

One-year achievements of Iran's largest oil producer

National Iranian South Oilfields Company's oil production target came true by 100%



National Iranian South Oilfields Company (NISOC) materialized its target of oil production by over 100 percent in the last Iranian calendar year (which ended on March 20), according to the company's managing director.

While elaborating on the performance and achievements of National Iranian South Oilfields Company, Eng. Bijan Alipour said that not only was production drop in the wells compensated by 282,000 barrels per day (bpd) in the last Iranian year, but the production base rose at the yearend.

The production base was 2.939 million bpd in the beginning of last calendar year (March 21, 2014), the official said, adding that the figure has reached 2.965 million bpd.

This increase will also lead to boosting production capability in the last month of the current year, he highlighted.

National Iranian South Oilfields Company accounts for about 83 percent of oil production and 16 percent of gas production in the country, the official said, adding that the company supplies feed to all petrochemical units in Khuzestan Province and most of refineries of the country.

The managing director of National Iranian South Oilfields Company went on to say that through materializing

its macro objectives and plans, which are sustainable production from hydrocarbon resources, preserving quality of the produced crude oil, integrated management of the hydrocarbon resources and taking effective measures in preventing from environmental pollution, this company plays unique role in oil and gas exploitation and production for domestic use and exports.

Completing 3-dimensional seismic imaging project in 3 oil fields

Elsewhere in his remarks, the official said that the operation of 3-dimensional seismic imaging was completed in Ramin, Lali and Karoun Fields in the last year by the geological department of this company.

Alipour added that 3-dimensional seismic imaging was conducted in 877 square meters area in Ahwaz, Bavi and Shoushtar counties and the results will be used for making decision in drilling development wells for boosting sustainable production from this field and also recognizing new oil potentialities.

He went on to say that the operation of 3-dimensional seismic imaging was also conducted during this time in Lali and Karoun Fields and Haft Shahidan Exploration Field and the regions among them in an area of about 1000 square kilometers.

The official further noted that some important seismic imaging projects are also underway by the company in some significant fields such as Bibi Hakimeh, Ahwaz, Mansour-Abad, Mansouri and Koupal.

Bibi Hakimeh seismic imaging project is one of the important projects of the company with about 90 percent progress. This project is underway in four provinces of Fars, Boushehr, Kohgiluyeh-Boyerahmad

and Khuzestan.

Drilling and completing 60 new development and exploratory wells

Elsewhere in his remarks, the managing director of National Iranian South Oilfields Company referred to drilling development and exploratory wells as well as workover and well servicing as some activities to preserve oil production.

The company drilled 60 new development and exploratory wells in the last year and the performance efficiency of development wells came true by 94 percent.

Alipour went on to say that workover service was conducted on 84 wells and the performance came true by 104 percent in this due in the mentioned period of time.

He referred to drilling over 39143 meters of development wells and conducting workover services as the other activity of the company in the last year.

Starting drilling of 40 oil wells in South Azadegan Field

He said that one of the prioritized plans of the Oil Ministry is development of the joint fields specially Azadegan Field, adding that National Iranian South Oilfields Company has started drilling 40 oil wells with 2 drilling machines since the last year.

Given that Azadegan is the most important joint field of Iran, NISOC will take every endeavor to conduct drilling program of the wells according to the schedule in order to preserve the country's resources, the official stated.

The mentioned 40 wells will be drilled within 2 years if required products are supplied on time, Alipour said, adding that in terms of drilling these wells, National Iranian

South Oilfields Company is in charge of conducting operations from engineering and geology, designing and drilling to installing the wellhead and reaching the production stage.

Launching production preserving and logistic projects

Elaborating on the main production preserving and logistic projects in the last Iranian year, the official said National Iranian South Oilfields Company launches and completes tens of oil and gas; road and construction as well as logistic

managing director of National Iranian South Oilfields Company referred to signing 6 research projects for boosting production in oil fields through cooperation with scientific and research centers.

He said based on the agreement signed between the oil minister and the minister of sciences, research and technology for cooperation of the country's universities and research centers in conducting the research projects related to development of the fields, National Iranian Oil Company selected 9

Manufacturing 5600 oil parts and equipments

The official further referred to the company's strategic plan in development of domestic production and said National Iranian South Oilfields is in charge of manufacturing 5600 oil parts and equipments, of them some 2500 parts have been already manufactured and delivered by domestic manufacturers.

These parts are being manufactured for the first time in the country, he said, adding that several contracts for



projects every year.

Alipour referred to some noticeable industrial projects of the company as launching and developing desalination project of Lab Sefid, completing Asmari 26-inch oil transferring pipeline from exploitation No. 12 of Ahwaz to North Bahman-Shir and purchasing and installing thermal furnaces for desalinating units of Ahwaz 2 and 4.

Conducting 6 research plans on boosting production in oil fields through cooperation with scientific and research centers

Elsewhere in his remarks, the

oil fields in the first phase and introduced them to the universities. Of the 9 mentioned fields, 6 fields are located in the area of NISOC's activity.

Alipour named the fields as Gachsaran, Koupal, Mansouri, Koranj and Bibi Hakimeh and said that their exploitation will be conducted through cooperation with Research Institute of Petroleum Industry, Petroleum University of Technology, Sharif University of Technology, Shiraz University, Islamic Azad University and the Institute for Enhanced Oil Recovery, respectively.



manufacturing strategic equipment worth over 10 trillion rials were signed with domestic manufacturers in the last year.

Elsewhere in his remarks, the managing director of National Iranian South Oilfields Company referred to compiling a 5-year plan for indigenizing equipments required in the south oilfields as one of the company's measures in the field of indigenizing such products.

Based on this plan, the most important parts and equipments such as turbines, compressors and pumps will be indigenized based on their priority.

Iranian Oil Pipelines and Telecommunications Company's Managing Director:

Oil Pipeline Network to Be Extended to 18,000 Kilometers



Iran plans to extend its crude oil and oil products pipeline network to 18,000 kilometers by Iranian calendar year 1400 (March 2021-March 2022), Iranian Oil Pipelines and Telecommunications Company (IOPTC) Managing Director Abbas-Ali Ja'farinasab said.

Speaking at a press conference prior to the 20th International Oil, Gas, Refining, and Petrochemical Exhibition, he said that the length of Iran's crude oil and oil products pipeline network stands at 14,000 kilometers at present.

Of the figure, 4,500 kilometers is the length of crude oil pipeline network and 9,500 kilometers is the length of oil products network, he added.

A major portion of the extension will be carried out over the next three years, he noted.

The extension of crude oil and oil

products network is one of the plans which are being implemented by the company, he said, adding that to this end some 3050 kilometers of pipelines will be constructed by the next three years.

He referred to the Abadan-Shazand-Rey, the Sabzab-Rey, the Naeen-Kashan-Rey, the Bandarabbas-Sirjan-Rafsanjan, the Rafsanjan-Yazd-Naeen, the Tabriz-KHoy-Orumieh, the Rey-Sari, and the Tehran sideline routes as the main development projects.

He also said that there are 14,000 kilometers of pipelines are currently in operation across the country, transferring a total of 350 million liters of crude oil and oil products per day.

Connecting two power plants to oil products pipeline network

The Managing Director of the Iranian Oil Pipelines and Telecommunications Company (IOPTC) said that two power plants will be connected to the oil products pipeline network by the end of the current year. The Zanjan power plant, which will be constructed by the next two months, and the Aliabad power plant in Tehran will be connected to the oil products pipeline network by the end of the current year, he said.

Considering the rise in gas consumption and also prevention from burning oil products in power plants, building pipelines to transfer oil products to power plants, as an alternative fuel, is more favorable due to its higher security and economic justification, he noted.

Last year, 55 billion ton-kilometer of crude oil and oil products were transferred via the pipeline network, a 3.8 percent fall year on year, he said, adding that 67 percent of oil products and 70 percent of crude oil is transferred via the pipeline

network, costing around one third of other methods (sea, rail, and road).

According to him, the decline in the previous year compared to two years ago was due to a reduction in sending liquid fuel to power plants as a result of increasing the supply of gas.

Transferring via pipeline is of high importance due to its independency to climate, its lower costs, and higher security and stability, he said.

The Managing Director of the Iranian Oil Pipelines and Telecommunications Company said that activities of the company are divided into the two sections of maintaining the existing capacities and implementing development projects, such as building pipelines and dispatching centers.

3500km of intelligent pipeline pigging by yearend

The Managing Director of the Iranian Oil Pipelines and Telecommunications Company said that the monitoring of crude oil and oil products pipeline network is being constantly implemented through the intelligent pigging operation. Currently, intelligent pigging operations are being implemented across 3500 kilometers of pipelines. To date, pigging operations have been implemented across 12000 kilometers of pipelines. Pigging operations have been implemented at some sections of the network due to their higher importance. Pigging operations started in 2004. The second phase started in 2006, and the third phase started last year, he added.

Some 88% of maintenance parts are domestically manufactured

Some 88 percent of maintenance parts are domestically manufactured, he said,



adding that contracts, worth \$10 million, have been signed with Iranian companies for manufacturing four gas turbines. Gas turbines, which are the completed version of airplane turbines, are among the most important equipment which will be produced by Iranian companies.

Ja'farinasab said that 1000 billion rials has been invested to boost the domestic production. Sanctions have made us take steps to be more reliant on our capabilities, he noted. The Managing Director of the Iranian Oil Pipelines and Telecommunications Company said that the establishment of cmms system, the replacement of 358 kilometers of pipelines, the implementation of plc system, the provision of fuel to Semnan and Shahrud power plants, and the supply of euro-4 diesel fuel to Mashhad were other activities of the company.

Importance of observing limits of pipelines

Ja'farinasab emphasized the need for observing limits of the oil pipeline network across the country, saying that the land required for establishing pipelines was not purchased based on the Constitution before the Islamic revolution, but after the revolution operational lands were purchased.

The route for laying pipelines is defined so that it will be beyond 25 years, he said, adding that with the expansion of cities,

many of the pipelines have been placed within the limits of cities and have caused many problems.

The operational limits of the pipelines which were purchased after the Islamic revolution are not sufficient and more attention should be paid to the pipelines limits due to their security and financial reasons.

Cooperation between telecoms and national data network

The telecommunications director of the Iranian Oil Pipelines and Telecommunications Company, for his part, said that the Iranian industry's telecommunication network is the largest of its kind in the Middle East and enjoys a high reliability rate. Mohammad Ali Pishahang added that designing equipment for oil industry's telecommunications is different from general purpose telecommunication equipment. Anti-explosion devices are used in oil industry's telecommunications which gives it distinctive features that can provide services to other sectors.

According to him, the telecommunications ministry and the oil ministry are cooperating to establish the national data network. The company is one of the policy making members of the data network committee, he noted.