, copper and iron. The true meaning and importance of such	which aluminium has attained, be assumed to be tolerably familiar with its general physical and chemical properties. Since	Noble farm, two miles west of Noblestown. Mr. Greenlee stated yesterday that it was	when transportation facilities shall have	HOTEL MONTEREY, Atlantic City, N. J. Ocean end of New York av. Cool situation. All comforts. Excellent table. E. K. NEWCOMER	TAKE A CAMERA WITH YOU. The place to get it is W. S. BELL & CO.'S, 431 Wood street, Pittsburg. Amateur out-	 Philadelphia Express daily at 4:30 p.m. arriving at Harrisburg 1:00 s. m., Philadelphia 4:25 s. m., and New York 7:10 s. m. Eastern Express at 7:10 p. m. daily, arriving Har- risburg 2:10 s. m., Baltimore 6:20 s. m., Wash- ington 7:30 s. m., Philadelphia 5:65 s. m. and
an incident is apt to be underestimated by the general public, says a writer in the Chicago Inter Ocean.	aluminium is, generally speaking, only one- third or one-fourth as heavy as the other common metals, we notice this as its first	making 20 barrels an hour. The owners stated early last week that it would doubt- less be a fair well, as there was a small well	traction steam engine, derrick and drilling outfit from the East; one that can be readily and easily moved from one portion of the		fits a specialty. All photographic novelties on hand. Telephone 1965.	Fissdarg 210 a. m., Philinder et al. m., Wash- ington 7:30 a. m., Philadelphia 5:05 a. m. and New York 7:40 a. m., Philadelphia 5:40 a. m., New York 5:30 a. m., Philadelphia 5:50 a. m., New York 5:30 a. m., Baltimore 6:30 a. m., Washing-
We all agree that a large part of the progress of civilization (with all that that	claim to peculiar usefulness. In this re- spect it stands spart from and superior to all ordinary metals. The consequence of this is that wherever a metallic article	just north of it, and a dry hole still north of the light well. This led to the conviction that the beit	field to another. The Oil Market.	HOTEL BRUNSWICK, Pacific near Tennesses ave.; new and first-class	DRESSES For Mountain and Beach. For Hotels and Promenades. For Trains and Steamers. PARCELS & JONES,	fon 7:30 a. m. Cresson and Ebensburg Special Saturdays only, 2:50 P. M.
term means) during the last half century has been due to the splendid advances in iron working, whereby this universal metal	must be of a given size and is wanted as light as possible, aluminium puts in a claim to be the metal of all metals best	for which they were looking ran south of the small well, and it is evident that they	established by sales at 52% o for August and 52% o for cash oil, Refined oil-New York, 6c; London, 4%d;	in all its appointments. CHABLES C. MUBBAY. late of Colonuade Hotel, Philadelphia. HOTEL BERKELEY, formerly Acmo.	WANTED	All through trains connect at Jersey City with bosts of "Brookiyn Annex." for Brookiyn, N. T., avoiding double ferriage and journey through New York City.
has been produced in undreamed of quanti- ties at unthought of prices. The comfort of every inhabitant of civilized countries has	auited for such purpose. Let the reader reflect a moment and he will be surprised to find how many articles of common use are	have struck the belt. There will be more wells drilled in this part of the field before October, and the chances are that the old Fife pool, of which	Antwern, 13%f. New York, July 25.—Petroleum opened steady at 52%c, the only sale of the day being made at that price, the market closing dull.		Everybody who uses a stimulant to try Klein's "Silver Age" Rve at \$1 50 per quart,	Johnstown Accom., except Sunday, 3:40 p. m. Greensburg Accom., 11:30 p. m. week days. 10:50 p. m. Sundays. Greensburg Express 51:50 n. m. except Sunday. Derry Express 11:00 s. m., ex-
been increased with these advances in the metallurgy of iron. Yet there are many uses tor which iron is unsuitable, and for	knobs, pen holders, paper cutters, or al-	it is a part, may be extended. For a long time it looked as though no opening would be found to this poud, and one firm put	Pennsylvania oli-Spot sales, none. Penn- sylvania oli-Angust option, sales 5,000 bar- rels; opening, 52%; highest, 52%; lowest, 52%; closing, 52%; Lima oli-No sales. Total sales at both exchanges, 5,000 barrels.	Terms inoderate. JAS. & GEO. BEW. BBUNAWICK HOTEL. COLONNADE HOTEL. 40 N. Broad et., Phila. Atlantic City, N.J. NOTICEXTO OUR PITTSBURG FRIENDS-C.	or "Duquesne" Rye at \$1 25 per quart. HAVE	 except Summay. Derry Express 11:00 a. m., ez- cept Sumday. Wall Accom. 5:25, 6:00, 7:40, 8:35, 8:50, 9:40, 10:30, 11:00 a. m., 12:15, 12:50, 12:30, 2:30, 3:40, 4:00, 4:50, 5:15, 6:01, 6:45, 7:25, 9:00, 10:70, 11:30 p. m., 12:15 night, except Monday. Sumday, 8:40, 10:30 a. m., 12:35, 12:50, 2:30, 4:30, 5:30, 7:30, 9:30, 10:30 p. m. and 12:10 night.
which other metals are better suited. Cop- per, tin, lead, zinc, etc., are used for	most anything one can think of. For all such purposes (I will not attempt to enumer- ate them), wherever lightness is to be de-	down five dry holes in a vain effort to get an outlet. They spent over \$30,000 and not one of their wells will produce 175 barrels a	Total sales at both exchanges, 5,000 barrels. OIL CITY, PA., July 25National Transit certificates opened. 523cc: highest, 523cc; low- est, 523cc; closed, 533cc. Sales, 19,000 barrels; clearances, 114,000 barrels; shipments, 201,038		THE DISPATCH	And 12:00 116/1. Wilkinsburg Accom., 5:25, 6:00, 5:15, 1:45, 7:00, 7:25, 7:40, 8:10, 8:25, 8:50, 9:40, 10:30, 11:00, 11:10 a.
purposes for which iron is not so well adapted or not at all adapted. The work of civilization and prog-	sired, aluminium stands first, and may re- place any of the common metals. Of course, in considering the practicability of making	day. Greenlee & Forst's No. 6 on the Marshall farm, south of Noblestown, was on top	clearances, 114,000 barrels; shipments, 201,038 barrels; runs, 103,123 barrels.	THE STOCKTON,	While on your vacation. For the best line of Trunks and Satchels COMMON	and 12:10 might: Willkinsburg Accom., 5:25, 6:00, 6:15, 5:46, 7:00, 7:25, 7:40, 8:10, 8:35, 8:30, 8:40, 10:30, 11:00 a. m., 12:01, 12:15, 12:30, 12:50, 1:78, 1:50, 2:00, 2:30, 8:45, 6:00, 6:20, 6:45, 7:25, 8:20, 8:00, 9:45, 10:20, 11:00, 11:30 p. m., week-days, and 12:10 might, ex- cept Monday. Sunday, 5:30, 5:40, 10:30, 10:30, 10:30, 12:25, 12:64, 1:30, 2:30, 4:30, 5:30, 7:20, 9:00, 9:30, 10:30 p. m., 12:10 might. Braddock Accom., 5:25, 6:00, 6:15, 6:45, 7:00, 7:25, 7:40, 8:00, 8:10, 8:35, 8:50, 9:40, 10:30, 11:01, 11:10, a. m., 12:01, 12:11, 12:20, 12:20, 1:20, 12:01, 12:01, 2:30, 3:15, 3:40, 4:00, 4:10, 4:35, 8:20, 9:00, 9:46, 10:20, 3:15, 15:00, 5:45, 6:00, 6:20, 6:45, 7:23, 8:20, 9:00, 9:46, 10:20, 11:00, 11:30 p. m., week-days, and 12:10 might, ex- cept Monday, Sunday, 5:30, 8:40, 4:00, 5:00, 5:15, 11:00, 11:30 p. m., 9:28, 4:30, 4:30, 4:30, 10:40, 5:30, 11:00, 11:30 p. m., 9:28, 4:30, 4:30, 8:40, 10:40 a.m., 12:25, 12:50, 1:30, 5:30, 5:30, 5:30, 5:30, 5:30, 5:30, 10:30 p. m., 12:10 might. SOUTH WENT PENN RAILWAX.
ress is, therefore, distinctly forwarded by artisane having a variety of metals to work with adapted to widely varying purposes.	any article in aluminium, the other proper- ties about to be discussed should also be taken into consideration. There are some purposes for which alu-	of the fifth sand last night, and reported by Mr. Greenlee to be showing for a well from that formation. Their No. 7 Wade, which	KENSINGTON'S ELECTRIC ROAD. The Work of Constructing It Will Be Com-	ATLANTIC CITY, N. J. First-class, \$2 50 per day. Special rate by week or month. STEPHEN J. KIRK.	JOHN DAVIS', SENSE Corner Fifth avenue and Smithfield street. TRUNKS.	12:25, 12:50, 1:30, 2:30, 4:30, 5:30, 7:20, 9:30, 10:30 p. m., 12:10 night, Braddock Accoun, 5:25, 6:00, 6:15, 6:45, 7:00, 7:25, 7:40, 8:00, 5:10, 8:35, 8:50, 9:40, 10:30, 11:00, 11:10,
Each metal is used for certain purposes, be- cause, all things considered, it is better	maium is particularly suited because of its resistance to corrosion; I mean uses for which it would be peculiarly well suited.	was reported as good for 150 barrels from the Gordon, is making only 40 a day. Found No Second Pay Streak.	menced at Once. At a meeting of the directors of the new Kensington Street Railway Company yes-	HOTEL WELLINGTON.	WRITING TABLETS, Convenient at all times and in all places. We have	3:15, 3:40, 4:00, 4:10, 4:23, 4:30, 4:30, 4:20, 5:00, 5:15, 5:20, 5:45, 6:00, 6:20, 6:45, 7:25, 8:20, 9:00, 9:46, 10:20, 11:00, 11:30 p. m. week-days, and 12:10 night, ex- cept Monday. Number 5:20, 8:04, 10:20, m.
suited for these purposes than any other metal. The remarks concerning iron are, therefore, true in a similar manner of other	even were it as heavy as the other metala. These uses are oulinary utensils, surgical instrumenta, interior decorations.	The Forest Oil Company's No. 5, on the Mrs. Campbell farm, south of Willow Grove, is through the Gordon sand and	terday it was decided to commence the con- struction of the road at once. Electricity	Ocean end of Kentucky avenue, Atlantic City, N. J. M. A. & H. S. MILNOR, Circulars at Dispatch office.	ter attachment on all tablets. J. R. WELDIN & CO., Nos. 429-431 Wood St.	12:25, 12:50, 1:30, 2:50, 4:30, 5:30, 7:20, 9:00, 9:30, 10:30 p. m., 12:10 night. SOUTHWEST PENN RAILWAT. For Uniontown 5:25 and 5:35 a. m., 1:30 and 4:35
metals. But, if progress is forwarded by improvements in the production of well- known metals, what shall we say of the dis-	Heat Passes Through It Very Fast. It resists so well the action of all kinds of food, all the humors of the body, and all	will not do better than 100 barrels a day. Contrary to the usual formation in this region, no second pay was found in the No.	will be the motive power. It runs from Parnassus to the Chambers Glass Works and Valley Camp. It starts	THE CHALFONTE. ATLANTIC CITY. Directly on the Beach. Sea water baths in	"HOLMES' BEST" Old Monongahels pure rye whisky is the best. Headquarters for fine wines, liquors and cordials. Old Greene county apple	p. m. week-days.
covery and the introduction of a new metal	the various sulphur gases arising from burning coal, that for the purposes named it is aimost invaluable. In cooking, the	on the Mrs. Campbell, No. 1 on the Mate	on Freeport street, Parnassus, and takes the following route: Freeport street to Ridge avenue, Ridge avenue to Victoria	Directly on the Beach. Sen water baths in house. Opened January 30, 1892. C. ROBERTS & SONS.	brandy, choice imported brandles and pure bay rum. THE WM. H. HOLMES CO., 120 Water street and 155 First avenue.	ON AND AFTER MAY 25, 1691; For Monougahela City, West Brownsville and Uniontown 10:40 a.m. For Monougahela City and West Brownsville 7:35 and 10:40 a.m., and 4:30 p.m. On Sunday, 5:35 a.m. and Toll p.m., For Monougahela City only, 1:01 and 5:50 p.m. week-days. Dravosburg Accom., 5:30 a.m. and 5:20 p.m. week-days. West Elizabeth Accom. 5:35 a.m., 4:15, 6:30 and 11:35 p.m. Sunday, 9:60 D.m.
world's workers, a new factor to use in the grand work of civilization, and all mankind	wearing out of tinware, the rusting out of ironware, the poisonous effect and difficulty of cleaning copper-ware, the cracking of	week. Fitzgibbons, Jennings & Co.'s well on	street, thence to Drey street and down Drey street across the Allegheny Valley road and past the Chambers Glass Works to	THE IRVINGTON, ATLANTIC CITY, N. J.	EAST ARE BEST HANDLED BT- AN EAST END AGENT.	week-days. Dravosourg Accom. 5:00 a. m. and 3:20 p. m. week-days. West Elizabeth Accom. 5:35 a. m., 4:15, 6:30 and 11:36 p. m. Sunday, 9:40 p. m. WEST PENNSYLVANIA DIVISION.
feels the benefit. The History of Aluminium. Aluminium comes, the fruit of the labors	enameled wear. Further, it has the light- ness to its credit, and it is almost startling to note the rapidity with which heat passes	the McKee farm, northwest of Oakdale, was finished up yesterday and is a small well. The New York *Oil Company's No. 2 on the Fife farm, west of Noblestown, was re-	Fifth avenue and along Fifth avenue to the starting point. Tha entire line is five miles long and is	ON THE BEACH. CHAMBERS & HOOPES.	RENTS VAN GORDER & LLOYD, 6218 Penn av., E. E.	ON AND AFTER JUNE 20, 1892. From FEDERAL STREET STATION, Allerbaux
of the metallurgist, handed over to industry to be put to use. It does not need to be re-	through it and cooks the contents with much less fire than is ordinary needful. After a year's use in our kitchen our alu-	ported last night through the sand and dry. Guffey, Jennings & Co.'s No. 7, on the	expected to be in operation some time this winter. If the power house cannot be got- ten ready the road will be temporarily operated as a horse car line.	THE MANHATTAN, OCEAN END, SOUTH CAROLINA AVE American and European plan cafe attached. Open all the year.	SUMMER HOTELS, OR GUESTS STOP- PING at them, can order any wines, liquors or cordials direct from Max Klein, who will, upon application, send his com-	City:- For Springdale, week-days, 6:20, 8:44, 9:25, 10:40, 11:50 a. m., 1:20, 2:25, 4:00, 5:00, 5:45, 6:10, 6:20, 8:10, 10:30, and 11:40 p. m. Sundays, 12:35 and 9:39 p. m. For Butler, week-days, 6:20, 8:45, 10:40 s. m., 3:15
ion of putting it to use should be taken up	minium boilers are apparently as good as new, and our scales-weighing to half an ounce-fail to indicate any sensible loss	sand yesterday afternoon. The Wheeling Gas Company finished a rig yesterday for its No. 3 on the Robbins'	ANOTHER OIL CITY VICTIM.	M. A. MELONEY.	plete catalogue and price list. Address, MAX KLEIN, 82 Federal st., Allegheny, Pa.	and 5:10 p. m. For Freeport, week-days, 6:35, 5:45, 10:4 s. m., 3:15, 4:00, 5:00, 8:40, 10:30 and 11:40 p. m. Sun- days, 12:35 and 9:30 p. m. For Apollo, week-days, 10:40 s. m. and 5:00 p. m. For Paulton and Blairaville, week days, 6:55 s. m.,
airly and squarely. The plain question is, "What uses can aluminium fill better than any other metal, all conditions being taken	faction of cooking utangils Baganda	farm, and has commenced to spud at No. 4 on the W. B. Moorhead. Carming, Ward & Jennings' test well on	A Corpse Horribly Decomposed Taken From the Allegheny River.	OPENS JUNE 25. Three minutes' walk from bathing grounds. Accommodations 350	LICENSED DRUGSTORE	For Paulio, week-tays, 10:00 a.m. and 3:00 p.m. For Paulion and Biafraville, week days, 5:35 a.m., 3:15 and 10:30 p.m. APThe Excelsion Baggage Fapress Company will call for and check baggage from hotels and residences. Time cards and full information can be obtained as the ticket offices. No. 110 Fifth ave-
nto account?" The experimental answer to hat question will fix the usefulness of dominium to the world.	metal is so harmless and light, that their	the Oak Ridge Coal Company's property, east of Oakdale, was through the Gordon yesterday and had no oil. It is being	The body of some unknown man was taken from the Allegheny river at the foot of Ninth street, yesterday morning by	THE MANSION,	IN THE CITY.	nue, corner Fourth avenue and Try street and
This new and beauciful metal, discovered by the German, Wohler, in 1827, and intro-	minium leaf takes the place of silver leaf to perioction, and keeps its white color un- changed in an atmosphere which would turn	drilled to the fifth sand. MT. NEBO-J. W. Craig's gas well on the Ford, which was reported in THE DISPATCH	Reed Dalzell, of 31 Tuscan street. The body was so badly decomposed that parts	LARGEST HOTEL. OPEN ALL THE YEAR.	CALIFORNIA PORTS, SHERRIES, ETC.	CHAS, E. PUGH, J. R. WOOD, General Manager, Gen'l Pass'r Agent.
uced to the world by the Frenchman, De- rille, in 1856, has had a short yet interesting distory. When first made in quantity by	silver black in a day. Here its lightness is unimportant, but for chandeliers both these properties are of first importance, and it is	last week, was finished up yesterday. The Philadelphia Gas Company is pre- paring to test the Mt. Nebo territory. It is building a rig on the Riley farm and one	fell off when removing it from the water. Parts of the clothes were gone and some of the flesh had fallen from the bones. The	ORCHESTRA FROM JUNE TO OCTOBER, CHARLES MCGLADE.	PURE OLD RYE WHISKIES	From Pittsourgh Union Station.
Deville the world at once fell in love with ts latest acquisition. It was rightly re- arded as a great achievement of science	not in more general use. It is certain that we will soon see them	on the Schuring. South of Wildwood the same company is putting up a rig on the Steel and one on the Boyle farm.	remains were taken to the morgue. As the body showed evidences of having been burned, it is suppose to be that of one of the Oil City visions	Cape May. THE ALDINE, Cape May, N. J., Decatur st., first house from Beach; open all the year.	From \$1 to \$1 50 Per Quart. All Goods Guaranteed as Represented.	Trains Run by Central Time.
nd its future prefulners was menued out	made in large quantities and used slmost	Detteman & Tanas will say their will	the Oil City victims.	THEODORE MUELLER proprietor.		Northwest System-Fort Wayne Route

duced to the world by the Frenchman, Deville, in 1856, has had a short yet interesting history. When first made in quantity by Deville the world at once fell in love with its latest acquisition. It was rightly regarded as a great achievement of science and its future usefulness was mapped out in glaring colors. With each decrease in price more numerous applications were suggested, but very few made. In 1862 the metal was sold at \$12 a pound, but many expectations had already been disappointed and its uses limited principally to articles of luxury. The trouble was not so much that aluminium itself had been found lacking, but that its price was

patiently can learn to do anything they please with it. It has striking peculiarities too high for many prospective uses. To make had worse, it was then found that aluminium could not be made any cheaper by the Deville process. Then cam of disappointment. For 25 years the world was in the tantalizing position of knowing uses for tone of alumini um if it could only be had at a low price. After the rapid ad-vancement in production and swift decline n price, from 1856 to 1861, the subsequent 25 years' dead level seemed to mark the limit of the aluminium industry, and many metallurgists had given up hope of any great future for aluminium.

parture of a picnic train on the Baltimore and Ohio Railroad. The train, when it backed into the sheds, was not stopped in time and, knocking down the protecting post, it crashed upon the platform and into the dense crowd. No rood it will

Parts of the clothes were gone and some of the flesh had fallen from the bones. The remains were taken to the morgue. As the body showed evidences of having been burned, it is suppose to be that of one of the Oil City victims. Patterson & Jones will case their well on the Kessler farm, back of Glenshaw, to-BACKED INTO A CROWD. A Number of Colored People Injured in

Work Down the Ohio, SISTERSVILLE-The Millers Run Oil CHICAGO, July 25.-About 1,500 colored

for surgical instruments, zinc, brass and silver leaf for decorations. Company's well on the Ben Rowls farm is in the sand and making 100 barrels a day. The Kanawha Oil Company has a well on the Jacob Rowls farm that is due to-day. Gillespie Bros.' well on the Stocking farm is making between 400 and 500 bar-Regarding workability, aluminium is in some respects a peculiar metal. Those who study the metal and experiment with it

rels a day. s wildcat well near Houston's Run. The erritory in this section has only been

CANONSBURG-John A. Snee is drilling

people were congregated in the Grand Central depot this morning awaiting the de-

The Dawn of a New Ers.

In 1866-67 a new era dawned. An inflow of new and successful methods of production reawakened hopes for the future. Five years of activity followed, the price dropped rapidly, larger and still larger quan-tities were produced and more and more

utilized. The first ripple of this tide of activity was felt in 1886, when a German manufact-urer, said then to be producing aluminium by electricity, lowered the selling price to The next year an improvement in making metallic sodium infused new life into the Deville process, and Mr. Castner sold aluminium for S5. In 1889 the electric method received a great impulse by the application of Hall's process, now in opera-tion on the banks of the Allegheny river 18 miles above Pittsburg, and aluminium was sold at \$4, and in 1890 at \$2 50 a pound. Processes similar to Hall's were started abroad, and a wholesale reduction in prices began. Sharp competition reduced the price in 1891 to as low as 50 cents a pound, at which figure there was really too little profit to the makers, and this present year it has rebounded to 60 cents, which is the present selling price for the ingot metal in arge quantities.

The present status of the aluminium industry is unique. All the aluminium now being made commercially is made by elec-trical processes. The chemical method, using sodium, is entirely superceded. Further, it appears as if, after five years of development, the electrical methods have almost reached their limit.

The Cost of the Metal.

The method of passing an electric current through a molten bath of fluoride salts in which aluminium oxide has been dissolved is in theory one of the simplest processes conceivable, and is in practice rapidly ap-proaching perfection. Having the right principle to work on, manufacturers trouble themselves very little about radically new processes, and are putting all their attention to perfecting details of the present method. With cheaper aluminium oxide, cheap power, and the decreasing cost of all minor items such as comes from working on a large scale, it is estimated, without ex-aggerstion, that aluminium will be manu-inctured in the near future at about 25 cents a pound. It costs at present between 40 and 50 cents.

We may almost surely expect aluminium to be selling again at 50 cents a pound inside of a year, but it is probable that somewhere about this figure will limit its price for several years to come. At this price aluminium is about on a par with copper, bulk for bulk. An aluminium and a copper rod of the same size would cost nearly the same. There are really at present nearly the same. There are really at present only six metals selling cheaper by the pound than aluminiuma, viz, iron, lead, zinc, copper, tin, and antimony, which, if we compare the cost of equal bulks, only iron, lead and zinc are materially cheaper.

Its Present Great Production.

The amount of aluminium being made daily in the world is not difficult to esti-The amount of aluminium being made daily in the world is not difficult to esti-mate. In the United States, the Pittsburg Reduction Company is making 450 pounds, daily, and the Cowles Electric Smelting Company at Lockport, N. Y., 450 pounds, making a total of about 150 tons a year. In England, the Metal Reduction Company at Patrieroit, Lancashire, produces 300 pounds daily, and the Cowles Syndicate Company at Stoke-on-Trent, 250 pounds, making a vearly total of about 100 tons. In France, the birth-place of the aluminium industry, Minet Brothers' works at St. Michael, Savoy, pro-duce daily 300 pounds, or 55 tons a year. The largest works in the world ure in Switzerland, at the Falls of the Rhine,

which must be mastered, but when properly taught by experience any article can be made of aluminium that can be made of any other metal. For instance, in regard to soldering, aluminium is one of the most difficult metals known. The difficulty of soldering it easily and satisfactorily has in times past been a great hindrance to its use in the arts. The writer has the pleasure of saying that his father, Mr. Joseph Richards, of Philadelphia, has removed all un-certainty from this question by inventing a solder which is almost everything that can be desired. Its successful use has removed

not in more general use. It is certain that we will soon see them made in large quantities and used filmost everywhere. We may, therefore, expect that aluminium will in a measure replace

cast iron, tinned iron, copper and brass for culinary use, steel, german silver and brass

Aluminium Is a Very Soft Metal.

one of the greatest drawbacks to aluminium in the workshop. The hammering, forging, rolling, drawing, stamping, cleaning and polishing of aluminium all present certain peculiarities which must be mastered before satisfactory results are obtained; but when once this experience is had aluminium can

be easily worked into any shape desired. Begarding strength, pure aluminium is a soft metal. On this account aluminium is frequently hardened by a small addition of 49,000. frequently hardened by a small addition of silver, nickel, copper or titanium, just as gold is hardened by silver or copper. This hardened aluminium is fully as strong as ordinary brass, though it cannot compare at all with steel. It is, however, strong enough for all purposes except construc-tions, and we may, therefore, say "that for all the purposes heretotore named aluminium can be made as strong as the cases require. It is, therefore, not lacking in strength

of constructions.

It Is Seiling Cheaply Just Now. Regarding cheapness the writer has lately been tempted to aver that aluminium is cheap enough. When we consider that in many respects it resembles the noble metals, and yet can be bought, bulk for bulk, as cheap as tin at a simost as cheap as copper, which are commonly regarded as base metals, it seems as if we have all that we have a right to expect. If we can think of the metals as worth outright so much a pound, I am quite ready to say that, con-sidering what aluminium is and how it compares with the other metals, 50 cents a pound is a low price for it. At that price

the world is getting cheap aluminium. It is not to be overlooked-nor can we justly complain-that articles made of alu-minium cost at present rather high. The reasons for this are two-fold. The low price at which ordinary articles of other metals are sold is largely due to their being made in im-mense quantities. Ask a manufacturer to make half a dozen spoons, or a dozen stew-pans, and it will be found that they would pans, and it will be tound that they would cost many times as much as if they were the ordinary kind made by thousands. Again, working in aluminium requires some time and patience to reach good results, and those who have mastered the working of it are looking for large profits. Some of the greatest benefactors of the aluminium in-dustry at present are those who are search-ing out the easiest ways of working and, utilizing aluminium, and by their efforts thus opening up the market for larger and larger consumption.

Having, then, the metal in large quan-tities at a low price, knowing how to work it into any desired shape, using the metal already at the rate of 500 tons a year-what of the future?

Will aluminium supersede iron and steel? The answer is-no.

It Will Not Supersede Iron and Steel, The metals which will be materially af-

fected by aluminium are tin, copper, zinc, lead and silver. Our block-tin pipe, tin foil, silver leaf, even silverware, may be largely replaced, while tinned-iron sheets

lightly tested, and if it prove open up a large amount of good property. The Manufacturers' Gas Company is get-ting ready to case its well through the Big Injun sand on the MoNary Bros farm in North Strabane township this week. The Light and Fuel Company cased its

morrow.

well on the White farm last week. The Philadelphia Company is drilling on the Weller farm in North Strabane township, The Gauges.

The hourly gauges of the larger wells at McDonald yesterday were as follows: Robb No. 3, Florence Oil Company, 25; Sinclair Oil Company's No. 1, 50; Forst & Greenlee's No. 8 McMurray, 20: Woodland Oll Company's No. 3 Crawford, 20. People's Gas Company's No. 1, 45: Oakdale Oll, 20. The estimated production was 19,500; stock in the field, open of the store of the store

Runs and Shipments, National Transit Company runs on the 28d were 32,921; shipments, none

Southwest runs, McDonald division, on the 23d, 25,185. Outside of the McDonald, 6,647. Buckeye Pipe Line, Macksburg divis-ion, 2,344. Runs, Lima division, 34,280; shipments, 90,964. Eureka Pipe Line, 11,748; shipments, 22,687. New York Transit ship-ments, 25,637. Southern Pipe Line shipments were 40,620. were 40,020. The runs of the Tidewater Pipe Line Satur-day were 3,446: t tal, 80,584: average, 3,363. The shipments were none; total, 180,969; aver-It is, therefore, not lacking in strength sufficient for all practical purposes outside

The National Transit Company runs Sunday were 4,893; shipments, 86,628. From McDonald, 11,729; outside of McDonald, 126. From Macksburg the runs were 569; shipments, 322. Lima division of the Buck-eye runs were 9,835; shipments, 20,388. Eureka shipments, 1,285. Southern Pipe Line shipments, 7,337. New York Transit shipments, 7,557.

Tidewater shipments Sunday were 23,972; total, 204,491; average, 8,539. Pittsburgers Drilling in Wyoming.

The Derrick, of Casper, Wyo., has the fol-lowing history of work done in the Wyom-ing oil fields by a syndicate of which P. M. Shannon, of Pittsburg, is the head:

Shannon, of Pittsburg, is the head: Of all oil companies thus far organized to operate in Wyoming, the syndicate of Pennsylvania independent producers, with Hon. P. M. Shannon, of Pittsburg, at the head, ranks first and foremost. They did not come here merely to speculate in oil land, but to demonstrate that the oil is here and in this respect these here here; and in this respect they have accom-plished more than all others combined. plished more than all others combined. True, for several years there have existed flowing wells near Lander, but they were so far remote from railroads and so little was known of them that many people even in Central Wyoming doubted the existence of the same, or thought that even if they were there it might indicate a small pool of oil only, and by no means demonstrated that the oil area extended over a consider-able portion of the country. Finally Attracted Personal points

Finally Attracted Pennsylvanians. The attention of a number of independ-

The attention of a number of independ-ent producers in the Pennsylvania fields was finally attracted to the Wyoming fields. They became interested, and during the winter of '89-90 sent the necessary ma-chinery here with which to put down a test well. Drilling was commenced, and in February, 1890, at a depth of something over 400 feet an artesian flow of water, ac-companied by considerable natural reprintly, 1000, at a depth of something over 400 feet an artesian flow of water, ac-companied by considerable natural gas, was encountered, after which opera-tions ceased for the winter. It was quite late in the season before operations were sgain resumed, a consider-able portion of the time having been em-ployed by a legal representative in per-fecting title to the landa Finally on August 30, 1890, drilling was resumed. The point of the drill already rested on the oil rock, and it required but a few strokes of the walking beam to obtain a showing of oil. Drilling was continued through the oil mand, a distance of 55 feet, and a genuine gusher of large capacity and good quality of oil was obtimed. The syndicate natur-ally tried to have the matter secret, but the news lasked out The Origand Formations. foil was obtdined. The syndicate natur-lify tried to keep the matter secret, but the news lasked out The Origiand Formations, Berwal oil same underlie the Wyoming

D

CUBANS IN THE CITY. They Want to Sell Iron Ore to the Carnegie Firm. Juan Catasuis and Don Jose Rikerus, o Santiago, are in the city. They came here to make arrangements with the Carnegie

Chicago Depot,

firm in regard to shipping them ore. Some time ago they sent a consignment to be tested, with which the company was much pleased. It is probable that before return-ing they will effect a contract for large They shipments of their ore to Pittsburg. The say that it is warmer here than in Cuba.



18.40 p.m. for New Castle, Jamestown, Youngstown and Niles, 18.45 p.m. ARRIVE from same points : 18.40 a.m. Derast for Youngstown, *12.20 p.m. ARRIVE from Youngstown, *6.45 p.m.

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Special Notices.

BALTIMORE AND OFIO RAILBOAD. Schedule in effet May 22, 1892. Eastern time

For Washington, D. Baltimore, Phi

For Washington, D C., Baltimore, Phil adeiphia and Net York, "5 60 a m and "50 p m. For Comberland, "5 50, "5 60 a m, Hilo, "5 30 p m. For Councellavilla, For Councellavilla, For Councellavilla, 5 50, 15 30 a m, 110, 14 15, 15 60 and 5 20 pm. 11 10, 14 15, 15 00 and 5 20 p m. F or Uniontown, 16 10, 14 15 and 15 0

For Mt. Pleasant, 1630 and 15 00 a m; 11 10, 15 and 15 00 pm. For Washington, Pa., 7 20, 58 10 and 19 30 a m., For Wheeling, 77 20, 58 10 and 19 30 a m., "4 00, 10 pm.

For Cincinnati and St. Louis, 7 20 a m and 7 a

General Manager, Gen. Pass. Agent.

General Hanager, Ott. 7 Mar. Agent A LLEGHENY VALLEY RAILWAY CO. A Taking effect June 2, 1892, trains will leave and arrive at Union station, Pittaburg, easi-ern standard time: Buffalo express-Leaves at 5:50 a.m., 5:50 p.m. (arriving at Buffalo at 5:46 p.m. and 7:20 a.m., 1: arrives at 7:00 a.m., 6:25 p.m. (iii City and DuBois express-Leaves 6:00 a.m., 6:20 a. m., 1:30 p.m.; arrives 1:00, 6:35, 10:30 p.m.; M. lenton-Leaves 3:65 p.m.; arrives 6:50 a. m., 5:05 p.m., 6:35 p.m., 1:71ves 6:00 a. m., 8:20 a. m., 1:30 p.m.; arrives m., 5:00 p.m.; arrives 7:55 a.m., 1:35 p.m., 1:71ves 10:00 a. m. Rit-tanning-Leaves 9:05 a. m., 5:00 p.m.; arrives 6:66 a. m., 1:25 m., 7:60 p.m. Valley Camp-Leaves 10:15 a.m., 2:30, 9:36, 11:30 p.m.; arrives 6:66 a. m., 12:50 c. 60, 11:40 p.m. Valley Camp-Leaves 10:15 a.m., 2:30, 9:36, 11:30 p.m.; arrives 6:66 a. m., 12:50 c. 60, 11:40 p.m. Valley Camp-Leaves 10:15 p.m. Braeburn-Leaves 9:50 a.m.; arrives 10:50 p.m. Braeburn-Leaves 9:50 a.m.; arrives 10:50 p.m. Braeburn-Leaves 9:50 p.m.; arrives 10:50 p.m.; Babel Martes P. A NDERSON; Gen Pasa Aff

PITTSBURG AND WENTERN RAIL.WAT-Behedule in effect May 18, 1892 (Central time) Depot cor, Anderson st. and Biver sr. Allerhent. Depot for Chicago, "1:00 p. m. Solid train with Pullman sleeping car. For Kand Bradford, 7:10 s. m. For Charlon, 7:10 s. m., 1:00 p. m. For Foxourg, 7:10 s. m., 1:00, 14:25 p. m. For Bullalo, Erie, Meadvilla, 7:10 a. m., 1:00 p. m. For Akron, Cleveland, 7:10 a. m., 1:00 p. m. For Akron, Cleveland, 7:10 a. m., 1:00 p. m. For Suttan, 7:10 a. m., 1:00, 14:25 p. m. For Bullalo, Solid Train m. 1:00, 14:25 p. m. For Start, Roy Carlo, 7:18, 19:50 a. m., 1:00 p. m. For Suttan, 7:18, 19:50 a. m., 1:00 p. m. For Buller, 10:30, 7:18, 19:50 a. m., 1:00 p. m. For Bull m. Trains arrive: From Kans, 10:45 p. m.: Clarion, 71:18 m., 1:00 p. m., 1:00 p. m.; Greenvilla, 10:00 a. m., 15:45 p. m.; Grothurg, 10:30 a. m., 11:50 a. m., 1:50 p. m.; 1:00 p. m.; 1:00 a. m., 11:50 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 a. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. m.; 1:00 a. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. m.; 1:00 p. 11:55 a. m., 1:00 p. m.; 1:00 p. 11:55 p. m.; 1:00 p. 11:55 a. m., 1:00 p. 10; 1:10 p. m.; 1:00 p. 11:55 p. 11:55 a. m., 1:00 p. 11:55 p. 11:55 p. m.; 1:00 p. 11:55 p. 11:55