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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY USSR

DATE DISTR. 2 Jan 1951

SUBJECT Kuban, Terek and Naphtalan Oil and Gas Fields

NO. OF PAGES 1

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PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE ACQUIRED B

SUPPLEMENT TO REPORT NO.

DATE OF IN

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Available on loan from the CIA Library are maps and descriptive comments on the Kuban, Terek and Naphtalan oil fields which correct and amplify those maps and descriptions published in the World Oil Atlas, Vol VII, for 1949. These maps show the correct locations of oil and gas fields, of pipe-lines and of rail transportation in the oil areas. The comments give correct descriptions of the fields.

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Kuban, Terek, Naphtalan - Oil Fields.

The Maps

from „World Oil", VII. 49.
with critical remarks.

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3) Many oil-fields of Kuban area are shown on the map incorrectly as in respect of the position,as well as in regard of their names. I tried to represent the picture in the more correct form,but I was not satisfied with this work ,because the basic map itself is not made satisfactory enough, for even the main points are situated irregularly in respect to the system of coordinates net,as town Krasnodar and v. Krymskaia.

O i l p i p e- l i n e s

There are not shown on this map :

a) The pipe line between Kesslerowo-Kudako oil fields and Krymskaia railway-station.

b) The pipe-line between Kaluzhskaia oil-field and Afipskaia railway-station.

c) Between Ilsk -oil field and Ilskaia railway-station.

d) The geographical situation of the oil-fields S e p s i l, A b u z y, K u r a- T s i t s e and others are shown wrong. Owing to this circumstance(the inexactness) the position of oil-pipe lines is represented by a wrong way too.

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In the LIST of OIL-FIELDS on the NORTH-CAUCASUS there exist a number of inexactness and errors (see p. 209).

So in enumerations of oil-fields of Kuban District (Kuban-Maikop Area) is shown I) the appellation " O l s k ".

With a great difficulty it was possible to guess that the question is about ILSKAYA OIL-FIELD.

As producing formation is mentioned Oligocene, but really it is Middle Miocene - Oligocene.

2) Kesslerovo-Varenikovo" is united in one field, but in reality that are two quite different areas - Kesslerovo and Varenikovo, which are located one from another at a distance of 20 kilometers.

3) " Shiraky". There is not such a name in Kuban District..
Is only the name of oil-field " S h i r o k a y a B a l k a " that is absent in the list of oil -fields in Journal "World Oil".
Oil-field under the name S h i r a k y exist in Georgia Area, but not on the North-Caucasus.

4) There is entirely omitted the Oil-Field K a b a r d i n s k o y e or Lukardinka, an oil-field located between Asphalt-Gora and Khadyzhi. (In our maps is marked out by the letter "K".)

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In TEREK DISTRICT (G R O S N Y FIELDS)

1) Is shown wrong the T y p e of S t r u c t u r e for the Oil - Field B A K O V I C H I - " A n t i c l i n e " In reality it is " O v e r t h r u s t F o l d ".

2) The Oil - Field A L I - Y U R T is shown as " O v e r - t h r u s t F o l d ".
In reality it is an " A n t i c l i n e - D o m e ".

3) The Oil- Field M A L G O B E K is shown as " A n t i c l i n e F o l d ".
In reality it is an " O v e r t h r u s t F o l d ".

4) The Oil- Field V O Z N E S S E N K A is shown as " A n t i- c l i n a l F o l d ".
In reality it is an " O v e r t h r u s t e d F o l d ", and so forth ...

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On this LIST are enumerated the Main Oil and Gas -Fields in the KUBAN -AREA and EAST part of KERTCH PENINSULA, that are shown on the MAP " CRIMEA-MAICOP Area", with indication of age of the producing formation and type structure in revised and completed form.

The depth is not shown, because it is the task that would demand rather a long time for fulfilment, and from the other side it is not clear to me what a depth is mentioned in "World Oil"

1) Is it the depth of producing formation below the surface, as could be understood from the title?:

Producing Formation ; Age / Depth (Feet) / Type Structure

(See page 209 World Oil v. I29, N 4, 49

or 2) Is it the real depth of drilled wells ?

----- * ----

There is a difference between these two conceptions in depth, because some of the wells were not deepened till the producing formation, the others were over-deepened.

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C R I M E A - M A I C O P AREA (KERTCH-KUBAN A r e a

Field		Age	Type Structur
ABUSY	Oil-Field	Oligocene	Monocline
ADAGHUM	Oil-Field	Middle Miocene	Anticline
APSHERONSKAIA (MAICOP)	O-F	Oligocene	Monocline
ASPHALT GORA	Oil- Field	Oligocene	Monocline
BORZOVKA	Gas - Fiel	Middle Miocene	Anticlinal Dome
CHONGELEK	Oil-Field	Middle Miocene	Diapir Fold
GORIATCHI KLIUTCH	Oil-F.	Oligocene	Monocline
ILSKAIA	Oil-Field	Miocene-Oligocene	Monocline
KABARDINKA	Oil-Field	Oligocene	Monocline
KALUZHSKAIA	Oil-Field	Middle Miocene	Monocline
KESSLEROVO	Oil-Field	Upper & Mid. Miocene	Diapir Fold
KHADYZHENSKAIA	Oil-Field	Oligocene	Monocline
KUDAKO(KRYMSK-KUDAKO)	O-F.	Middle Miocene	Diapir Fold
KURA TSITSE	Oil-Field	Oligocene	Monocline
KUTAISSKAIA	Oil-Field	Oligocene	Monocline
SEPSIL	Oil-Field	Oligocene	Monocline
SHYROKAIA BALKA	Oil-Field	Oligocene	Monocline
SUVOROVSKO-CHERKESSKOJE	O.F.	Pliocene & Miocene	Anticlinal Fold
TEMRIUK	G a s F.	Pliocene	Diapir Fold
VARENIKOVO	Oil-Field	Middle Miocene	2 Anticlines

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On this MAP under the title "CRIMEA-MAICOP OIL-FIELDS" is shown the location of main o i l and g a s f i e l d s of this territory in the more correct form, than it was made on the "World Oil" original map.

As well are revised and completed the OIL-PIPE-LINES and RAILWAYS, as it could be possible to do that on such a small map (on a little scale about I:I.500.000), but the situation of towns and hydrographical net (although being wrong) is left without correction for it is a very hard, lingering and ungrateful task to deal with such a little scale.

The basic map is taken from the "World Oil". (See p. 206).

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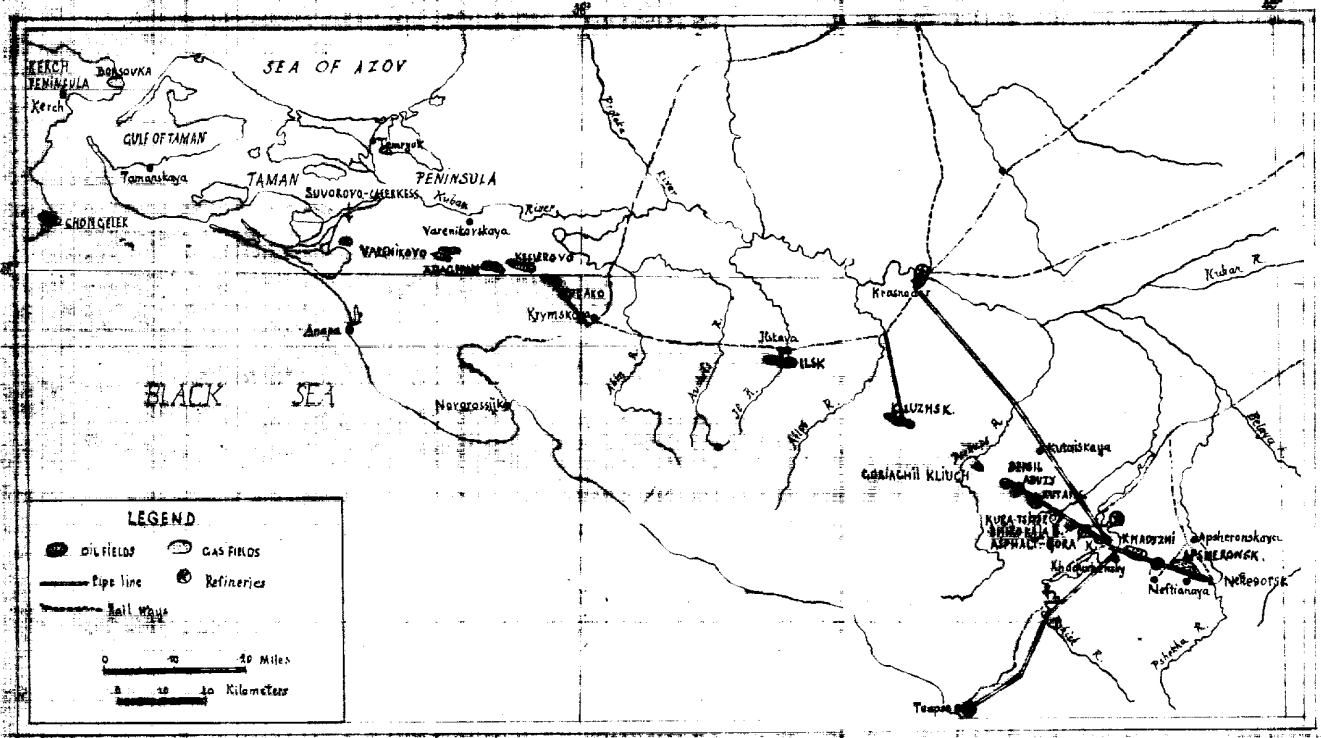
CRIMEA-MAIKOP FIELDS



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K U B A N - O I L - A R E A

On this map on a scale I:I.000.000 is reperesented in correct form the situation of inhabitant points ,of railways and hydrographical net.

On this basis map is shown the disposition of OIL and GAS-Fields of KUBAN OIL-Area (District) and OIL-PIPE-LiNES. The Rafineries are shown on the preceeding map and I do not repeat them.

L E G E N D

Railway-lines

Oil - Fields

Pipe - lines

Gas- Fields

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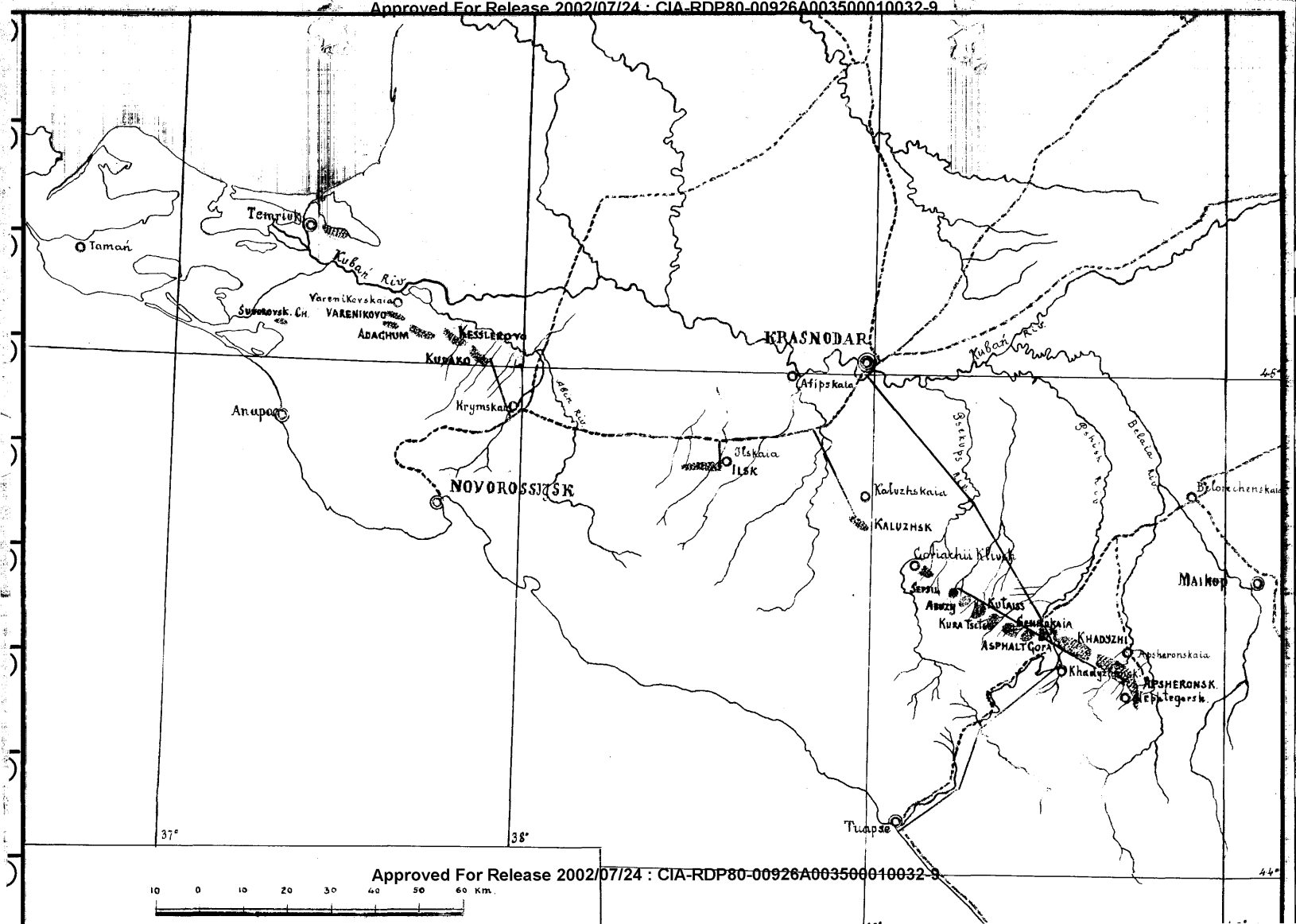

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CRITICAL R E M A R K S to the MAP " GROZNY FIELDS "

(journal World Oil vol. I29 No 4 issued July I5,I949)

I. O I L F I E L D S

a) The Oil-fields Voznessenka, Bakovich and Alkhazovo are shown on this map wrong.

V o z n e s s e n k a is the main region and B ä k o v i c h and A l k h a z o v o represent two parts of Voznessenka: BEKOVICH on the West end and ALKHAZOVO on the East end of V o z - n e s s e n k a - A n t i c l i n e.

------ . ------

b) OLD GROZNY Anticline has NW - SO position of axis, but not W - O as it is shown on this map.

G u n i u s h k i represents the terminal part of this region toward North- West and T a s h - K a l a is situated on the South-East end -part of old GROZNY Oil- Region.

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c) The Region G U D E R M E S is shown on the map "World Oil" wrong.
On the GUDERMES RANGE (K a t c h k a l y k R a n g e) are disposed several areas which are following (considering from SO to NW) : Koshkeldy, Noiberdy, Istissu and Kokhanowka (Gudermes) fields where the test drilling took place.

From all these above mentioned areas only field NOIBERDY contains sand - oil-beds that turned out to be profitable.
The other points are dubious or not yet sufficiently investigated by test wells.

----- . -----

d) On the map "World Oil " are absent D A T Y K H and B E N O I Oil- Fields ,which are located in Region CHERNYE GORY (Black Mountains)

----- * -----

e) P R A V O B E R E Z H N O Y E -(is probably ADU- JURT) anticline structure,discovered by geophisical methods.
The test wells have got G a s f o u n t a i n from Pliocene and Upper Miocene Formations

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2. O I L P I P E - L I N E S

a) The magistral pipe-line GROZNY - TUAPSE is passing directly via the town MOZDOK, but not to the East from it, as it is shown on the map.

b) There exists a pipe-line from MOLGABEK to MOZDOK

c) I am in doubt if there is a pipe-line between Grozny and Pravoberezhnoye.
On the German sources this pipe-line is shown only hypothetically.

----- * -----

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On this LIST are represented the o i l and g a s f i e l d s of TEREK OIL- AREA (DIstrict) in revised and completed form.

On the MAP "GROZNY-FIELDS " is shown the situation of these fields in more correct form,than in "World Oil"

But I must say,that a row of oil-bearing places,where the test -wells were drilled,could not be shown on account of small scale of the map and had to be omitted.

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T E R E K (GROZNY) O I L DISTRICT (AREA)

F I E L D	A G E	TYPE STRUCTURE
ADU - YURT (Pravoberezhnoye ?) G a s Field	Pliocene-Miocene	Anticline
ALKHAZOVO - O i l F.	Middle Miocene	Folded Overthrust
ALI-YURT --	-----	Anticline Dome
BAKOVICH - o i l F.	Middle Miocene	Over~~fold~~ thrust - ~~Overthrust~~ fold
BENOI o i l F.	Oligocene	Monocline
DATYKH --	Oligocene	Anticline
GORA GORSKAIA (Mount Gorskaia) o i l F i e l d	Middle Miocene	Folded Overthrust
GROZNY, New-Field (October) (ALDY -Region) Oil F.	Middle Miocene	Anticline
GROZNY, Old-Field O i l F.	Middle Miocene	Anticline and Overthrusted Fold
GUDERMES -----	-------	Anticline
GUNIUSHKI ----	------	Anticline
MALGOBEK - O i l & G a s F.	Middle Miocene	Over~~fold~~ thrust - ~~Overthru~~ fold
TASH - KALA o i l Field	Middle Miocene	Anticline
VOZNESSENKA o i l Field	Middle Miocene	Overthrusted ~~Over~~fold

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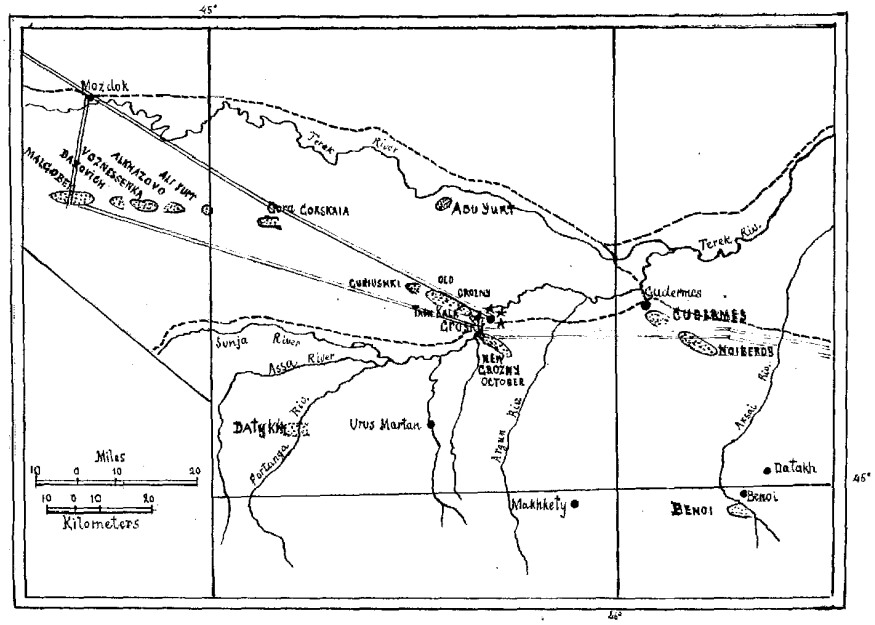
CROZNY FIELDS



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N A P H T A L A N O I L - F I E L D

The Oil-field of NAPHTALAN is situated at the foot of the northern slope of Mountains of Caucasus Minor.,close (toward the East) to capital town of this district -Kirovobad (former Elizabethpol).

This Oil-field was known and exploiteted from ancient time because of healing ability of this oil,but in the last years here are undertaken vast explorations and the deep test-wells have given good practical results from the sand beds of Oligocenr.

Here are developed several Anticline-folds,so that the whole place may be considered as prominent in future.

The Railway Station ~~Gheroni~~ Geran' is situated in I8 kilometers to the North from the Oil-field.

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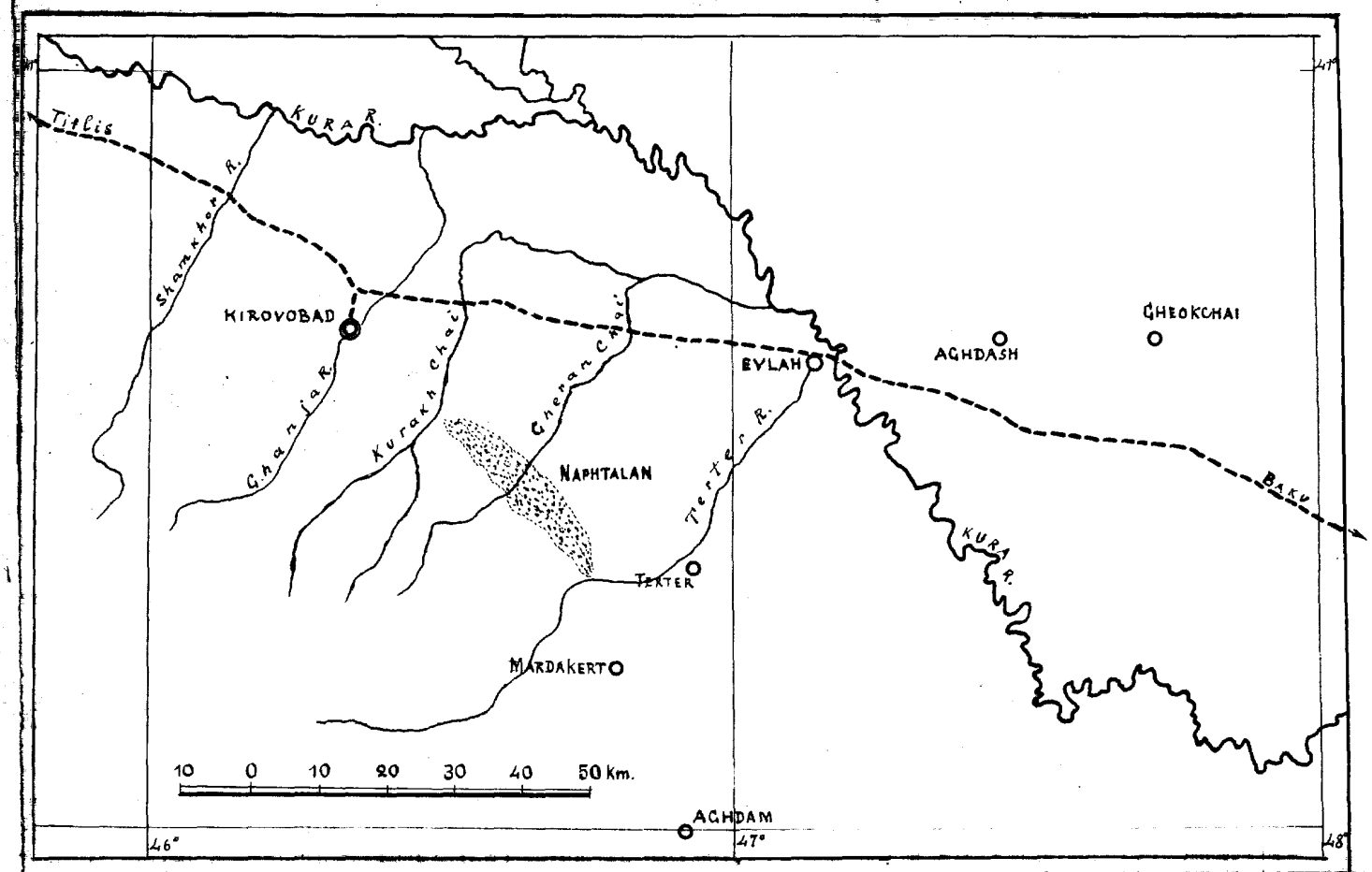

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