

GUSHERS OF RUSSIA.

All the Oil Wells in the Baku Territory are Very Large Ones.

PUMPERS, NOT FLOWERS, THE RULE

Usually Big Money in the Industry There, but Not Last Winter.

ABOUT AS MANY REFINERIES AS HOLES

[SPECIAL TELEGRAM TO THE DISPATCH.]

NEW YORK, May 29.—I have been able to keep the readers of THE DISPATCH pretty accurately advised regarding the condition of the Russian oil fields, through a correspondent I have at Baku. His information has always been trustworthy, and his judgment regarding future work in the field has been confirmed by developments on several occasions. As an instance, THE DISPATCH readers were told that there was much bonanza territory yet to be opened in Russia, and it was less than a month afterward that the monster well was struck which started to flow at the rate of 40,000 barrels a day.

The fact is, that a man who has gone through the American fields as a prospector and driller of wells is a good deal of an oil seer in Russia. My correspondent writes that he has found it much easier to find a well in the American fields than in the Russian territory. A very little experience there in drilling wells was sufficient to enable him to locate a good well with much more certainty than in this respect, he says, the Russian territory is much like Bradford.

Russia's Champion Big Gusher.

The opening of the big gusher, although it declined with the usual rapidity, has greatly stimulated developments, and the prospects are that the coming summer will witness unusual activity in the field. The production is now averaging higher than a month than it ever did before. At present the yield has declined from a month previous, when it had reached 125,000 barrels a day. This was the largest production the field ever reached, and was due to the striking of a few unusually large wells, the 40,000-barrel well among them. The production is now under 35,000 barrels a day, and has averaged about 30,000 for some time.

Operations were restricted as much as possible after the Volga closed in October, and yet this large production was maintained. The railroad running to Batoum was taxed to carry the crude and refined, and although additional carrying facilities were put on the road, yet there was a large accumulation of stocks at the wells. Some of these were shut down on account of a lack of storage.

All Baku Wells Are Big Ones.

The large output of the Russian field is not from the big gushers which the public hears of, but from the pumping wells. These gushers are few and far between, and most of them blow out entirely; but the pumping wells are stayers; a Bradford well not having much advantage over them in this respect. The manner in which a Russian well is pumped is very different from steady business is one of the things that astonish the American operator.

Another important difference between the Russian and American fields is that there are no small wells in Russia. The average at this time is above 300 barrels to the well each day, and it has been higher. There is so strong a tendency toward the big production and Bradford, with its half-barrel and one-barrel wells. Even Venango, Clinton and Butler are hardly in it.

The past winter has had one more for Russia. A little too much activity with the drill, and a few big wells coming in as navigation closed, sent prices down to a lower point than they had touched in some time.

Low Prices for Last Winter.

Some sales were frequently made as low as 30 cents a barrel, but the lowest quotation was 12 cents a barrel. This low price was also in part due to general hard times among the producers, and to themselves unable to pay more. A few of them had loaded up during the summer with high-priced oil and had all the contracts they could take care of. The price of the crude made had not lasted long, and the price has since appreciated, although there is still much complaint among the producers.

With the exception of its period during the winter, Russian oil has not been much of a drug on the market for some time. Russian oil has sold as high as 50 cents a barrel, so the general opinion of the market is that this would be a very desirable possession. This may be said to be the maximum figure. The average for the year is considerably below this price, and there is no reason to expect that the producers will make money. A few of the wells are over 300 feet deep, and if a well proves to be a reliable pumper, as most of them do, the general opinion is that it is not a very considerable item.

The Territory May Be Enlarged.

It is expected that the Government will concede some additional lands to the producers for oil purposes. The oil has been there for years, and it is believed that the general trend of developments has indicated their productivity. Even with all these lands the new Russian field, as at present outlined, is quite sufficient, in the opinion of the American operators, to supply the production up to 50,000 barrels a day for a long time to come. The opening of new territory, if it comes up to expectations, will be a relief to the producers, and there is no reason to expect that the one-half more. In no event is there likely to be any scarcity in Russia in the home-brewed article of petroleum for some years. There is more probability of a failure of petroleum in America than there is in Russia, and there is no great alarm at that score here.

The present production of the Baku wells, which is about equal to the production in America, not including Ohio, comes from less than 250 wells. During May last the production averaged over 30,000 barrels a day from 215 to 220 in all. In the same space of 240 wells. To get the same quantity of oil in America we have 100 times as many wells.

As Many Refineries as Wells.

Another peculiarity of the Russian petroleum industry is that there are almost as many refineries as wells. In the Baku alone there are about 150 refineries, all of them pretty good establishments, and altogether there are something over 200, probably from 215 to 220 in all. In the same space of the refineries at Baku, owned by the Mobils and Rothschilds, are enormous establishments, approaching in magnitude and completeness the largest and best equipped refineries of the Standard Oil Company in this country. The refining business is carried on in a separate district of Baku, which is called the Black Sea, and is from the space of the 150 refineries. It is an exceedingly busy quarter, and is quite as interesting to the visitor as the producing field.

The re-creating of the system, as maintained by the different refineries, is most complete, but even with it insurance rates are very high. Some of the companies do not insure their property at all, preferring to carry their own risks rather than pay the insurance rates. R. W. CRISWELL.

SEVERAL BIG WELLS.

THE BELL FARM WELL AT MCCURDY IS THE CENTER OF INTEREST.

It is Reported as Doing Eighty Barrels an Hour—The Whitehall Farm in the Northeast at Wildwood Produces a Big Well—Greene County Wells.

The reports from the fields yesterday

THE NEWS OF MEXICO.

A Valuable Concession for a Tunnel for the Pachuca Silver Mines.

SENSATION CAUSED BY A BOOK.

An Author Throws a Bombshell into the American Colony.

DOINGS OF THE SISTER REPUBLIC

MEXICO CITY, May 29.—A cable has been received here announcing that the concessionaire on the Pachuca tunnel, of Pachuca, has made arrangements with a powerful syndicate to take over the concession and prosecute the work to completion at an early date. The work consists of a main drainage tunnel 12 miles long, which will drain the whole of the mining district of Pachuca and del Monte to a greater depth than any mine here yet attained. The same tunnel will cross-cut all the principal veins of the district. There are in addition other adventures and drainage tunnels at higher levels surveyed and commenced which will materially help in the development of the district, which has been producing fabulous amounts of silver for over three centuries and are among the most important of the Pachuca group. The concessionaire has turned out monthly. The total length of all tunnels is over 30 miles and will cost over \$50,000,000 to complete, and will be the most important work in mining in the world.

Besides cutting and draining the great mines that are now large bullion producers, the tunnels will cross-cut many bodies which are expected to yield large revenues to the syndicate. The syndicate is mainly English. It will have a number of Mexican and several American shareholders, one of which is Mr. Marshall, of St. Louis, who has been promoting the scheme for the past two years.

A Book Causes a Sensation. Advance copies of T. P. Conroy's book, entitled "In the Clutches of the Mafia; or, Tebeuro, a Tale of New York and Mexico," has created a profound sensation here, which has been intensified by the contents of an afternoon paper which has commented that the characters of the book, though masqueraded under fictitious titles, have their living representatives in the American colony of this city. Conroy was the United States Secretary of Legation here for a time, and has carefully studied the Mafia, and he has judiciously assailed the Americans, and in the words of the afternoon paper, will have a Pullman car full of colonists on their way to Tebeuro to hunt him up for having written them in so free a manner. This new novel will have an enormous sale here. Owing to a threatened strike of the miners of the Concepcion mine at Catorce, the Governor of San Luis Potosi has sent a special train to protect the property.

Telegraphic news has been received from Guatemala that the Mexican residents there are contending with the Guatemalans. The details are yet meager, and on what ground they base their complaints is not to be learned.

The Legislature of the State of Vera Cruz has rejected its Constitution so that Governor can be re-elected and succeed himself a number of times.

The old Granaditas castle of Guanajuato, where the Spaniards had a Spanish garrison during the War of Independence, one of the bloodiest events in the history of Mexico, had a narrow escape from being destroyed by fire which started in adjoining buildings. On blowing up a part of the reduction works saved the castle.

Ignacio Mariscal, Secretary of the Foreign Relations Office, has issued a circular advising the holders of Mexican passports to get their passports before leaving this Republic. This recommendation was issued at the instance of President Diaz, to avoid any possible difficulties that might arise from citizens of this country and depending upon the Mexican Legation to furnish their passports.

Herman Quest, traveling for Holke & Co., merchants having houses in several cities of the Republic, was assaulted by highwaymen in the India district, State of Durango, and a pitched battle was fought. He and his servant stood off the robbers, but their clothing was burnt and their assailants are supposed to be the remnants of Eracilo Bernal's gang, who were nearly exterminated three years ago in the State of Durango.

A French syndicate of banks, represented here by Clemente Petit, has just purchased the mines of Huelmo and is paying for the same a large sum. The principal owner in these mines is Manuel Romero Public, Secretary of the Interior, who it is stated, has a large interest in the new company. The work of development will be commenced at once, and large reduction works will be erected.

Owing to continued drought in the State of Oaxaca the prices of the actual necessities of life have increased in an alarming manner. Showers have fallen in the past two days, and a general crop of wheat, corn and beans is assured.

The Caidan Valley Railroad, in which it is declared the Seligman of New York are heavy stockholders, have received valuable concessions from the Government for the extension of its steam lines in the valley and street surface lines in this city within the past week, and have commenced the work of construction on the San Angelo and Talpan road and will soon build the road from here to Guadalupe. The system has been a paying one since it was first opened, and the Government is now paying for the street car company, which has enjoyed a practical monopoly for years, and has been paying 18 per cent dividends yearly.

Preliminaries of postal treaties between Mexico and other nations are in progress. The treaties with Germany and France have been definitely settled by the plenipotentiaries and forwarded to the Governments of those countries. The treaty with the United States is being approved for the approval of Congress. The preliminaries are about the same as those of other treaties of the King relative to postal matters and the same with Mexico and the United States and with England.

The largest spectroscopes in the world will be open all day and all night, and will be seen there with his camera and will report John A. Brashear's work in THE DISPATCH to-morrow. A wonderful story.

INFORMATION FOR ALL. What Effect Memorial Day Will Have on the Postoffice Delivery System. The following circular was issued to the employes of the Pittsburgh postoffice yesterday by Postmaster McKean:

PITTSBURG, Pa., May 29. MEMORIAL DAY. The following routine of business will be observed on Saturday, May 30, 1901, viz: Money order and registry divisions will be closed all day. The postoffice will be open at 10 o'clock noon, after which stamps and envelopes will be sold at the general delivery window.

General delivery window at main office will be open all day and all night, and stations from 7 A. M. until 10 o'clock noon, and from 7 P. M. to 10 P. M.

All mail will be received and dispatched as usual. Carriers' window will remain open until 10 o'clock noon, after which stamps and envelopes will be sold at the general delivery window.

Carriers at stations will make one delivery in the morning. JAMES S. MCKEAN, Postmaster.

THE RESERVING GEORGE HODGES writes for THE DISPATCH to-morrow a sermon dealing with the recent outbreaks of alleged "Catholics" and honest heretics are to be welcomed.

POSTAL Telegraph Co. have adopted the "Catholics" to the exclusion of all others.

THE GAME OF DRAUGHTS.

CONDUCTED BY J. R. FERGUSON.

REFERENCE BOARD. 1 to 12; white men squares 13 to 24; black men squares 25 to 36. Ways move first.

Checker Headquarters—Home Hotel, Duquesne way, between Eighth and Ninth streets, and at Samuel Scott's, 95 Seventh avenue.

TO CORRESPONDENTS. Position, Problems, Games and Checker News will all be received. All communications to be addressed to J. R. Ferguson, 95 Seventh avenue, Pittsburgh, Pa.

PROBLEM NO. 60. (From Pierce Gambit, Chess Papers and Problems.) BY JAMES FERBER. Black: 4 pieces.

White: 8 pieces. White mates in two moves.

END GAME NO. 28. (From Schach-Jahrbuch.) Black.

White: 21, 26, king, 11. Black to move and win.

The above position arises out of our Prize Problem No. 1. After the ninth move, the correct reply is 10. P-K4, which is the correct solution, by Charles Hepper, Chicago.

White mates in three moves.

SOLUTIONS. Problem No. 51.—A. F. Rockwell—Q to R7. Problem No. 52.—G. Heathcote—B to K5. Problem No. 53.—A. F. Rockwell—Q to R7. Problem No. 54.—G. Heathcote—B to K5.

STEINLEIGH-TSCHIGORIN MATCH. (From the New York Tribune.) [VIII.—Two Knights' Defense.]

White—Steinitz. 1. P-K4, 2. P-K3, 3. N-K3, 4. N-K4, 5. P-K3, 6. P-K4, 7. P-K3, 8. P-K4, 9. P-K3, 10. P-K4, 11. P-K3, 12. P-K4, 13. P-K3, 14. P-K4, 15. P-K3, 16. P-K4, 17. P-K3, 18. P-K4, 19. P-K3, 20. P-K4, 21. P-K3, 22. P-K4, 23. P-K3, 24. P-K4, 25. P-K3, 26. P-K4, 27. P-K3, 28. P-K4, 29. P-K3, 30. P-K4, 31. P-K3, 32. P-K4, 33. P-K3, 34. P-K4, 35. P-K3, 36. P-K4, 37. P-K3, 38. P-K4, 39. P-K3, 40. P-K4, 41. P-K3, 42. P-K4, 43. P-K3, 44. P-K4, 45. P-K3, 46. P-K4, 47. P-K3, 48. P-K4, 49. P-K3, 50. P-K4, 51. P-K3, 52. P-K4, 53. P-K3, 54. P-K4, 55. P-K3, 56. P-K4, 57. P-K3, 58. P-K4, 59. P-K3, 60. P-K4, 61. P-K3, 62. P-K4, 63. P-K3, 64. P-K4, 65. P-K3, 66. P-K4, 67. P-K3, 68. P-K4, 69. P-K3, 70. P-K4, 71. P-K3, 72. P-K4, 73. P-K3, 74. P-K4, 75. P-K3, 76. P-K4, 77. P-K3, 78. P-K4, 79. P-K3, 80. P-K4, 81. P-K3, 82. P-K4, 83. P-K3, 84. P-K4, 85. P-K3, 86. P-K4, 87. P-K3, 88. P-K4, 89. P-K3, 90. P-K4, 91. P-K3, 92. P-K4, 93. P-K3, 94. P-K4, 95. P-K3, 96. P-K4, 97. P-K3, 98. P-K4, 99. 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