

Документ подписан простой электронной подписью

Информация о владельце:

ФИО: Верисокин Александр Евгеньевич

Должность: И.о. декана факультета нефтегазовой инженерии

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### Annotation to the work program of the discipline

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name disciplines                                                                   | Заканчивание скважин / Well Completion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Brief content                                                                      | Primary opening of productive layers. Testing of productive formations in an open borehole. Design of well structures. Fixing wells with casing strings. Separation of layers. Secondary opening of the productive formation and development of wells. Installation of bridges and repair and insulation works in the well.                                                                                                                                                                                                                                                                                                                                                                            |
| results development disciplines (module)                                           | applies knowledge of the concept and types of field documentation and the requirements for them; types and requirements for field reporting, main reporting documents, deadlines for submission, use of field databases, geological reports;<br>possesses the skills of maintaining field documentation and reporting. knows normative documents, standards, current instructions, design methods in the oil and gas industry;<br>is able to develop standard design, technological and working documents using computer-aided design of technological processes;<br>owns innovative methods for solving the problems of designing technological and production processes in the oil and gas industry. |
| labor input, cu                                                                    | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Forms reporting (including semesters)                                              | Graded (grading)<br>Exam,<br>course project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>List of basic and additional literature necessary for mastering disciplines</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main literature                                                                    | 1. Podgornov V.M. Completion of wells: textbook, part 1, Formation of well lining. - MAKS Press, 2008-253 p.<br>2. Podgornov V.M. Completion of wells: textbook, part 2, Formation of the bottomhole zone of a well. -M: Nedra, 2008 - 253 p.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Additional literature                                                              | 1. Basarygin Yu.M., Bulatov A.I., Proselkov Yu.M. Technology of drilling oil and gas wells. Textbook.-M.: LLC "Nedra-Business Center", 2001.<br>2. Antipov V.I., Nagaev V.B., Sedykh A.D. Physical processes of oil and gas production. Tutorial. Vol.1 - M.: Nedra, 1998.<br><br>3. Theory and practice of well completion. In 5 volumes. Under the editorship of prof. Bulatova.-M.: OAO Nedra. 1997-1998.<br>4. Soloviev E.M. Well Completion Task Book. Tutorial. – M.: Nedra. 1989.<br>5. Handbook of fixing oil and gas wells. Ed. prof. A.I. Bulatov. -M.: Nedra, 1977 and 1981.                                                                                                                |