

ABOUT USING THE GEOPHYSICAL STUDY METHODS TO PREVENT
DRILLING PROBLEMS

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Key words: well borehole stability, problems of drilling incompetent rocks; borehole survey complex to predict the problem intervals in terms of stability

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(1 430–1 720) (1 720–2 030) (1 160–1 430),

[1–4].

([5])

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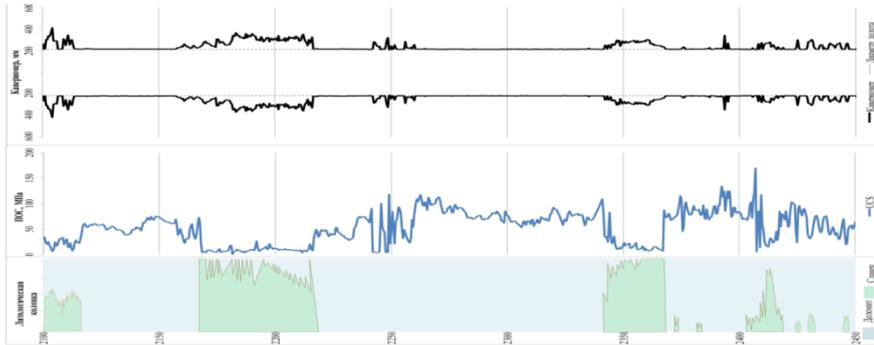
2D ()

():

[7].

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. 2
 2 100–2 450 [8].
 ():



. 2.

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1.

$$v = \frac{0,5 - R^2}{1 - R^2}, \quad (1)$$

R —

v_s

v_p .

2.

$$= \frac{\delta v_s^2 (3v_p^2 - 4v_s^2)}{v_p^2 - v_s^2}, \quad (2)$$

—

; v_s —

; v_p —

3.

G:

$$G = \frac{E}{2(1+v)}, \quad (3)$$

G —

4.

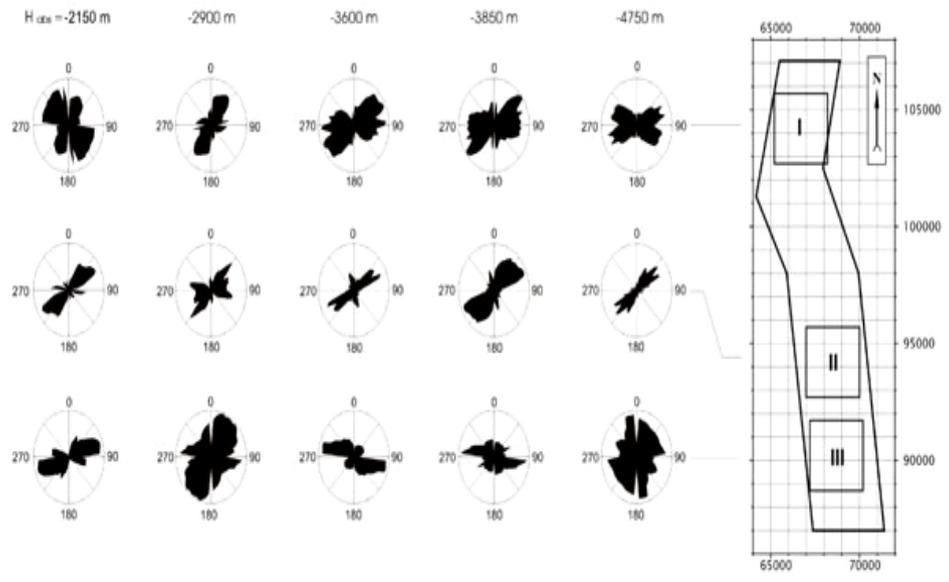
$$\delta \min = \frac{\mu}{1 - \mu} (p_{ovb} - p_p), \quad (4)$$

μ — ; P_{ovb} — ; P_p — ; — -
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(4D) (3D)

[9].

[9] (. 3).



. 3.

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