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### SOVIET BLAST OPENS EARTH-CRUST STUDY

MOSCOW, May 18 (Reuters)  
—Tass, the Soviet press agency, reported last night a "first powerful explosion" to study deep layers of the earth's crust.

A news editor of the agency, asked if the explosion—at Kyzylgach Bay, on the western bank of the Caspian Sea—was conventional or nuclear, replied:

"It was not nuclear."  
Tass said the crust was being explored at a depth of more than thirty-seven miles to obtain data on its structure down to the Mohorovicic layer—the discontinuity between the earth's crust and the rocky mantle surrounding its molten center.

Yesterday's blast created waves recorded eighty miles away by a seismic station, Tass said. It did not say at what depth the explosion had been touched off. *NYT*

MAY 19, 1962

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L171825 moscow tass in english to europe 1759 gmt 17 may 1962--l

(text) baku, 17 seventeen may--the first powerful explosion staged today at the kyzylagach bay on the western shore of the caspia inaugurated experimental work to study deep layers of the earth crust. a seismic station located at a distance of 130 one hundred thirty kilometers from the point of the explosion, recorded the first signals coming from the interior of the earth upset by

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the explosion.

the main purpose of the exploration of the earth crust at a depth of 60 sixty kilometers is to obtain fresh data on the structure of the earth crust down to the so-called mokhorovicic layer. 171757 da/moore

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*U.S. Japan explosion*

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(text) it is reported from baku: on the kyzylaqachskiy  
gulf in the caspian an explosion has taken place which announced  
the beginning of study by geophysicists of the deep strata  
of the earth's crust. at a seismic station situated in this area  
the first signals which have come from the depths of the earth  
awakened by the explosion have been recorded. the research

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has begun on a 700 seven hundred-kilometer route from the shores  
of the caspian sea to the black sea. scientists and specialists  
from azerbaijdhan, georgia, and moscow are taking part in the  
work. 181525 moore

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