

CLASSIFICATION **SECRET** **SECRET**
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY	USSR
SUBJECT	Economic - Petroleum and shale
HOW PUBLISHED	Daily newspapers
WHERE PUBLISHED	USSR
DATE PUBLISHED	9 Dec 1949 - 3 Jan 1950
LANGUAGE	Russian

DATE OF INFORMATION 1949 - 1950

DATE DIST. *21* Mar 1950

NO. OF PAGES 3

SUPPLEMENT TO
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50 U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

PETROLEUM INDUSTRY COMPLETES 1949 PLAN;
DEEP-WELL PUMPS CRITICIZED

1949 OUTPUT UP 14.3 PERCENT -- Krasnaya Zvezda, No 306, 28 Dec 49

By 27 December, the Ministry of Petroleum Industry had fulfilled the 1949 plan for petroleum extraction, and for the production of gasoline, ligroine, kerosene, lubricating oil, aviation oil, and petroleum bitumen. Petroleum output for 1949 exceeded that for 1948 by 14.3 percent, including gasoline, 9.1 percent; kerosene, 16.8 percent; and Diesel fuel, 31.1 percent.

SPEED IN DRILLING WELLS INCREASES -- Pravda, No 363, 29 Dec 49

An article by N. Baybakov, Ministry of Petroleum Industry USSR, gives the following facts on improved technology in the industry and plans for future development.

Drilling speeds have been increased considerably by the introduction of the turbine methods. In Tuymazy and Krasnokamsk, for instance, where the rock encountered is very hard, average drilling speeds during the past 2 years have been increased 100 percent. A percent achievement of domestic technology has been the method of drilling slanting shafts, which solves the difficult problem of utilizing the highly-productive residual pools lying under structures, rivers, and the bottom of the sea.

The petroleum industry has been completely freed from dependence upon imported equipment.

ACHIEVE DRILLING RECORD -- Bakinskiy Rabochiy, No 2, 3 Jan 50

A new all-Union record was set when well No 499 of the "Puzovynest" Trust was drilled to a depth of 1,906 meters at an average speed, including stops, of 4,341.3 meters per machine-mouth. Drilling was begun on the well 19 December and completed in 316 hours, 60 percent less than the norm. The drilling was done with the usual equipment.

- 1 -

SECRET

CLASSIFICATION

SECRET

[illegible]

SECRET

50X1-HUM

Up to a depth of 790 meters the rotor revolved at a speed of 518 revolutions. Two pumps worked simultaneously. Two branch pipes were attached to the ShV-14 swivel to permit more intensive rinsing of the shaft. From a depth of 790 meters to a depth of 1,537 meters the drilling was done at a second speed of 296 revolutions. Only 14 bits, half of the planned number were used during the entire drilling. Average machine speed was 16.8 meters per hour.

FAULTY PUMPS IMPEDE PETROLEUM PRODUCTION -- Bakinskiy Rabochiy, No 2, 3 Jan 50

The operational period between repairs at the "Leninft" Trust, in which 97 percent of the petroleum is extracted by mechanized methods, depends largely on the quality of the deep-well pumps. However, the deep-well pumps delivered by the Plant imeni Dzerzhinskiy, particularly the 76-millimeter and 95-millimeter ones, are often unsatisfactory. The number of cases of repeated repair in the fields increases monthly because of the low quality of these pumps.

Only recently, 14 deep-well pumps in the 11th field operated an average of not more than one hour. This caused a loss of 70 tons of petroleum. In the tenth field 14 pumps worked not more than 24 hours, causing losses of 80 tons. In the 12th field seven pumps worked 30-50 minutes, causing losses of 30 tons of petroleum. No day goes by without a complaint from some field of the trust about the poor quality of the deep-well pumps.

Not long ago it was determined that of the deep-well pumps going into service in one month, 170 worked up to 5 days, 105 worked up to 10 days, 110 worked up to 15 days, 281 worked up to 30 days, 280 worked up to 60 days, and 196 worked more than two months. The pumps are guaranteed by the plant for 60-65 days.

The most frequent cause of the pumps' getting out of order is the uneven chrome plating of the plunger. During the first minutes of operation the chrome is worn away, the plunger is scratched, and the pump is put out of order.

In the plant insufficient attention is given to the determination of the class of the pumps. Third-class pumps are marked first-class, etc. The matter has reached a point where the heads of the 7th, 11th, and 12th fields of the trust are forced to go themselves to the plant and choose pumps of the right class and quality.

PLANTS WORK EFFICIENTLY -- Bakinskiy Rabochiy, No 240, 9 Dec 49

Workers, engineers, technicians, and employees of the Order of Lenin Plant imeni Leyt. Shmidt completed in 3 years the postwar Five-Year Plan for the level of production. In 11 months of 1949 they fulfilled the commodity production plan 107.5 percent and the gross-production plan 107.7 percent. The 1949 year plan was completed by 5 December.

Considerable work was done during 1949 on modernizing equipment issued by the plant and on the output of new types of machinery. During the past 11 months of 1949 petroleum workers have received equipment of new and better design: Sh-8 rotors, ShV-14 swivels, winches of the Godzhayev type, and others.

The plant constructed and set up a mobile electric power plant in one of the kolkhozes subordinate to Karyaginskiy Rayon.

- 2 -

SECRET

SECRET

SECRET

SECRET

50X1-HUM

The Machine-Building Plant imeni Stalin is one of the outstanding enterprises of the "Azneftemash" Association. This plant completed the postwar Five-Year Plan in October 1948 and is now producing at twice the rate planned for 1950.

SHALE COMBINE COMPLETES 1949 PLAN -- Sovetskaya Estoniya, No 1, 1 Jan 50

Ye. M. Kashevarov, Chief of "Estonslanets" Combine, has stated that mines of the combine completed the 1949 plan by 29 December and mined 11.8 percent more shale than in 1948. New apartments were added in the shale-mine towns of Akhtme, Yykhvi, Somp, Kiviyl, and Kokhtla-Yarve in the center of the shale basin.

- E N D -

- 3 -

SECRET

SECRET