

Philadelphia & Erie R. R.
WINTER TIMETABLE

On and after Monday, Dec. 6th, 1873, the trains on the Philadelphia & Erie Railroad will run as follows:

WESTWARD.	
Mail Train leaves Philadelphia,	9:45 p.m.
" " leaves Corry,	6:00 p.m.
" " arrives at Erie,	7:40 p.m.
Erie Expr. leaves Philadelphia,	12:45 p.m.
" " leaves Corry,	4:00 a.m.
" " arrives at Erie,	7:30 a.m.
Warren Accommodation leaves Warren,	8:30 a.m.
" " leaves Corry,	10:00 a.m.
" " arrives at Erie,	11:45 a.m.
EASTWARD.	
Mail Train leaves Erie,	9:00 a.m.
" " leaves Corry,	10:45 a.m.
" " arrives at Philadelphia,	6:50 a.m.
Erie Expr. leaves Erie,	9:00 p.m.
" " leaves Corry,	10:40 p.m.
" " arrives at Philadelphia,	8:30 a.m.
Warren Accommodation leaves Erie,	4:00 p.m.
" " leaves Corry,	6:05 p.m.
" " arrives at Warren,	7:30 p.m.

Express, Mail and Accommodation, East and West, connect at Corry, and all West bound trains and Mail and Accommodation East at Irvinston with Oil Creek and Allegheny River Railroad.

W.M. A. BALDWIN,
General Superintendent.

Removal.
M. GREETHL'S
READY-MADE CLOTHING ESTABLISHMENT.

Has changed Base, and will now be found at S. MICHEL'S OLD STAND, next door to Aken's Hall, on Washington Street. I have put in a large stock of NEW GOODS: SPRING OVER COATS; SPRING SUITS; DRESS SUITS; WALKING SUITS; UNDER CLOTHING of all kind; Splendid fitting Shirts; and a complete assortment of Heavy Made Goods. All of which is marked down lower than goods have ever been sold at in the Old Region.

Thanking my numerous customers for their patronage at my old stand, I hope they will continue their favors. GIVE ME A CALL.

M. GREETHL.

ISHAM & CO.,
Titusville, Pa.

NEW AND BEAUTIFUL STYLES OF
Watches and Jewelry,
(American, English and Swiss make.)
Sterling Silver Ware,
Silver Plated Ware,
Of all grades, unique designs in SILVER, especially adapted for presents.
SOLID GOLD CHAINS,
JEWELRY,
PINKETS,
REVOLVERS,
FISHING TACKLE,
SEAL RINGS, &c.
Particular attention given to repairing fine watches and jewelry by a competent workman.

The firm have also a store at TITUSVILLE, Spring street.

REMEMBER THE PLACE,
Centre street, next door west of the P. & A. Telegraph Office, Oil City, Pa.

DIAMONDS

T. M'Donald,
LIVERY, FEED & SALE STABLES!
At the Depot, opposite the Central House,
PETROLEUM CENTRE PA

The best Stock of DRIVING AND SADDLE HORSES on the Creek, are to be found at
M'Donald's Livery.

CARRIAGES & CUTTERS TO BE LET AT ALL TIMES.

HORSES FED & BOARDED
on Reasonable Terms. TEAMING of all kinds promptly attended to. Also, connected with the Livery Stable is a **BEER BREWERY.**

Parties in want of RICKBOARDS and WAGONS of all kinds, will do well to call on me, as I have the agency for some of the best manufacturers in the country, and will sell as cheap as they can be had at the manufacturing.

Give me a call.
T. M'DONALD,
Petroleum Centre, Feb. 27th, 1873.

FISHER & MORRIS
GENERAL MACHINISTS
at Dealers in all kinds of
WELL TOOLS & FIXTURES
Necessary for putting down and operating Oil Wells. In connection with our MACHINE SHOP we have a large and convenient
BLACKSMITH SHOP.

Our facilities for MANUFACTURING are not excelled by any Shop in the Oil Regions.
Shop - at - st. opposite McClintock House
FISHER & MORRIS.

The Excelior Life Insurance Co.
63 William-St.,
NEW YORK.
POLICIES AT OPTION OF HOLDER CONVERTIBLE INTO
ANNUITY BONDS.

This provides for old age
POLICY HOLDER PARTICIPATE IN PROFITS
POLICIES NON-FORFEITING
DAVIS & FOSTER,
General Agents, Fair Hill, Pa.
MOUNTAIN HARBOR, Pa. General Agents, Nov. 21

"POICKRY!"
Enumerating a few of the articles to be found at
L. M. STERNBURG'S
Lumber Yard
Near Railroad, Petroleum Centre, Pa.

Friends and patrons, one and all! Your attention to my "biz" I would call.

Times are dull and money tight, But in these times I'm looking for light;

To those who are building rigs without number, I would inform—this is the place to buy Lumber;

My motto is this: "Quick Sales and Small Profits." For business is healthy and I think much of it;

In quality my Lumber is second to none, And as for Shingles, I keep No. 1;

Some may not look at it in the light I do, And for those I have a quality No. 2;

And to those who are particular—as some may be, I still have another quality No. 3

have good seasoned Lumber. Dressed up nice, Which I will sell at a low cash price:

Such as Flooring, Ceiling and Siding, both Rough and Dressed, Lath, Battens and Surfaced Lumber, all of the best;

I also have Rim Lumber of all kinds. At prices to compare with oil and hard times;

All kinds of Timber kept constantly on hand, And a box of Cigars of a very good brand;

My facilities for selling are surely without number. I always keep good teams to deliver good Lumber go if you want Lumber, Rough, Dressed, Soft or Hard, You will find just what you want at L. M. S's Lumber Yard.

MEASE & ARMSTRONG,
Successors to H. H. Warner,
WHOLESALE AND RETAIL
Flour & Feed Merchants.

THE Subscribers having bought the old stand of H. H. Warner, intend continuing the business and will keep always on hand the best the market affords. We will do a WHOLESALE AND RETAIL trade in the following products:

FLOUR, FEED, HAY and GRAIN
of all kinds. We also have a very large stock of
APPLES.

We invite a share of public patronage, feeling confident we can give satisfaction in prices and quality of goods.

MEASE & ARMSTRONG,
Petroleum Centre, Pa., Nov. 9, 1870—11

A. Leggett,
(Successor to A. P. Leggett.)
Manufacturer and Dealer in
HARNESSES
Seed Bags,
Valve Cups, &c

Experienced workmen are employed, and Harness of all kinds kept constantly on hand and made to order.

FINE NEW HARNESSES, DOUBLE AND SINGLE,
on hand at reasonable rates.

P. C. Heinz's Pat. Seed-Bag for Sale.
FANCY AND HORSE BLANKETS IN LARGE QUANTITIES
There is no superior
VALVE CUP
Made, than the one made in my shop, and they will be sold at \$12 per hundred or 50 cents a set.

Main-st., below the McClintock House,
Petroleum Centre, Pa., Nov. 11, 73.

A CARD.

THE COLUMBIA CORNET BRAND OF COL. UMBRA FARM, are prepared to play for PUBLIC SAFEVINGS, FESTIVALS, PROCESSIONS, SERRANDES, &c. Address: McKees to Dr. C. SWITTLER, Leader C. C. B., Box 27, Columbia Farm P. O., J. A. E. HARTMAN, Secy.

DAME, SMITH & CO'S AD.
IMPROVED
Seneca Falls GAS PUMPS
With Steel Packing.
50 Sold in Last 30 Days.

Exclusive Agents for the Oil Region
DAME, SMITH & Co.,
Successors to F. W. AMES,
TITUSVILLE, PA.

Wood Work
FOR
CARRIAGE BUILDERS.

2D GROWTH SPOKES, HUBS,
CENT FELLOES, SHAFTS,
SAWED FELLOES, POLES,
NECKYOKES, WHIFFLETREES,
HUB BANDS, AXLES,
SPRINGS, FIFTH WHEELS,
MALLEABLES.

And the
Best Carriage Bolt in Market
DAME, SMITH & CO.,
Successors to F. W. AMES.

New 7-30 Gold Loan.
SAFE! PROFITABLE! PERMANENT!
JAY COOKE & CO.
Offer for Sale at Par and Accrued Interest

1st Mortgage Land Grant Gold Bonds
OF THE
Northern Pacific R. R. Co.

These bonds are secured, first, by a First Mortgage on the Railroad itself, its rolling stock, and all equipments; second, by a First Mortgage on its entire Land Grant, which is about Twenty Two Thousand Acres of Land to each mile of road.

The Bonds are free from United States Tax; the Principal and Interest are payable in Gold—the Principal at the end of Thirty years, and the Interest Semi-annually at the rate of SEVEN AND THREE-PENNY PER CENT. per annum.

They are issued in denominations of \$100, \$500, \$1,000, \$5,000 and \$10,000.

The Trustees under the Mortgage are Messrs. Jay Cooke, of Philadelphia, and J. Edgar Thompson, President of the Pennsylvania Central Railroad Company.

These Northern Pacific 7-30 Bonds will at all times before maturity be free while AT TEN PER CENT. PREMIUM (for 10) in exchange for the Company's lands at their lowest cash price.

In addition to their absolute safety, these Bonds yield an income larger, we believe, than any other first-class security. Persons holding United States 5-20's can, by converting them into Northern Pacifics, increase their yearly income one-third, and still have a perfectly safe investment.

HOW TO GET THEM.—Your nearest Bank or Broker will supply these Bonds in any desired amount, and of any need of denomination. Persons wishing to exchange stocks or other funds for these, can do so with any of our Agents, who will allow the highest current price for ALL MARKETABLE SECURITIES.

Those living in localities remote from Banks, may send money, or other bonds directly to us by express, and we will send back Northern Pacific Bonds at our own risk and without cost to the investor. For further information, pamphlets, maps, etc., call on or address the undersigned, or any of the Banks or Brokers employed to sell this loan.

James T. Brady & Co., Bank, Canby & Co., Masonic Savings Bank, Western Savings Bank, S. McLean & Co., Bankers, General Agents, Pittsburgh, Pa.

Geo. H. Bissell & Co., Local Agents, Petroleum Centre, Pa.

WAR DECLARED
On High Prices!
at the Old Stand of J. S. Prather, MAIN STREET, by the new firm,
M. V. B. FISHER,
Who intends keeping up a heavy stock of
GROCERIES & PROVISIONS
FLOUR, FRUIT, VEGETABLES,
and in fact every kind of goods usually kept in well appointed
GROCERY STORE.
I have a team on the road and will deliver Good-FREE OF CHARGE.
All I ask is a fair trial and an examination of my stock. Give me a call.
M. V. B. FISHER,
Petroleum Centre, Pa., July 29-73

ROBERTS' PETROLEUM TORPEDO
TORPEDOES.
THE ROBERTS
PETROLEUM TORPEDO CO.
Office at the
RED PLANING MILL,
Corner of Pine and Second Streets,
(Near the Railroad)
TITUSVILLE, PA.

Owing to the large and increasing demand for the Roberts' Torpedoes, and the late decision of the Commissioner of Patents in refusing to Wm. Reed a patent, and the decision of Judge F. C. Grier sustaining the Roberts' patent they have LOWERED the price of their Torpedoes
TWENTY PER CENT.

so that every Operator can afford to try a Torpedo before abandoning a Well.

The following is the decision rendered by Judge Grier on the twenty-second (22) day of September, 1869, in the United States Circuit Court at Philadelphia. The case was argued three days by Charles M. Keller of New York, H. F. Lucas and S. A. Purviance of Pittsburgh, for defendants, and George Harding of Philadelphia, and George H. Christy, of Pittsburgh, for plaintiff.

OPINION OF JUDGE GRIER.

As I write with difficulty I can only state the conclusions to which my mind has come after a careful examination of this case.

The complainant has exhibited a patent dated 25th of April, 1868. This is prima facie evidence of a good title, and puts on the respondents the burden of proof that the patent is void or worthless.

I need not repeat my remarks in the case of Good-year vs. Day (12 Wall. 473, 474, 220) but now adopt them as affording a rule of decision which applies clearly to the present case.

As the infringement of the patent is admitted, the only question will be as to the validity of complainant's patent of April 25, 1868.

It was after speculation had been reduced to practice, and after repeated experiments, that the complainant succeeded in overcoming the prejudice and ignorance of the people on the subject, and persuading the public that his invention was useful; after he had exhausted his great utility and value, and "when his genius and patient perseverance, in spite of sneers and scoffs," were completely successful, Reed, who had before made experiments on the same subject, and was unsuccessful, invented that he had the first right to the invention, and after purchasing one or more complainant's torpedoes he applied on the 1st of November, 1867, for a patent for substantially the same combination of devices and a title obtained in complainant's patent. On the 10th of the same month the complainant found themselves in a company or corporation called "The Reed Torpedo Company," for the purpose of pirating the complainant's invention, and supporting the expense of litigation, and thus defrauding him of the fruits. They have perverted, even after the preliminary injunction very properly granted by the District Judge.

A bill was entered for complainant for a perpetual injunction against the prayer of the bill, to take an account according to the provisions of the bill.

B. C. GRIER, Judge.

NOTE.—The passage referred to by Judge Grier in his former decision, 4 Wallace, p. 220 adopted as applicable to this case was as follows:

"It is not only the fact that any valuable discovery is made, or any new machine or art is invented, but that the public be made acquainted with that subject previously, and that many persons have been making researches and experiments. Philosophers and mechanics may have in some measure anticipated in their speculations the possibility or probability of such discovery or invention, and many experiments may have been tried, coming very near, yet falling short of the desired result. They have produced nothing beneficial. The invention which perfected may truly be said to be the culminating point of many experiments, and to have been indirectly by the success of the inventor, and the failures of others, but it gives them no right to claim a share on the honor of the people of the successful inventor. It is when speculation has been reduced to practice, when experiment has resulted in discovery and when that discovery has been perfected by patient and continued experiments when some new compound, art, manufacture, or machine has been thus produced which is useful to the public, that the party making it becomes a public benefactor and entitled to a patent."

"And yet when genius and patient perseverance have at length succeeded, in spite of sneers and scoffs, some valuable invention or discovery, how seldom is it followed by reward! Every robe him of the honor, while speculators, swindlers, and pirates, by the aid of the press, and the aid of every experimenter who did or did not come very near making a discovery now claims it. Every one who can invent an improvement or vary its form, claims a right to share the original discovery. We need not mention so, or Blanchard, or Woodworth to prove that this is the usual history of every great discovery or invention."

"The present case adds another chapter to this long and uniform history."—2 Wallace, U. S. Reports p. 222

CAUTION.

The public is cautioned against employing any but the regular, authorized Agents of the Company, since the Roberts' Patent cover the use of the Torpedo and all explosive materials for oil wells, and the use of such materials by other parties is a direct infringement of their rights. Any parties infringing any of the ROBERTS' PATENTS will be dealt with according to law, and as acting willfully and knowingly in defiance of law and the decisions of the Courts.

The Company have re-organized their business with a view to accommodate Oil Men in every part of the Oil Region. They have employed the most efficient Agents and Assistants that can be procured for the business. Each Torpedo is labeled with the name of the Agent, and the price of the Torpedo, and signed by an officer of the Company, so every Operator using a Torpedo may know its price and where to get it from our office.

Operators will confer a favor by reporting to this Office any negligence of Agents.

The following named persons have been appointed Agents and Assistants for the Oil Regions of Pennsylvania and West Virginia.

LIST OF AGENTS.

TITUSVILLE, CHURCH RUN AND VICINITY—STEPHEN G. OFF, Office, Hamilton's Clear Store, address Titusville, Pa. Assistant John Van Sertner.

TITUSVILLE, CHURCH RUN AND VICINITY—H. H. THOMAS, Office and address, Main House, Titusville, Pa.

SILVER SPRING AND VICINITY—GEORGE IRVING, Office, Shamburg; residence, Titusville, Pa. Assistant, A. A. West.

ENTERPRISE PLEASANTVILLE, BEAN FARM AND PITTSBURGH—W. GEO. VAN VLIET, Office and address, Chase House, Pleasantville, Pa. Assistant, H. C. Huntington.

TIMOTHY AND WEST HICKORY—CHAS. CLARK, Office and address, Exp. Co. Office, Tidoute, Pa. Assistant, E. C. Boardley.

PETROLEUM CENTRE AND VICINITY—LEVI MASON, Office and address, Petroleum Centre, Pa. Assistant, Charles Blackford.

FARR AND BLOOD FARMS and District lying on Oil Creek and Cherry Run, from Store Farm to Store Farm, Pa. Assistants, Luther B. Saunders, Charles E. Cochran and William Hoyt.

McCLINTOCKVILLE, OIL CITY AND RENO—A. S. WEST, Address, Oil City or Reno, Pa. Assistant, A. Mend.

FRANKLIN, ALONG THE ALLEGHENY RIVER, W. LIBERTY, Office and address, Franklin, Pa. Assistant, J. A. BISSSELL.

LANDING—RICHARD W. REDFIELD, Office and address, Scrubgrass, Pa. Assistant, R. W. Porterfield, address Eminton, Pa.

WEST VIRGINIA—C. D. ANGEL, and T. F. COOK, Address, Parkersburg, West Virginia.

Roberts' Petroleum Torpedo Co

OWEN GAFFNEY'S COLUMN.
THE OLD ESTABLISHED
Liquor House
NO. 25 WASHINGTON STREET,
PETROLEUM CENTRE
OWEN GAFFNEY, PROP'R.

Celebrated Ales

Light Ale, Old Stock and Porter.
THE FINEST IN THE PLACE!

Fall Stock
OF
LIQUORS!

THE HEAVIEST EVER OFFERED FOR SALE ON OIL CREEK.

Prices Lower
THAN EVER OFFERED!
Goods Sold at
New York Prices,
and WARRANTED PURE!

Cash Prices
ON ALL GOODS.

Buy for Cash
AND SAVE MONEY.

Hennessey Brandy,
Martelle Brandy
Rhine Wine,
Mumm Wine,
Brocton Wine,
Sparkling Catawba Wine,
Hammoldsport Wine,
All by the case.

ALWAYS ON HAND A LARGE STOCK OF
SUNDAY COMFORT
TO BE HAD AT ALL TIMES.

Do not fail to give me a call, and if you want to buy for cash, make me an offer before ordering elsewhere.

OWEN GAFFNEY,
No. 25 Washington street
Petroleum Centre, Pa., Aug. 18, 1873.