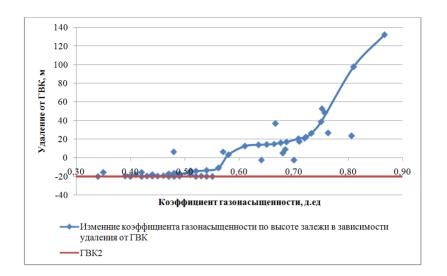
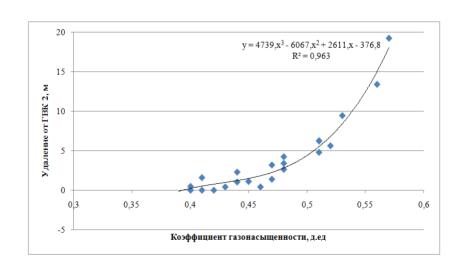
## MODIFICATIONOFMOLECULARSTRUCTURE ON RESERVOIR SURFACE WHILE LOW-PRESSURE GASES CENOMANIAN DEPOSITS EXPLOITATION

```
Yu. V. Vaganov, A. K. Yagafarov, Sh. A. Arsan
                                                                                      ;
            Key words: Cenomanian deposits; last stage of exploitation; gas well; net pay;
                               hydrofobisation; contact angle
885-940
                                                                                    80 %
(608-625
                                                                             ,
70-
          .).
                                         75 %
        85 %,
             1 500
                                                       500
      78
                                   1 500
                                                                     ),
                    250 .
                                        5 /,
     = 0.219 , d = 0.168 ) [1].
```

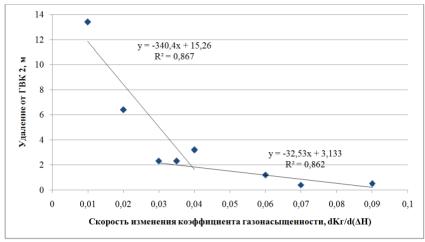
```
(
4,1 /),
»
        [2].
          «
                     7,8
                                                                 [3].
                                      2 %
                                                                       [4].
(
      ),
                                                 )
( «
                            »).
                                                                    [5].
                          ,
[6, 7],
           (k ),
                                                     )
                      [5]
                                                   1,
                                                           2 –
                               80-
                                                                                 [5],
                                                                     1),
                                  (k)
                                                             0,75,
0,47,
. 1
                                                                         20
                                                1,
```

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. 2.



. 3.

-,

(k = 0,57),.

(Q ), [1], - (h')

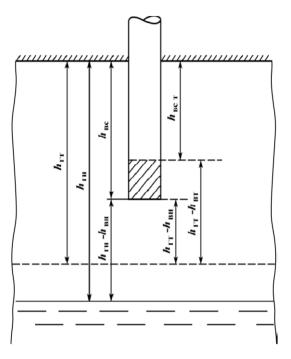
h' 0,5. , 1,

, [1]:

 $\Delta^{2} = ( - ) \cdot ( + ) = 0, 1 \left[ (h - h) \cdot (\rho - \rho) \cdot g \right] / \eta, \qquad (1)$ 

 $\Delta^{-1} = ( - ) \cdot ( + ) = 0, 1 [(h-h) \cdot (\rho - \rho) \cdot g] / \eta, \qquad (1)$   $- - , ; h - , \dots , \dots$   $0, 1 , ; h - , \dots$ 

(h) .



. 4.

*42* 

Si—O [8]. 0,001 (60–90 %) ( ), (1) (2) g — (cos ), **(**3)

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```
(cos).
                90^{0} ( > 90),
                                                cos
    1.
  , 2003. – 880 .
    2.
25.00.15. -
    3.
                   , 2012. - 176 .
    4.
    //
                   . - 2012. - 4. - . 54-56.
    5.
                                                        1. II. 1983 .
                                                                              1983
                                                                                                   9284
                                                                                                  ) 19.08.1983 .
                                                                                         , 1984.
 ):
              , 1973. – 240 .
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