

Philadelphia & Erie R. R.
WINTER TIME TABLE

On and after Monday, Dec. 5th, 1890, the trains on the Philadelphia & Erie Railroad will run as follows:

WESTWARD.	
Mail Train leaves Philadelphia,	6:40 a.m.
" " leaves Erie,	6:00 p.m.
" " arrives at Erie,	7:40 p.m.
Erie Expr. leaves Philadelphia,	6:50 a.m.
" " leaves Erie,	7:40 a.m.
Warren Accommodation leaves Warren,	8:30 a.m.
" " leaves Erie,	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,	4:50 p.m.
Erie Expr. leaves Erie,	9:00 p.m.
" " leaves Corry,	10:45 p.m.
" " arrives at Philadelphia,	6:30 p.m.
Warren Accommodation leaves Erie,	4:00 p.m.
" " leaves Corry,	6:05 p.m.
" " arrives at Warren,	7:15 p.m.

Express, Mail and Accommodation, East and West, connect at Corry, and all West bound trains and Mail and Accommodation East at Irvincton with Oil Creek and Allegheny River Railroad.
W. M. A. BALDWIN,
General Superintendent.

Removal.
M. GREETHLS'
READY-MADE CLOTHING ESTABLISHMENT.
Has changed Base, and will now be found at **S. MICHELS' OLD STAND,** next door to Aiken's Hall, on Washington Street. 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 Ready-Made Goods. All of which is marked at 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.**
at 7m. **M. GREENTHAL.**

ISHAM & CO.,
Titusville, Pa.
NEW AND BEAUTIFUL STYLES OF
Watches and Jewelry.
(American, English and Swiss made)
Sterling Silver Ware,
Silver Plated Ware,
Of all grades, unique designs in SILVER, especially adapted for presents.
SOLID GOLD CHAINS,
JEWELRY,
PISTOLS,
REVOLVERS,
FISHING TACKLE,
SEAL RINGS &c., &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,
Main street, next door west of the A. A. Telegraph Office, Oil City, Pa.
DIAMONDS

T. McDonald,
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 **REPAIRS.**
Parties in want of **BUCKBOARDS** 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 manufacturers.
Give me a call.
T. McDONALD,
Petroleum Centre, Feb. 27th, 1871.

FISHER & NORRIS
GENERAL MACHINISTS
and 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 Region.
Shop—air-st, opposite McClintock House
ym
FISHER & NORRIS

The Excelsior Life Insurance Co.
63 William-St., NEW YORK.
POLICIES AT OPTION OF HOLDER CONVERTIBLE INTO
ANNUITY BONDS.
TBAs provided for old age.
POLICY HOLDER PARTICIPATE IN PROFITS.
POLICIES NON-EXPIRING.
DAVIS & SENTER,
General Agents, Franklin, Pa.

"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 "POICKRY" I would call
Times are dull a 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 called No. 3
I 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 Rig Lumber of all kinds, At prices to compare with oil and hard times;
All kinds of Timber knot constantly on hand, And a box of Cigars of a very good brand;
My facilities for selling are ample 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.
Feb 18-17

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 enlarging the business and will keep always on hand the best market offers. 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 fine
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.—17

A. Leggett,
(Successor to A. T. Leggett,)
Manufacturer and Dealer in
HARNESS
Seed Bags,
Valve Cups, &c
Experienced workmen are employed, and Harness of all kinds kept constantly on hand and made to order.
FINE NEW HARNESS, DOUBLE AND SINGLE,
on hand at reasonable rates.
P. C. Reinz'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. 17, -17.

A CARD.

THE **LEMBIA CORNERS BAND, OF COL.** has just received a new and improved set of **DRUMS** and **TRUMPETS** for hire. Apply to **D. C. SMITH, Lumber Co., C. B. B. Co.,** or **J. C. HARTMAN, Sec'y.**
Petroleum Centre, Pa., July 25-17

DANE, SMITH & CO.'S AD.
IMPROVED
Seneca Falls GAS PUMPS
With Steel Packing.
50 Sold in Last 30 Days.
Exclusive Agents for the Oil Region
DANE, 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
DANE, 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 equipment; second, by a First Mortgage on its entire Land Grant, being more than 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-TENTHS PER CENT. per annum.
They are issued in denominations of \$100, \$500, \$1,000, \$2,500 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 receivable AT TEN PER CENT. PREMIUM (or 1.10) 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 reliable investment.
HOW TO GET THEM—Your nearest Bank or Banker will supply these Bonds in any desired amount, and of any need-d denomination. Persons wishing to exchange stocks or other bonds for these, can do so with any of our Agents, who will allow the highest current market for ALL MARKETABLE SECURITIES.
Those holding in localities remote from Banks, may send requests for 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 Bankers employed to sell this loan.
For sale by
James T. Brad & Co., H. H. Coughlin & Co., Marine Savings Bank, Western Savings Bank, McLean & Co., Bankers, General Agents, Pittsburgh, Pa.
BY GEO. H. BROSIG & CO., Local Agents, Petroleum Centre, Pa.
m39-1m.

WAR DECLARED
On High Prices!
at the Old Stand of J. S. Prather, MAIN STREET, by the new firm,
M. V. S. 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 Goods, FREE OF CHARGE.
See-ALL ask's a call and see examination of my stock. Give me a call.
M. V. S. FISHER,
Petroleum Centre, Pa., July 25-17

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 relation to Wm. Reed's patent, and the decision of Judge P. O. 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, 1889, in the United States Circuit Court at Philadelphia. The case was argued three days by Charles M. Keller of New York, B. E. Lucas and S. A. Furman of Pittsburgh, for the Roberts, 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 23d of April, 1865. 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. C. C. Rep. 237), but now adapt 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 23, 1865.
"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 established its great utility and value, and when his genius and patient perseverance, in spite of sneers and scoffs, were completely successful, that Reed, who had before made experiments on the subject, and was unsuccessful, imagined that he had the best 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 combinations of devices and a claim contained in complainant's patent. On the 10th of the same month the respondents formed a company, and a company in the purpose of pirating the complainant's invention, and supporting the expense of litigation, and thus defrauding him of the fruits. They have persevered, even after the preliminary injunction very properly granted by the District Judge."
Let a decree be entered against the complainant for a perpetual injunction, and a Master appointed to take an account according to the prayer of the bill.
It. C. GRIER, Judge.

CAUTION.
The public is cautioned against employing any at 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 held liable according to the law, and will be prosecuted and lawfully 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 date of issue, together with the price of the Torpedo, and signed by an officer of the Company, so every Operator wishing a Torpedo may know its price and whether it came 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 LOOF, Office, Hamilton's Cigar Store, address Titusville, Pa.; Assistant John Van Siver.
TITUSVILLE, CHURCH RUN AND VICINITY—H. H. THOMAS, Office and address, Hamilton House, Titusville, Pa.
SHAMBERG AND VICINITY—GEORGE H. IVINS, Office, Shamberg; residence, Titusville, Pa. Assistant, A. A. West.
ENTERPRISE, PLEASANTVILLE, BEAN FARM AND PITTSBURGH—W. GEO. VAN VLIET, Office and address, Cause House, Pleasantville. Assistant, H. C. Huntington.
TIDWATER AND WEST BUCKARY—CHAS. CLARK, Office and address, Exp. Cas Office, Tidwate, Pa. Assistant, E. C. Boardley.
PETROLEUM CENTRE AND VICINITY—LEVI MASON, Office and address, Petroleum Centre, Pa. Assistant, Charles Blackford.
TARR AND BLOOD FARMS AND DISTRICT lying on Oil Creek and Cherry Run, from Story Farm to McClintockville—JESSE ANDERSON, Address, near Story Farm, Pa. Assistants, Luther B. Saunders, Charles E. Cochran and William Hoyt.
MCCLENTOCKVILLE, OIL CITY AND B. NO—A. S. WEST, Address, Oil City or Reno, Pa. Assistant, J. Mend.
FRANKLIN, ALONG THE ALLEGHENY RIVER—Z. W. LEBLANC, Office and address, Franklin, Pa.
WEST VIRGINIA—C. D. ANGEL, and T. P. DOOK, Address, Parkersburg, West Virginia.
Roberts Petroleum Torpedo Co
m39-2-17

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,
Hammondsport 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 15, 1870.