

FAIZAN ALI

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ACADEMICS

M.Sc. Petroleum 2012-2014	Norwegian University of Science & Technology (NTNU) (Average Degree Grade “B”)
B.E Petroleum 2005-2009	NED University of Engineering & Technology, Pakistan (88%, Secured 1 st position in the department)
HSC I & II 2003-2005	Government Dehli College (83%, Secured 3 rd position in the college)
SSC I & II 2001-2003	Pakistan Secondary School (81%, Secured 1 st position in the school)

WORK EXPERIENCES

- Working as LECTURER, Petroleum Engineering Department, NEDUET from March 2010 and have taught following courses: Reservoir Petrophysics, Reservoir Fluid properties, Reservoir Engineering II, Reservoir Engineering I, Well Logging, Well Testing & Enhanced Oil Recovery.
- Worked as Teaching Assistant in Fractured Reservoir, Unconventional Reservoirs and Reservoir Petrophysics courses during M.Sc. Programme.
- Worked along-with Professor Ole Torsaeter during M.Sc. Programme for
 - Developing the book titled “Un-conventional Reservoir”
 - Estimating the relative permeabilities and Capillary pressure of Ekofisk Field.
- Assisted the faculty of Petroleum Engineering Department, NEDUET in conducting three days “PVT Workshop”.
- Worked as Co-ordinator Academics during Extended Internship programme held in Petroleum Engineering Department, NEDUET.

PROJECTS ACCOMPLISHED

- “Importance of Water Influx and Water Flooding for Gas-Condensate Reservoirs” under the supervision of **Professor Curtis Hays Whitson, NTNU**. In this project, the importance of water influx and water flooding on the performance of gas condensate reservoir is studied through fine gridded compositional simulation models. It is shown that water drive can significantly increase the ultimate oil and gas recoveries of a gas condensate reservoir.
- “The Effect of Binary Interaction Parameters on K values” under the supervision of **Professor Curtis Hays Whitson, NTNU**. In this work, the variation of BIP’s (Binary Interaction Parameters) on convergence pressure was evaluated. BIP’s are used in the correlations of high pressure K-values to

account binary intermolecular interaction. It is shown that the dependency of convergence pressure on BIP's at a constant temperature limits the accuracy of the predictions of the correlations so as the phase behavior prediction in the reservoir.

- **“Gas Injection for Enhanced Oil recovery”** under supervision of **Mr. Azhar Hasnain, Reservoir Engineering Team Leader at BP Pakistan Inc.** In this work, applicability of Gas Injection for an oil reservoir was evaluated.
- **“Fluid Characterization of a Retrograde Gas Condensate Reservoir for the Simulation Study”** under supervision of **Mr. Noman Khan, Senior Reservoir Engineer, PPL.**

PROFESSIONAL TRAININGS/ COURSES

- Tablet teaching training given by Professor Curtis Hays Whitson, NTNU as part of technology transfer agreement between NEDUET and NTNU.
- Two weeks Hands on Training on PVT equipment given by Vinci Technology during the commissioning of PVT equipments in Petroleum Engineering Department, NEDUET.
- Four days Outcrops Studies of Southern England Fields under PETROX programme organized by NTNU.
- Five days training on International Management Communication in Paris, France under European Student Exchange programme.
- Five days training on Introduction to Finite Elements and Application in Milan, Italy under European Student Exchange programme.
- Five days training on Advance Gas Condensate Reservoir given by Professor Curtis Hays Whitson, NTNU.

INTEREST AREAS

- Phase behavior and PVT Studies
- Reservoir Simulation
- Un-conventional Reservoirs like Tight Gas, Shale Gas, Shale Oil etc.
- Enhanced Oil Recovery
- Well testing
- Gas Condensate Reservoirs