

Документ подписан простой электронной подписью

Информация о владельце:

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Annotation to the work program of the discipline

Добыча нефти / Petroleum Production Engineering	
Discipline name	The discipline "Petroleum Production Engineering" studies the main processes occurring in the fields: oil extraction by fountain, gas lift and with the help of deep pumps, preparation of oil for further transport.
Brief content	<i>Knows about the methods of oil extraction and preparation for further transportation. Is able to design the layout of underground and wellhead equipment of producing and injection wells, adjust technological processes, perform technological calculations for the extraction of hydrocarbons from reservoirs (bottom) at the wellhead, as well as methods of influencing the bottom-hole formation zone by methods of oil production intensification. Masters modeling tools (software products) of operating modes of producing and injection wells.</i>
Learning outcomes of the discipline	
Volume of credits	6
Forms of assessment (including terms)	Course paper- 6 term, Exam - 6 term, Grading test - 5 term
Basic and additional reading list necessary for assimilation of the discipline	
Basic reading list	1. Tagirov K.M. Exploitation of oil and gas wells. – M.: 2012. -346 p. 2. Shchurov V.I. Technology and technique of oil production: Textbook for universities (ed:3.) – Moscow: Alliance, 2010 – 510 p.
Additional reading list	1. Kudinov V.I. Intensification of viscous oil production from carbonate reservoirs/ Kudinov V.I., Suchkov B.M. Intensification of viscous oil production from carbonate reservoirs. – Samara: Book. Publishing house, 1996. – 440 p. 2. Suchkov B.M. Oil extraction from carbonate reservoirs. Moscow-Izhevsk: SIC "Regular and chaotic dynamics", 2005. - 688 p. 3. Mishchenko I. T. Borehole oil production. – M.: Publishing House "Oil and Gas" Gubkin Russian State University of Oil and Gas, 2003. 4. Handbook of oil production / V. V. Andreev, K. R. Urazakov, V. U. Dalimov, etc.; Edited by K. R. Urazakov. - M.: LLC "Nedra-Businesscenter", 2000. – 374 p. 5. Ibragimov L.H. Intensification of oil production/ L.H. Ibragimov, I.T. Mishchenko, D.K. Cheloyants. Intensification of oil production. – M.: Nauka, 2000. 6. Korotaev, Yu.P. Extraction. transportation and underground gas storage. Textbook for universities / Yu.P. Korotaev, A.I. Shirkovsky. – M., : Nedra, 1984. – 487 p. 7. Aliyev Z.S., Bondarenko V.V. Investigation of horizontal wells. – M.: Publishing house "Oil and Gas" Gubkin Russian State University of Oil and Gas, 2004. – 300s. 8. Balaba V. I., Dunyushkin I.I., Pavlenko V.P. Industrial safety of oil and gas production. – Moscow: MF "National Institute of Oil and Gas", 2008. - 456 p.