# CHESS.

All communications should be addressed to the Chess Editor, P. O. Box 463.

The Pittsburg Chess Club meets at the Pittsburg Library, Penn avenue.

The Allegheny Chess Club meets at Dr. Miller's Hall, North avenue, Monday and Thursday evenings.

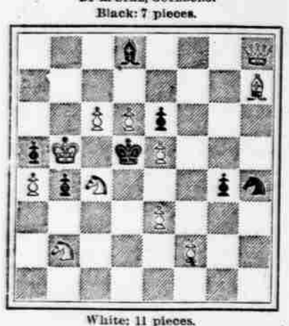
Solvers who understand the German notation are requested to use it.

### PROBLEM NO. 239.

[Third prize British Chess Magazine Problem Tourney, 1892.]

BY K. STAL, GOTEBORG.

Black: 7 pieces.



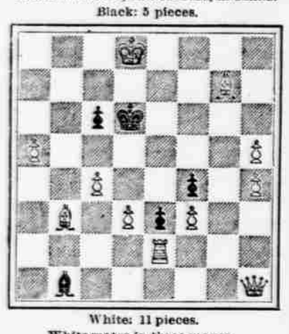
White: 11 pieces.
White mates in three moves.

### PROBLEM NO. 240.

[Fourth Prize British Chess Magazine Problem Tourney, 1892.]

BY G. HEATHCOTE, MANCHESTER, ENGLAND.

Black: 5 pieces.



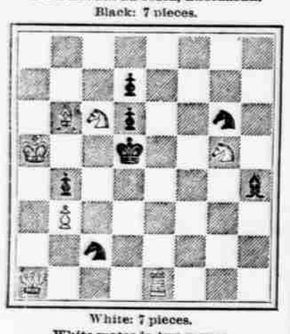
White: 11 pieces.
White mates in three moves.

### PROBLEM NO. 241.

[First prize, two-move section, in the problem tournament of the twentieth congress of the Netherland Chess Association, held at Amsterdam July 31, 1892.]

BY H. MENDES DA COSTA, AMSTERDAM.

Black: 7 pieces.



White: 7 pieces.
White mates in two moves.

### END GAME NO. 40.

BY CAPTAIN BERTIN.

Black: 8 pieces.

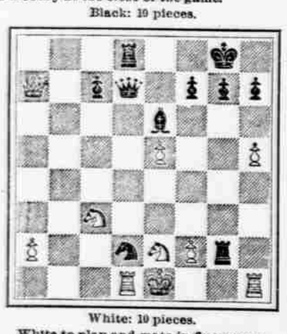
White: 9 pieces.
White to play and mate in eight moves.

### GAME ENDING NO. 49.

[American Chess Monthly.]

The following position occurred in a game recently played between two amateurs: Black played B to R 6, and white answered Q to K 2, winning a piece. Black might have bested in five moves, as pointed out by Mr. Pillsbury at the close of the game.

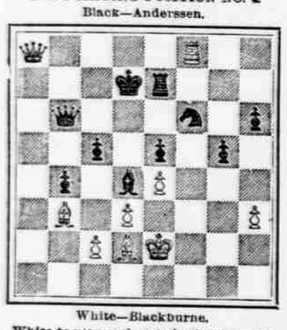
Black: 10 pieces.



White: 10 pieces.
White to play and mate in five moves.

### EASY MATING POSITION NO. 4.

Black—Anderssen.



White—Blackburne.
White to play and mate in three moves.

### SOLUTION TO PROBLEM NO. 233.

BY EUGENE WOODARD.

| White. | Black. | White. |
|---|---|---|
| R E 4 | K x Kt | R R 8 |
| | K Q 1 | K t x Q P |
| | K R t 1 | K t x K t P |

### SOLUTION OF PROBLEM NO. 234.

BY COLONEL A P. ROCKWELL, U. S. A.

| White. | Black. | White. |
|---|---|---|
| Q E 7 | K x P | Q R t 7 ch |
| | K B 4 | Q B 7 ch |
| | Other | Q B 7 m |

No. 235—By P. G. Keeney. Key, R B 4.

Correct solutions from E. E. Craumer, Allegheny; E McDougall, city, and Otto Wurzburg, Grand Rapids, Mich. Otto W. does not like Nos. 233 and 234, but thinks No. 235 pretty. McDougall considers No. 235 good.

### NOTES.

Mr. B. Koehler will deliver a lecture at the Allegheny Chess Club on Monday evening, September 26, at 8 o'clock.

A tourney for two-move problems is announced in the Manchester *Weekly Times*. There will be three ordinary prizes, and a special prize for the best problem by a composer who has never previously won a prize in any problem tourney. A solution tourney will run concurrently. Address Chess Editor, *Weekly Times*, Manchester, England.

The Bradford *Observer Budget* states that in consequence of Lasker's withdrawal, and some uncertainty as it would seem as to Gunsberg's intentions, the proposed triangular match between these masters and Blackburne has had to be abandoned. In its place a quadrangular match has been arranged, in which the participants will be Blackburne, Bird, Mason and another master to be selected later. These four players will each contest three games with each other.

The annual handicap tournament of the Manhattan Chess Club will begin on Saturday, September 24. There will be five prizes and each competitor will have to play two games a week.

The proposed match, North versus South of England, with 50 to 100 players a side, will likely take place. The Rev. John Owen has accepted the Captaincy of the Northern team.

### GAME NO. 159—STAUNTON'S OPENING.

Played in the St. John *Globe* correspondence tourney No. 2 between J. S. Hale, of Ottawa, Can., and Homer C. Catlin, of Canton, O. Score and notes from St. John *Globe*:

| White. | Hale. | Black. | Catlin. |
|---|---|---|---|
| 1. P K 4 | P K 4 | 21. Kt R 3 ch | K Q 3 |
| 2. K Kt B 3 | Q Kt B 3 | 22. Kt x R | R x Kt |
| 3. P B 3 | P Q 4 | 23. R K 8 ch | K Q 2 |
| 4. Q R 4 | P B 3 | 24. R Kt 8 | Kt Kt 3 |
| 5. B Kt 5 | K Kt K 2 | 25. P K R 4 | Kt B 1 |
| 6. P x P | Q x P | 26. P Q R 4 | B Q 3 |
| 7. Castles | B Q 2 | 27. P Q R 5 | B K 5 |
| 8. P Q 4 | P x P | 28. B K 3 | B Q 4 |
| 9. P x P | Q Q 3 | 29. Kt Q 2 | P Q B 4 |
| 10. R K 1 | Castles R | 30. R Kt 5 | K B 3 |
| 11. Kt B 3 | P Q R 3 | 31. R x P ch | B x R |
| 12. P Q R 3 | B B 4 | 32. P x B | K Kt 4 |
| 13. B x R P | P x B | 33. Kt Kt 1 | K x P |
| 14. Q x P ch | K Q 2 | 34. B Q 2 ch | K Kt 4 |
| 15. Q Kt Kt 5 | Q Q 4 | 35. P Q Kt 4 | R Q 1 |
| 16. Q K t 7 | R B 1 | 36. R B 3 ch | K B 3 |
| 17. B Q 2 | Kt Kt 5 | 37. B K 3 | Kt R 2 |
| 18. Q x Q ch | Q Kt x Q | 38. P B 3 | Kt Kt 4 |
| 19. Q R B 1 | Kt B 3 | 39. Kt R 4 | B Kt 6 |
| 20. R x Kt | K x R | 40. Resigns. | |

### NOTES BY MR. CATLIN.

12 P Q R 3. Threatening to trap the Queen. B x P instead would have been much better, viz.: 13 B x P, P x B; 13 Q x P ch, K Kt 1; 14 Kt Q Kt 5, Q Q 4; 15 B B 4, R B 1; 16 Q R B 1, threatening to sacrifice the R for Kt, and if necessary the K R for the other Kt later on.

[Black should play 14 x x, B B 1 instead of Q Q 4.—Ed.]

17 x x, Kt Kt 5. The move which forces the exchange of Queens and gives black the advantage.

25 P K R 4. A lost move. P Q R 4 was safe, as if 25 Kt x P; 26 B Q Kt 4 wins.

30 x x, K B 3. A curious trap for the rook. 40 x x, Resigns. Black can soon force the exchange of pieces and eventually win the pawns.

## THE GAME OF DRAUGHTS.

REFERENCE BOARD.

—101—

Black men occupy squares 1 to 12; white men squares 21 to 32. Black men always move first.

Checker Headquarters—Home Hotel, Duquesne way, between Eighth and Ninth streets; at Samuel Seeds', 96 Seventh avenue, and Allegheny Checker Club room, Sterrit Building, Ohio and West Diamond streets.

### TO CORRESPONDENTS.

Positions, Problems, Games and Checker News will at all times be welcome. All communications to be addressed

P. O. BOX 23, EAST END, PITTSBURG, PA.

### SOLUTION TO PROBLEM NO. 180.

BY A. J. HEFFNER, DEDHAM, MASS.

Black—6; kings, 19, 26.
White—11, 14, 18; king, 8.
White to move and win.

| | | | | | |
|---|---|---|---|---|---|
| 8—12a | 8—3 | 8—11 | 8—4 | 11—8 | 14—10 |
| 26-23-1 | 27—24 | 24—19 | 15-8-4 | 19—23 | 18—4 |
| 11—8 | 12—8 | 3—8 | 4—11 | 18—15 | 10—1 |
| 23—27 | 19-23-3 | 19—15 | 23—19 | 23—16 | W. wins |

VARIATION A.

| | | | | | |
|---|---|---|---|---|---|
| 8—3 b[1] | 11—7c | 7—2 | 14—7 | 3—8 | 7—3 |
| 26—22 | 22—15 | 6—10 | 15—11 | 11—4 | Drawn. |

VARIATION B.

| | | | | | |
|---|---|---|---|---|---|
| 8—4 | 11—8 | 8—3 | 3—8 | 14—10 | 18—6 |
| 19—16 | 16—11 | 26—22 | 22—15 | 6—9 | Drawn. |

VARIATION C.

| | | | | | |
|---|---|---|---|---|---|
| 3—8 | 8—4 | 4—11 | 11—15 | 14—10 | 10—6 |
| 22—15 | 15—8 | 19—24 | 24—27 | 6—9 | Drawn |

VARIATION 1.

| | | | | | |
|---|---|---|---|---|---|
| 26—30 | 8—3 | 19—22-6 | 2—8 | 6—10 | 18—15 |
| 11—8 | 25—21-5 | 8—11 | 21—25-7 | 8—3 | 19—10 |
| 30—25 | 12—8 | 23—19 | 11—7 | 10—17 | W wins |

VARIATION 2.

| | | | | |
|---|---|---|---|---|
| 26—22 | 11—7 | 22—15 | 7—2 | White wins. |

VARIATION 3.

| | | | | | | |
|---|---|---|---|---|---|---|
| 24—27 | 6—10 | 10—17 | 18—15 | 19—10 | 7—21 | |
| 3—7 | 8—3 | | | | W wins | |

VARIATION 4.

| | | | | |
|---|---|---|---|---|
| 15—22 | 14—10 | 6—15 | 11—27 | White wins. |

VARIATION 5.

| | | | | |
|---|---|---|---|---|
| 25—22 | 3—7d | 22—15 | 7—2 | White wins. |

VARIATION D.

| | | | | | |
|---|---|---|---|---|---|
| 14—10 | 10—1 | 1—6 | 19—15 | 6—1 | 15—10 |
| 22—15 | 15—11 | | | | Drawn. |

VARIATION 6.

| | | | | |
|---|---|---|---|---|
| 21—17 | 8—11 | 7—10 | 11—7 | White wins. |

VARIATION 7.

| | | | | |
|---|---|---|---|---|
| 21—17 | 8—3 | 17—10 | 11—7 | White wins. |

### SOLUTION TO PROBLEM 182.

BY JOHN L. RAE, BUENA VISTA, PA.

Black—15. 16, 27; king, 32.
White—28; king, 7, 23.
White to move and draw.

| | | | | | | |
|---|---|---|---|---|---|---|
| 26—22 | 15—19 | 16—19 | 23—27 | 26—23 | 32—28 | |
| 16—20-1 | 11—16 | 27—31 | 28—24 | 20—17 | 23—32 | |
| 7—11 | 19—23-2 | 19—16 | 27—32 | 22—18 | Drawn. | |

VARIATION 1.

| | | | | | | |
|---|---|---|---|---|---|---|
| 27—31 | 16—19 | 19—23 | 32—23 | 23—26 | 31—27 | |
| 7—11 | 11—18 | 18—27 | 28—24 | 22—18 | Drawn. | |

VARIATION 2.

| | | | | | | |
|---|---|---|---|---|---|---|
| 27—31 | 31—27 | 27—31 | 20—27 | 32—23 | 28—24 | |
| 16—23 | 22—18 | 28—24 | 18—22 | 23—32 | Drawn. | |

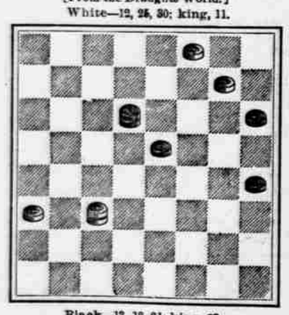
The above play by Mr. Rae should be noted by all who have a copy of Lyman's problem book. It corrects Wyllie's solution, who plays 7-10, and allows the neat win, as shown by J. P. Reed in *Chronicle Telegraph* of September 6. The above play maintains No. 518 in said book as sound.

### PROBLEM NO. 183.

BY J. R. NASMYTH, DONIBRISTLE, FIFE.

[From the Draughts World.]

White—12, 25, 30; king, 11.



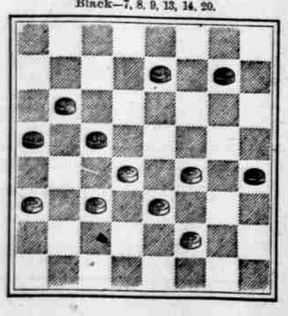
Black—13, 18, 21; king, 23.
Black to play and white to draw.

### PROBLEM NO. 184.

BY JOHN M'ATEER, GLASGOW.

[From the Draughts World.]

Black—7, 8, 9, 13, 14, 20.



White—18, 19, 21, 22, 23, 27.
White to play and black to draw.

(A correction of problem 181, by H. D. Lyman, in "Gould's Book of Problems.")

### GAME NO. 355—CROSS.

BY JOSEPH MAIZE, M'DONALD, PA.

| | | | | | |
|---|---|---|---|---|---|
| 11—15 | 26—17 | 3—7 | 19—15 | 25—18 | 13—9 |
| 23—18 | 11—15 | 22—18 | 18—27 | 2—9 | 19—23 |
| 8—11 | 29—25 | 15—22 | 15—8 | 10—15 | 9—6 |
| 27—23 | 7—10 | 26—17 | 27—31 | 17—10 | 1—10 |
| 10—14 | 17—13 | a 11—15 | 26—22 | 5—14 | 2—6 |
| b 22—17 | 9—14 | 23—19 | 31—26 | 24—20 | 11—15 |
| 15—22 | 25—22 | 7—11 | 8—3 | 15—19 | 6—2 |
| 17—10 | 4—8 | 27—23 | 26—30 | 10—7 | 23—26 |
| 6—15 | 30—26 | 2—6 | 3—7 | 18—15 | Black |
| 23—18 | 8—11 | 31—26 | 30—25 | 7—2 | Wins. |
| 15—22 | 22—27 | 15—18 | 7—2 | 15—11 | |

(a) This seems to win, correcting Bowen's cross var. 675 at 22d move.

(b) This move is weak, if not an absolute loss.

### GAME NO. 356—SINGLE CORNER.

The following game was played at Harmony, between Mr. Henry Niece and Mr. Alexander Miller, both of the same place, on September 13, 1892.

MR. NIECE'S MOVE.

| | | | | | |
|---|---|---|---|---|---|
| 11—15 | 22—15 | 12—19 | 20—16 | 23—26 | 11—8 |
| 27—18 | 11—18 | 8—12 | 16—19 | 32—23 | 4—11 |
| 15—22 | 24—19 | 25—30 | 16—12 | 26—19 | 7—23 |
| 25—18 | 18—17 | 12—16 | 25—22 | 17—14 | 9—14 |
| 8—11 | 30—26 | 19—24 | 26—17 | 28—32 | 20—16 |
| 29—25 | 17—22 | 16—19 | 19—26 | 21—17 | 5—9 |
| 9—13 | 26—17 | 24—28 | 12—8 | 32—27 | 16—11 |
| 24—20 | 9—13 | 18—15 | 26—31 | 17—13 | 9—13 |
| 10—15 | 14—10 | 29—25 | 27—24 | 27—23 | 11—7 |
| 18—14 | 13—29 | 22—25 | 30—26 | 7—16 | 13—17 |
| 15—18 | 10—3 | 1—6 | 8—3 | 23—18 | 23—26 |
| 28—24 | 18—22 | 15—11 | 26—22 | 10—7 | 14—18 |
| 3—8 | 23—18 | 6—10 | 3—7 | 18—9 | 7—3 |
| 26—22 | 22—25 | 31—26 | 31—27 | 13—6 | 18—22 |
| 6—9 | 19—16 | 10—15 | 24—20 | 2—9 | W wins |

At seventy-first move of above game black moved 23-18, and lost a strong position, but if black had moved instead 19-16, we cannot find a draw for whites; and to the first sending us a sound draw for the whites after 19-16 we will send them a copy of English tourney games for 1892.

### GAME NO. 357—LAIRD AND LADY.

BY L. ARMSTRONG, BLYTHSDALE, PA.

| | | | | | |
|---|---|---|---|---|---|
| 11—15 | 17—14 | 4—8 | 28—24c | 12—16 | 12—8 |
| 23—19 | 10—17 | 24—19 | 16—20 | 19—12 | 2—7 |
| 8—11 | 21—14 | b 11—16 | 31—26 | 7—10 | Black. |
| 22—17 | 15—18 | 26—22 | 16—12a | 14—7 | Wins. |
| 9—13 | 19—15 | 13—17 | 25—18 | 3—28 | |

(a) This corrects Derry *News* game 769, where 17-21 was played and whites won.—L. A. in *Chronicle Telegraph*.

(b) It is not often that Mr. Armstrong overlooks an old trap published in THE DISPATCH one year ago. At thirteenth move we have this well-known position:

Black—1, 2, 3, 5, 6, 7, 8, 12, 13, 16, 18.
White—10, 15, 19, 25, 26, 27, 28, 29, 30, 31, 32.

White to move and win.

| | | | | |
|---|---|---|---|---|
| 26—22 | 15—10 | 25—21 | 27—4 | 29—22 |
| 16—23 | 6—15 | 18—25 | 12—16 | W. wins. |

(c) Instead of 28-24, 15-10 wins again for white.

### CORRECTION OF GAME NO. 354.

Mr. Atkinson writes to the New Castle *Chronicle* as follows: I have received the following correction from Mr. J. L. Richmond, of Marsden. After the twenty-fifth move the position is:

Black—1, 7, 8, 10, 11, 12, 13, 14, 17.
White—19, 20, 21, 25, 28, 30, 31, 32.

White to move and draw.

| | | | | | |
|---|---|---|---|---|---|
| (a) 31—26* | 15—24 | 30—26 | 18—24 | 25—22 | 12—19 |
| 11—15 | 28—19 | 11—15 | 28—19 | 7—11 | 23—7 |
| 26—23 | 8—11* | 32—28 | 1—5 | 19—16 | Drawn |

a) The following play credited to Mr. Richmond, of Marsden, Eng., was shown to us by the veteran, Harry Lindsay, three days before our exchanges reached us, which goes to show our critics are in no way behind their brethren of the old country.

Mr. J. P. Grey writes to the same journal: At second move of variation 1, game No. 354, 1-6 is played, allowing the following draw:

Position:

Black—1, 7, 8, 10, 11, 12, 13, 14, 17.
White—19, 20, 21, 24, 25, 30, 31, 32.

Black to move and white to draw.

| | | | | | |
|---|---|---|---|---|---|
| 1—6 a | 30—25* | 14—23 | 20—16 | 18—11 | 14—18 |
| 31—26* | 11—18 | 21—7 | 20—23 | 12—16 | 20—16 |
| 11—15 | 25—22 | 22—26 | 24—20 | 11—15 | 18—19 |
| 25—22 | 18—27 | 7—3 | 23—18 | 16—23 | 16—11 |
| 15—18 | 32—23 | 26—30 | 19—15 | 9—14 | 18—23 |
| 22—15 | 6—9* | 26—21 | 12—19 | 23—26 | 26—22 |
| 7—11 | 23—18 | 30—26 | 3—12 | | Drawn. |

(a) 11-15, 30-26, 1-6, black wins. Mr. Atkinson simply put the "cart before the horse."—J. P. Grey.

### ALLEGHENY CHECKER TOURNAMENT.

This club is without doubt the most energetic checker organization in Pennsylvania, and is setting an example for other clubs to follow. Pittsburg will soon have to waken up, or she may soon find herself dethroned as a checker center, and, the way the Allegheny boys talk, their object is to take the lead.

On August 19 THE DISPATCH published the full details of the new line. One line is to be constructed from the McDonald field to the refineries around Titusville, and from Titusville two lines will be laid to Bradford and from thence through the Northern tier counties to Newberg on the Hudson river. There will be two lines put down side by side. One will be used for the transportation of petroleum, and the other for distillate, which is partially refined oil.

After reaching the seaboard the distillate will be put through a simple process which will convert it into a thoroughly refined oil, and it will then be ready for shipment to any port.

Robert Roy, who is interested in the new line, said that the cost of fuel in the oil regions was so much less than on the seaboard, that they could thus afford to put down the line for distillate and save railroad charges by piping it to the ocean vessels.

#### Reports From the Wells.

There is yet only one well in the McDonald field reported to be making over 20 barrels an hour, and that is Greenlee & Forst's No. 2, on the Noble heirs' property, which is placed at 42 barrels an hour.

The production of the field is reported by the National Transit gauges to be 20,500 barrels, which is a drop of 500 barrels from the day before.

J. M. Guffey's No. 3 on the Shane farm, which is located about a mile and a half south west of Willow Grove and half a mile west of the oil No. 1 Meise in the Gordon sand hollow, has been finished up and is doing 100 barrels a day.

The Philadelphia Company's well on the Leech farm, in the northeastern end of the McCurdy field in which a big streak of gas was struck in the fourth sand, has been connected up with the gas lines of the company. A good showing of oil was also found in the fourth sand, where the gas has been flowing over the derrick, but after the indications of oil were found no further drilling was done.

Mechling & Co. are starting a well on the Schirde farm, in the McCurdy field. Boden & Co. have made a location for No. 2 on the Crooks farm south of McDonald. Their No. 1 on this farm was dry.

Harvey & Crawford completed a rig yesterday on the Gregg heirs' farm at Gregg station on the Panhandle, a mile east of Oakdale. They have a 14 acre lease off the farm on which the Forest Oil Company got its big well.

The Lawrence Gas Company is starting a well on the Robert Geary farm, two miles north of Midway in Robinson township, Washington county.

#### Personal.

Phillip Roth, of Buffalo, a member of the Kanawha Oil Company, and one of the pioneer oil men of Allegheny county, was in Pittsburg yesterday. He says he has just completed a well on the old Roth farm, located a mile and a half from the limits of Buffalo, which has a pressure of 670 pounds to the square inch, or over 2,000,000 feet a day. He intends to drill other wells in the same locality, as he has over 6,000 acres under lease.

#### The Gauges.

The production of McDonald was 20,500 yesterday, 500 less than the day before. The hourly gauges of the largest wells at McDonald yesterday were as follows: Greenlee & Forst's No. 2 Noble heirs, 42. The estimated production was 20,500; stock in field, 45,500.

#### Runs and Shipments Wednesday.

The National Transit runs were 28,309; shipments, 8,576. Runs of Southwest Pennsylvania from McDonald, 18,859; outside of McDonald, 7,963; total, 26,822. Buckeye runs of Macksburg oil, 5 831; shipments, 283. Buckeye runs of Lima oil, 57,753; shipments, 42,271. Eureka runs, 14,653; shipments, 1,706. New York transit shipments, 33,059. Southern Pipe Line shipments, 14,835.

The runs of the W. L. Mellon Pipe Lines on Wednesday were 6,736; receipts from other lines, 983; total receipts, 7,720; shipments, 7,975.

The runs of the Tidewater Pipe Line Company on Wednesday were 4,199; total, 86,086; average, 3,146; shipments, 29,370; total, 168,202; average, 8,009.

The runs of the Western & Atlantic Pipe Line Company Wednesday were 3,209; shipments, 3,137.

#### The Oil Market.

NEW YORK, Sept. 22.—Petroleum opened strong, advanced 1 cent, then declined 1⅝c on light business and closed dull. Pennsylvania oil, spot sales none; October option, sales, 15,000 barrels: opening, 55c; highest, 56c; lowest, 54⅝c; closing, 54⅝c. Lima oil, no sales.

Range of the October option: Opening, 55⅛c; highest, 54⅝c; lowest, 53⅝c; closing, 54c bid.

Refined oil—New York, 6.10c; London, 4⅝d; 4 13-16d; Antwerp, 14f.

OIL CITY, Sept. 22.—National transit certificates opened 53⅝c; highest, 54c; lowest, 53⅝c; closed, 54c; sales, 17,000 barrels; clearances, 185,000 barrels; shipments, 90,987 barrels; runs, 82,525 barrels.

#### After American Missions Again.

CONSTANTINOPLE, Sept. 22.—The Porte has revived the question of closing the American mission schools in Turkish dominions unless they are controlled.

## THE NEW PIPE LINE.

**Oil Producers Want to See Oil Pumped Before They Pin Their Faith on the New Venture—No Big Wells Were Reported Yesterday.**

There was considerable talk yesterday among the oil men regarding the new pipe line to the seaboard which is to be known as the United States Pipe Line Company. The names of the officers who were elected at a meeting of the stockholders held in Bradford Wednesday and the probable future of the organization were the general topics of conversation.

It was conceded by the majority that the organization has a business look at present, but until it begins to pipe oil there will be many skeptics among even the friends of the stockholders as to the final outcome of the ventnre.

There have been so many attempts of producers in the past to build seaboard pipe lines, which in every case has failed completely, that even now there are scores of producers who want to see the petroleum going through before they can believe that an independent pipe line can be built.

On August 19, THE DISPATCH published the full details of the new line. One line is to be constructed from the McDonald field to the refineries around Titusville, and from Titusville two lines will be laid to Bradford and from thence through the Northern tier counties to Newberg on the Hudson river. There will be two lines put down side by side. One will be used for the transportation of petroleum, and the other for distillate, which is partially refined oil.

After reaching the seaboard the distillate will be put through a simple process which will convert it into a thoroughly refined oil, and it will then be ready for shipment to any port.

Robert Roy, who is interested in the new line, said that the cost of fuel in the oil regions was so much less than on the seaboard, that they could thus afford to put down the line for distillate and save railroad charges by piping it to the ocean vessels.

#### Reports From the Wells.

There is yet only one well in the McDonald field reported to be making over 20 barrels an hour, and that is Greenlee & Forst's No. 2, on the Noble heirs' property, which is placed at 42 barrels an hour.

The production of the field is reported by the National Transit gauges to be 20,500 barrels, which is a drop of 500 barrels from the day before.

J. M. Guffey's No. 3 on the Shane farm, which is located about a mile and a half south west of Willow Grove and half a mile west of the oil No. 1 Meise in the Gordon sand hollow, has been finished up and is doing 100 barrels a day.

The Philadelphia Company's well on the Leech farm, in the northeastern end of the McCurdy field in which a big streak of gas was struck in the fourth sand, has been connected up with the gas lines of the company. A good showing of oil was also found in the fourth sand, where the gas has been flowing over the derrick, but after the indications of oil were found no further drilling was done.

Mechling & Co. are starting a well on the Schirde farm, in the McCurdy field. Boden & Co. have made a location for No. 2 on the Crooks farm south of McDonald. Their No. 1 on this farm was dry.

Harvey & Crawford completed a rig yesterday on the Gregg heirs' farm at Gregg station on the Panhandle, a mile east of Oakdale. They have a 14 acre lease off the farm on which the Forest Oil Company got its big well.

The Lawrence Gas Company is starting a well on the Robert Geary farm, two miles north of Midway in Robinson township, Washington county.

#### Personal.

Phillip Roth, of Buffalo, a member of the Kanawha Oil Company, and one of the pioneer oil men of Allegheny county, was in Pittsburg yesterday. He says he has just completed a well on the old Roth farm, located a mile and a half from the limits of Buffalo, which has a pressure of 670 pounds to the square inch, or over 2,000,000 feet a day. He intends to drill other wells in the same locality, as he has over 6,000 acres under lease.

#### The Gauges.

The production of McDonald was 20,500 yesterday, 500 less than the day before. The hourly gauges of the largest wells at McDonald yesterday were as follows: Greenlee & Forst's No. 2 Noble heirs, 42. The estimated production was 20,500; stock in field, 45,500.

#### Runs and Shipments Wednesday.

The National Transit runs were 28,309; shipments, 8,576. Runs of Southwest Pennsylvania from McDonald, 18,859; outside of McDonald, 7,963; total, 26,822. Buckeye runs of Macksburg oil, 5 831; shipments, 283. Buckeye runs of Lima oil, 57,753; shipments, 42,271. Eureka runs, 14,653; shipments, 1,706. New York transit shipments, 33,059. Southern Pipe Line shipments, 14,835.

The runs of the W. L. Mellon Pipe Lines on Wednesday were 6,736; receipts from other lines, 983; total receipts, 7,720; shipments, 7,975.

The runs of the Tidewater Pipe Line Company on Wednesday were 4,199; total, 86,086; average, 3,146; shipments, 29,370; total, 168,202; average, 8,009.

The runs of the Western & Atlantic Pipe Line Company Wednesday were 3,209; shipments, 3,137.

#### The Oil Market.

NEW YORK, Sept. 22.—Petroleum opened strong, advanced 1 cent, then declined 1⅝c on light business and closed dull. Pennsylvania oil, spot sales none; October option, sales, 15,000 barrels: opening, 55c; highest, 56c; lowest, 54⅝c; closing, 54⅝c. Lima oil, no sales.

Range of the October option: Opening, 53⅝c; highest, 54⅝c; lowest, 53⅝c; closing, 54c bid.

Refined oil—New York, 6.10c; London, 4⅝d; 4 13-16d; Antwerp, 14f.

OIL CITY, Sept. 22.—National transit certificates opened 53⅝c; highest, 54c; lowest, 53⅝c; closed, 54c; sales, 17,000 barrels; clearances, 185,000 barrels; shipments, 90,987 barrels; runs, 82,525 barrels.

#### After American Missions Again.

CONSTANTINOPLE, Sept. 22.—The Porte has revived the question of closing the American mission schools in Turkish dominions unless they are controlled.

ap29-78-p

Kitchen Extension.

University Extension is good, but Kitchen Extension is better. Wider knowledge of better cooking processes means better health and comfort for everybody. Science can never do us better service than by the multiplication of the cooking schools which make healthful means and methods available for even the most modest home.

COTTOLENE

The vegetable substitute for lard, is science's latest gift to the kitchens of the world. Every woman who has ever cooked a meal, knows that lard is disagreeable in use and unhealthy in its effects.

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In color, Elaine is spring-water white, and its "fire test" is so high as to make it as absolutely safe as any illuminant known.

Having no disagreeable odor, Elaine is a pleasant oil for family use.

Can Be Burned in Any Petroleum Lamp.

A POSITIVE PROTECTION FROM LAMP EXPLOSIONS.

MAKES THE SAFEST AND BEST LIGHT KNOWN.

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RAILROADS.

PITTSBURG AND LAKE ERIE RAILROAD Company. Schedule in effect May 15, 1892. Central time.—DEPART—For Cleveland, *3.00 a. m., 1.55, 4.30, *9.45 p. m. For Cincinnati, Chicago and St. Louis, *1.55, *9.45 p. m. For Buffalo, 5.00 a. m., 4.30, *9.45 p. m. For Salamanca, *3.00 a. m., *1.55, *9.45 p. m. For Youngstown and New Castle, 6.00, *8.00, 11.30 a. m., *1.55, 4.30, *9.45 p. m. For Beaver Falls, 6.00, 7.00, *8.00, 11.30 a.m., *1.55, 4.30, *4.20, 5.20, *9.45 p. m. For Chartiers, *5.30, 8.55, 6.00, *8.45, 7.00, 7.37, *7.00, *8.00, 8.30, *9.10, 11.30 *11.45 a. m., 12.10, 1.00, 2.00, 3.30, 4.05, *4.20, *4.25, *5.10, 5.20, *8.00, *9.45, 10 p. m.

ARRIVE—From Cleveland, *8:30 a. m., *12:30, 5:15, *7:30 p. m. From Cincinnati, Chicago and St. Louis, *8:30 a. m., *12:30, *7:30 p. m. From Buffalo, *5:30 a. m., 12:30, 9:30 p. m. From Salamanca, *8:30, *10:00 a. m., *7:30 p. m. From Youngstown and New Castle, *8:30, §7:22, *10:00 a. m., *12:30, 5:15, *7:30, 9:30 p. m. From Beaver Falls, 5:30 *8:30, 7:22, *10:00 a. m., *12:30, 1:20, 5:15, *7:30, 9:30 p. m. P., C. & Y. trains for Mansfield, 7:37 a. m., 12:10, 4:05 p. m. For Espien and Beechmont, 7:37 a. m., 4:05 p. m.

P., C. & Y. trains from Mansfield, 7:31, 11:50 a. m., 2:57 p. m. From Beechmont, 7:31, 11:50 a. m. P., McK. & Y. R. R. DEPART—For New Haven, *8:30 a. m., *3:00 p. m. For West Newton, *8:30 a. m., *3:00, 5:25 p. m.

ARRIVE—From New Haven, *9:00 a. m., *4:07 p. m. From West Newton, 8:35, *9:00 a. m., *4:07 p. m.

For McKeesport, Elizabeth, Monongahela City and Belle Vernon, *7:40, 11:00 a. m., *4:00 p. m. From Belle Vernon, Monongahela City, Elizabeth and McKeesport, *7:40 a. m., 17:55, *5:05 p. m. *Daily. †Sundays only. ‡To and from New Castle only.

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WHITE STAR LINE.

For Queenstown and Liverpool.
Royal and United States Mail Steamers.

Germanic, Sept. 28, 10:30 a m
*Teutonic, Oct. 5, 4 p m
Britannic, Oct. 12, 10:30 a. m.
*Majestic, Oct. 19, 3 p m

Germanic, Oct. 26, 9 a.m.
*Teutonic, Nov. 2, 2 p m
Britannic, Nov. 9, 9:30 a m
*Majestic, Nov. 16, 2 p m

From White Star dock, foot of West Tenth street, New York.

*Second cabin on these steamers. Saloon rates, $60 and upwards. Excursion tickets on favorable terms. Second cabin, $40 and $45. Steerage from or to the old country, $20.

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