

Consideration of risks in justifying the efficiency of oil and gas resources, promising areas

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Goal of research lies in studying of risks in the assessment of effective strength of investment project and ability to apply practically the methods in the process of economic evaluation efficiency of investment project considering these risk.

Objectives:

- 1. Analysis of estimation procedure of the effective strength of investment projects implementation.**
- 2. Cost-effectiveness analysis of implementation of the oil and gas project by the example of hydrocarbon reservoir.**
- 3. Usage of different specialized techniques for economically justified decision acceptance about the advisability of investment into the project**

Variant 1 presupposes further exploration of the deposit by the existing wellsite.

Variant 2 presupposes drilling and putting into operation in 2012 and 2016 of two wellsites N C-9 and C-10 into the dome part of the deposit and diversion of one wellsite (C-6) to spew of produced water.

Variant 3 presupposes drilling lateral holes from the wellsites NN A-06 and A-02 in 2012 and 2016 into the dome part of the deposit and diversion of one wellsite (C-6) to spew of produced water

Indicators of economic efficiency

-NPV

-IRR

-PI

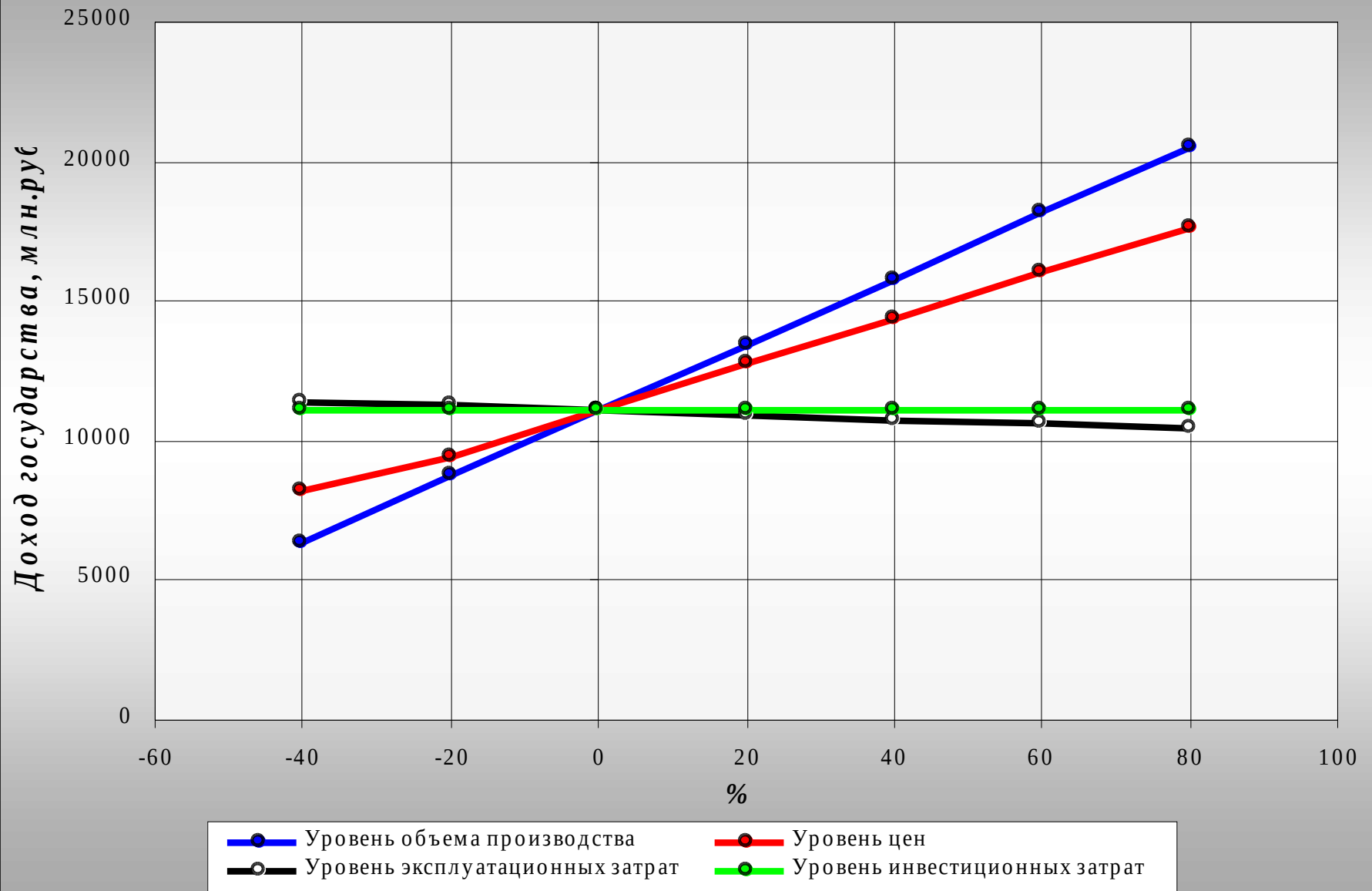
-Payback period

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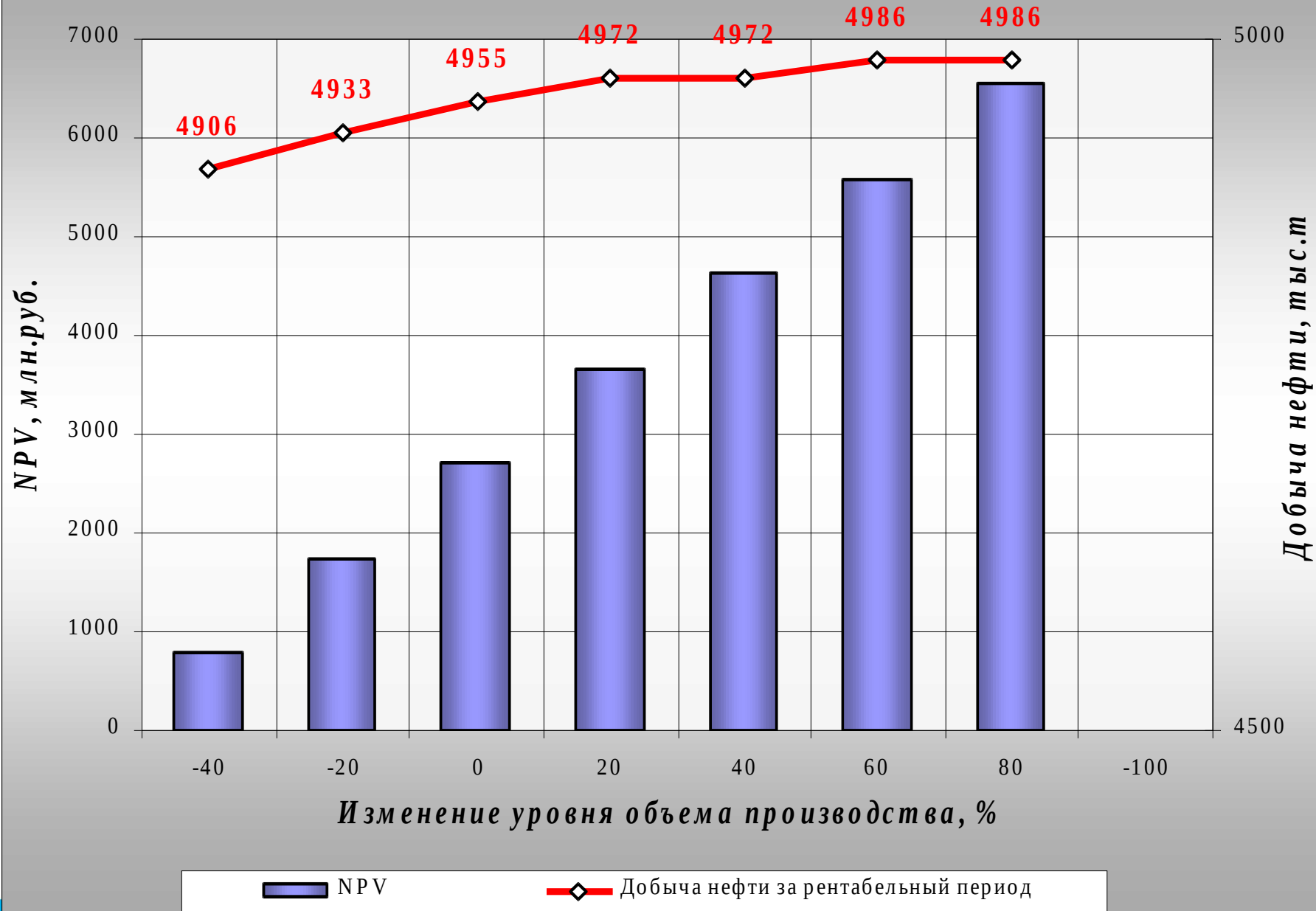
Parameter	Variant 1	Variant 2	Variant 3
discount rate 10 %			
NPV	2150,5	2538,7	2703,7
PI	1,16	1,17	1,19
discount rate 15 %			
NPV	1804,8	1983,1	2116,7
PI	1,16	1,17	1,18

Parameter	Variant 1	Variant 2	Variant 3
discount rate 10 %			
Capital expenditure on development of deposits		195,8	
Well drilling		159,8	
State Income	10046,7	11084,6	11089,7
discount rate 15 %			
Capital expenditure on development of deposits		155,2	
Well drilling		126,6	
State Income	8433,5	9070,6	9072,3

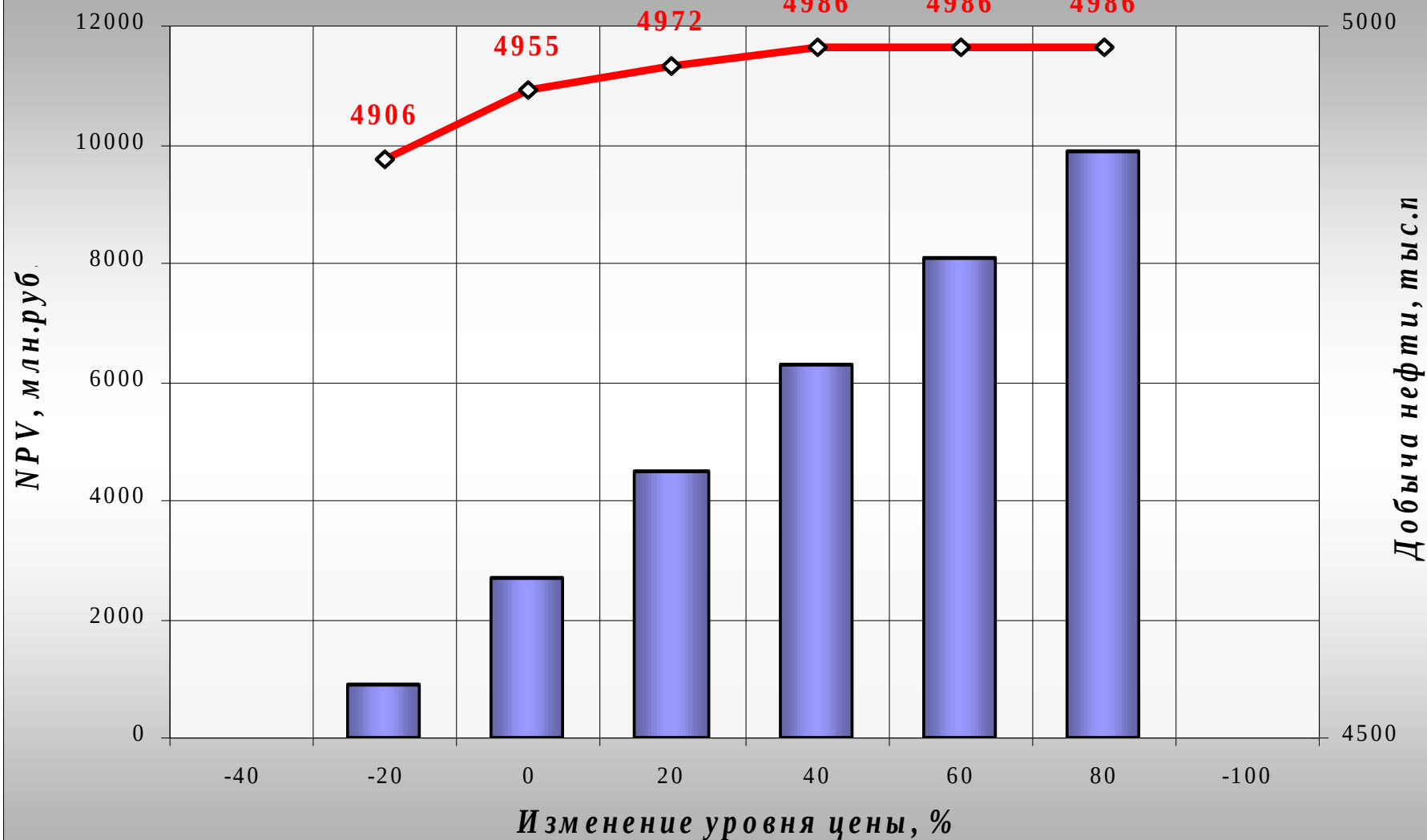
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NPV



Добыча нефти за рентабельный период



Thank you for attention!

Спасибо за внимание !

Thank you for your attention!