PHAN THANH LOI

Application Engineer

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- 200/1/1 Binh Loi Binh Thanh HCM City
- © Day of birth: 28/1/1992



Application Engineer- IBM Maximo

AVENUE Business Solutions Joint Stock Company

- May 2017 to Present
- Viet Nam
- Implement software solutions.
- Run solutions workshops with clients and design the system.
- Configuration, customization, data loading and users training.
- Design and develop custom application screens and reports.
- Perform internal tests and user acceptance tests.
- Customer support, troubleshooting and problem resolution.
- Perform training sessions to clients.
- Perform local / on-site post support services.

Project:

On-site support for Binh Son refining, PVEP POC

Reservoir Geologist

PetroVietnam Exploration Production Corporation

- ① Oct 2015 to Apr 2017
- Viet Nam
- Design and conduct reservoir geological modeling work by conducting a systematic and an integrated reservoir study using sedimentology, facies, seismic information and petrophysical data in order to understand reservoir compartmentalization, distribution,



reservoir heterogeneities, properties, quality and architecture to provide accurate resource assessments and input to reservoir simulation for maximize recovery and effective cost.

- Petrophysical interpretation, studies and analysis of fracture basement, clastic in exploration and production fields.
- Geomechanics interpretation for Kinh Ngu Trang, Hai Su Den field.
- Hydraulic fracturing study for Kinh Ngu Trang field.
- Petrophysical interpretation, studies and analysis of wells and reservoirs in producing fields.
- Undertake petrophysical log data review and reinterpretation as to support Reservoir Engineer, Production Technologist and Geologist for reservoir management plan (RMP) review, reserves addition opportunities, production enhancement initiatives and for FFR/FDP support.
- Monitor and manage petrophysical system, software and tools by reviewing current and future tool application requirement to ensure tools availability.
- Ensure all raw and interpreted data are readily available whenever it needed to support Reservoir Engineer, Production Technologist and Geologist for field surveillance review, full field study and production enhancement input
- Provide cased hole logging program for casing integrity, behind casing opportunity, current fluid contact movement and facilitate perforation interval during workover activities.
- Responsible for preliminary evaluation of the log and other formation data to come out with preliminary well result during workover and drilling operation to determine perforation interval, as support to Reservoir Engineer, Production Technologist and Geologist during implementation stage.

Review RAR/FFDP/FDP for Operator in Vietnam

Project:

- Ca Tam 3D geological modeling.
 - + Oligocene 3D modeling
 - + Miocene 3D modeling
- Ca Tam clastic wells interpretation.
- Lac Da Vang tight reservoir interpretation.
- HXS fracture basement interpretation.
- Kinh Ngu Trang 1D geomechanical interpretation.

Technical Service Engineer

ESS- Software Service Company

① Oct 2014 to Sep 2015

Viet Nam

- Petrophysical interpretation, studies and analysis of fracture basement and fracture clastic, clastic wells in exploration and production fields.
- Geomechanics interpretation for offshore field.
- Builds uncertainty modelling, thin bedded, low resistivity approach for Petrophysical software.
- Saturation Height modelling.
- Supports Petrophysics software for many oil and gas companies in Vietnam and oversea.
- Application methods of multi-mineral to solve the challenge in fracture basement and fracture clastic reservoir.
- Application methods of petrophysics to research reservoirs properties
- Evaluation porosity, net/gross, water saturation,
- Monitor and manage petrophysical system, software and tools by reviewing current and future tool application requirement to ensure tools availability.

Project:

 Build software for clastic and fracture basement. (Well Insight Petrophysical software).

LIFE PHILOSOPHY

"Work until you no longer have to introduce yourself".

MOST PROUD OF

Achievement

- First price of SPE scholarship (2013 and 2015)
- Youngest team leader in ESS

 I showed despite the hard moments and my willingness to stay with PVEP in the hardest time of oil and gas industry.

SOFTWARE & SKILLS & LANGUAGES

Software

Maximo (CMMS)

Interactive Petrophysics (IP)

Well Insight (Basroc)

Techlog

Petrel

JewelSuite

Skills

- Good communication & negotiation skill.
- Capable in handling workloads efficiently to meet deadline.
- Well-organized and be able to manage time effectively.
- High competence in handling with people, especially solving problems.
- Team leader skills, ability to work with team or dependence

Languages

English



STRENGTHS

Hard-working

Motivator & Leader

Enthusiasm

EDUCATION

B.S.Petroleum Geology

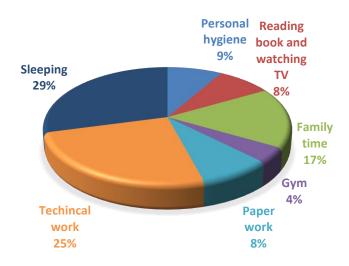
University of Science-Vietnam National University

Sep 2010- Oct 2014

Training at Petronas Carigali Vietnam Limited (PCVL)

[1] March 2014- June 2014

A DAY OF MY LIFE



PUBLICATIONS

Journal Articles

- Vietnam oil and gas magazine "Mechanical rock properties study for optimization oil exploitation using hydraulic fracturing of Oligocene in the Cuu Long basin, Vietnam", p28, Number 11-2016.
- Vietnam oil and gas magazine
 "Petrophysical interpretation methodology for Thinly bedded sandstone", p38, Number 12-2016.

REFERENCES

Mr. Tran Quoc Viet

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