

EXPERIENCE IN CONSTRUCTING THE INTEGRATED MODEL FOR SOLVING  
THE PROBLEMS OF THE FIELD DEVELOPMENT

• • • • • , • • • • • , • • • • • , • • • • • ,  
• • • • • , • • • • •  
A. V. Podnebesnykh, A. V. Baryshnikov, A. V. Gubaev, S. R. Nurov, S. P. Stukov,  
Yu. I. Timokhovich

« » , « » ,

: ; ;  
*Key words: integrated modeling; wells potential; drilling schedule*

( ),

, , ,  
, ,  
.

, , ,  
.

( ),

, , ,  
.

[1].

, , ,  
.

, , ,  
.

, , ,  
.

2005 .,

2008 .

, , 2-, 2-), ( ), - ( ),  
- ( 3 4).

; ;

01.01.2015 .  
3 4,

( ) .

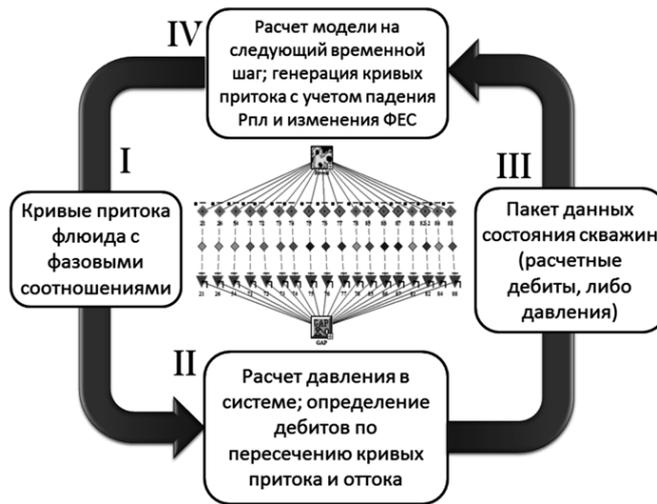
2,4 %.

Eclipse 100,

01.01.2015 .

1.

. I.  
Resolve



2

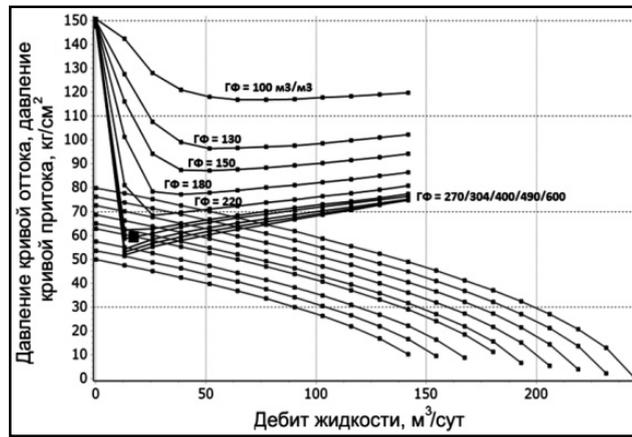
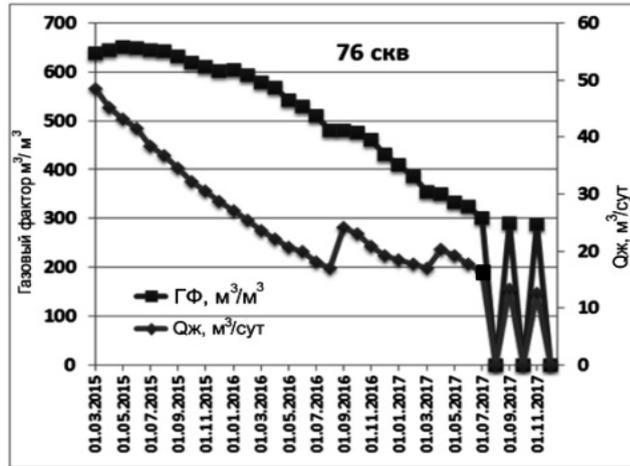
. 2,

2 %,

— 1,4 %.



.3.  
.76:



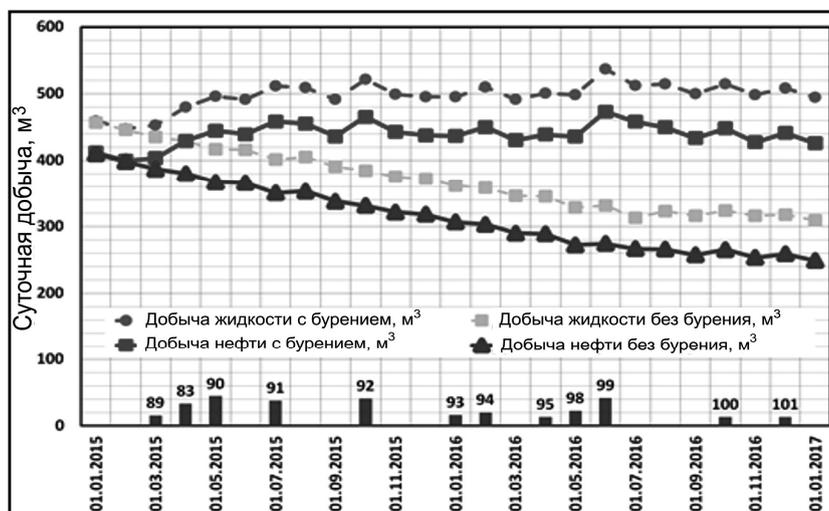
[2].

440  $\text{м}^3/\text{сут}$

30

25

( . 4).



. 4.

- : , ;
- ;
- , ;
- PVT ;
- , , ;
- PVT , .

1. Integrated Production Modeling: Advanced, but not Always Better / Correa Feria C. // SPE 138888. – 2010.
2. / // . – 2003. – 816 .
3. Integrated Asset Modeling in Mature Offshore Fields: Challenges and Successes / Nazarov R. // SPE 169923. – 2014.
4. Forecasting Reservoir Management Through Integrated Asset Modelling / Ursini F., Rossi R., Pagliari F. // SPE 128165. – 2010.
5. / // SPE 166892. – 2013.

**Information about the authors**

**Podnebesnykh A. V.**, Candidate of Science in Geology and Mineralogy, project chief engineer of LLC «STC Oilteam», Sochi, phone 8(862)2255447\*1030, e-mail: PodnebesnyhAV@oilteam.ru

**Baryshnikov A. V.**, Candidate of Science in Engineering, Director General of CJSC «UNS», Perm, phone 8(342)2079784, e-mail: BaryshnikovAV@urlns.ru

**Gubaev A. V.**, specialist of LLC «STC Oilteam», Sochi, phone: 8(862)2255447, e-mail: GubaevAV@oilteam.ru

**Nurov S. R.**, senior reservoir engineer of LLC «STC Oilteam», Sochi, phone 8(862)2255447\*1030, e-mail: NurovSR@oilteam.ru

**Stukov S. P.**, chief geologist of CJSC «UNS», Perm, phone: 8(342)2079784, e-mail: StukovSP@urlns.ru

**Timokhovich Yu. I.**, deputy chief geologist of CJSC «UNS», Perm, phone: 8(342)2079784, e-mail: TimokhovichYuI@urlns.ru