

REINHARD BRAGANZA



DATE OF BIRTH 9th May, 1964

NATIONALITY Indian

RESIDENCE Goa, India

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ACADEMIC QUALIFICATIONS Master of Science-1 in Geology, 1987, University of Goa, India; Bachelor of Science – Geology major, 1985, Bombay University, India.

CAREER SUMMARY

Over 26 years of international experience in the upstream petroleum industry. I began my career with Geoservices S.A. where I worked extensively in the roles of Mudlogger, Data Engineer, Pressure Engineer and Junior Wellsite Geologist for various Operators in India, Indonesia, Vietnam and the Middle East. From 1996, I then spent 5 years working as a Wellsite Geologist in Yemen in Canadian Nexen's Masila Block 14. In late 2001, I was promoted to the position of Mudlogging & Geological Field Supervisor in Yemen and subsequently to Geoservices Mudlogging Co-ordinator in Iran. In these roles, I liaised directly with clients, providing a crucial link between field and office and ensuring that the drilling and geological data from wells was of high quality. Since early 2004, I have worked exclusively as a Wellsite Geologist, firstly for Geoservices and then as a consultant, providing services to various clients in the Middle East, West Africa and Indonesia. Since late 2010, I have worked exclusively as a Lead Operations Geologist, wherein I am responsible for the daily geological operations. One of my core duties is to provide geological and geosteering support to the daily operations and to ensure the objectives of the well are achieved.

I have wide experience in both carbonate and siliciclastic basins and has worked with fractured basement reservoirs. My international WSG career has seen me working in Qatar, UAE, Yemen, Saudi Arabia, Angola and Indonesia, on exploration and development/appraisal wells, with exposure to deepwater, directional, extended reach and geo-steered horizontal multi-lateral development drilling. I am well versed in all aspects of geo-pressure monitoring and detection.

EMPLOYMENT HISTORY

Dubai Petroleum Enterprise (October 2010 - Present)

Title Lead Operations Geologist

Location Dubai, UAE.

Presently working for Dubai Petroleum Establishment. My job duties involves preparing well planning documentation prior to drilling wells. Be a direct link between drilling's inter-disciplinary departments and geoscience department. Coordinate and provide daily operations and geological support to various teams

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within the organisations. Supervise and coordinate the wells site geologist team. Supervise and provide geosteering and operations support to numerous horizontal and horizontal multi-lateral wells in their offshore Fateh, Southwest Fateh, and Rashid and Falah blocks. Utilise Roxar RMS and Geolog software packages for geo-steering, well correlations, structural mapping and well path plotting. Responsible for landing of wells, selecting casing points and geosteering of the laterals. Prepare, QC all end of well geological and service companies well reports. Coordinate, Supervise, coordinate and QC all Mudlogging, LWD, Wireline and other formation evaluation services. I was also involved in preparing job scope and requirements while preparing tenders and contracts of various formation evaluation services.

GEOREX, UK. (May 2009 – August 2010)

Title Wellsite Geologist (Consultant)
Location Dubai, UAE.

Worked for Dubai Petroleum Establishment as a consultant wellsite geologist. Prepared well planning documentation prior to drilling wells. Sat numerous horizontal and horizontal multi-lateral wells in their offshore Fateh, Southwest Fateh, Rashid and Falah blocks. Utilised Roxar RMS and Geolog software packages for geo-steering, well correlations, structural mapping and well path plotting. Responsible for landing of wells and selecting casing points. Prepared final geological well reports. Supervise & QC the mudlogging and LWD services at the wells site.

Australian International Petro-Consultants (November 2007 – April 2009)

Title Wellsite Geologist (Consultant)
Location Qatar; Angola, Indonesia.

Wellsite Geologist for ExxonMobil/Qatar Gas II JV (Nov 2007-Mar 2008), Esso Exploration Angola (Block 15) Ltd. (Nov 2008-Apr 2009), Roc Oil Company Ltd. (Apr-Sept 2008) – Angola. ExxonMobil Indonesia, Cepu block (Sept 2010-Oct-2010)

Provided wellsite Geological services and supervision in Angola on three onshore wildcat exploration wells for Roc Oil in the South Cabinda Block, as well as a number of deep-water high-angle development and injector wells for Esso. All Esso's development wells employed TesTrak PWD (Formation pressure while drilling) services incorporated with other high-end LWD services. Undertook quality control of Mudlogging, MWD/LWD and PWD services at the well-site including quick-look analysis and evaluation of LWD derived formation pressures. Worked in the Luanda office of Esso writing end of well reports and QC'ing third party well data products. Played a lead role in supervising the entire extensive Formation Evaluation program on the NF-3 vertical appraisal well in the North Gas Field, offshore Qatar. A large amount of core was cut (650 ft in the Yamama and Sulaiy formations and a further 1400 ft over the entire Khuff formation). Numerous wireline logging runs were also recorded including formation sampling with the MDT.

Geoservices S.A. (April 2004 - October 2007)

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Title Wellsite Geologist
Location Qatar; Saudi Arabia.

Worked for RasGas in the supergiant North Field (gas), offshore Qatar and for South Rub Al Khali Co. Ltd. (SRAK), a joint venture between Shell, Total and Saudi Aramco in Saudi Arabia. Assigned to SRAK's office prior to commencement of drilling to undertake Geological, Mudlogging, Coring, LWD and Wireline planning and prepare programs. Provided Geological supervision on more than 20 development, data, and semi-exploration and directional wells for RasGas and on 2 deep wildcat exploration HP/HT wells for SRAK. Supervised and QC'ed Mudlogging, MWD/LWD and Wireline logging operations services at the well-site. Interpreted gas & drilling data. Prepared daily morning and afternoon geological reports. Selected casing seats, core points and determined stratigraphic intervals. Prepared Final Well Geological Reports. Assisted with the processing of cores in the Qatar Petroleum Core Laboratory gaining valuable insight and knowledge on the Khuff carbonate reservoirs. The SRAK wells included supervision of Geoservices's GeoNext Mudlogging and Flex/Flair Real-time Hydrocarbon Gas/Fluid analysis services at the wellsite.

Geoservices S.A. (August 2003 - March 2004)

Title Mudlogging Quality & Technical Co-ordinator
Location Tehran, Iran.

Assisted Geoservices' Country Manager in day to day operations. Responsible for Client liaison with various clients in the country. Provided necessary administrative, logistic, technical and quality control support to all field and office operations. Prepared, tendered and executed work contracts for various clients.

Geoservices S.A. (December 2001 – July 2003)

Title Field Supervisor (Mudlogging and Geological support and QC).
Location Yemen.

Responsible for overseeing geological acquisition services in the field for Canadian Nexen's drilling campaigns on over 50 wells in 9 fields. Supervised wellsite geologists, mudlogging operations, wireline operations, and MWD/LWD programs. Assisted the Canadian Nexen Operations Geologist in day-to-day operations (reporting, horizon tops picks, wireline logging, coring operations and casing points) and critical geological analysis, Wireline logging supervision and Quick-look log analysis, and other well-site geological related operations. Responsible for all Geoservices Mudlogging Units and personnel. Provided direct liaison between the Operations Geologist and the Wellsite Geologists and Mudlogging personnel. Finalised and approved the Final Well Geological Reports given to the client. Implemented the Company's Quality control and Safety policies. Ensured the proper operation of all Mudlogging units by maintaining sufficient stocks of consumables and spares. Provided on-the-job training and necessary guidance to Mudlogging personnel and Wellsite Geologists for a smooth error free and professional operation.

Geoservices S.A (October 1996 – November 2001)

Title Wellsite Geologist.
Location Yemen.

Worked for Canadian Nexen Petroleum Yemen Ltd in the Masila Block 14. Provided Geological supervision on numerous exploration, development and under-balanced horizontal wells in sedimentary (Qishn clastics, Saar clastics and carbonates) and fractured granitic basement reservoirs. Interpreted gas and drilling data, selected casing seats, core points and determined stratigraphic intervals. Processed and described cores. Undertook QC of Wireline logging operations, supervised formation fluid/pressure sampling and performed quick-look log analysis. Supervised Mudlogging personnel. Prepared Final Well Geological Reports.

Geoservices S.A. (December 1987 - September 1996)

Title Mudlogger, Data Engineer, Geo-Pressure Engineer, Junior WSG.
Location India, International.

Worked as a Mudlogger, Data Engineer and Geo-pressure Engineer on exploration development and appraisal wells in various onshore and offshore locations in India, Indonesia, Vietnam, Yemen, Qatar and the UAE. Clients included ONGC, Oil India, Vico Indonesia, Idemitsu, Lasmo, Vietsov-Petro, Maersk, Arco, Penzoil, Bunduq, Agip and Total. Supervised Mudlogging units and personnel. Evaluated geological formations and bed boundaries, monitored all drilling and geological well parameters and analysed the data to predict Geo-pressures to ensure wells were drilled safely. Interpreted hydrocarbon shows. Prepared Final Well Reports. Maintained equipment and diagnosed & rectified hardware and software problems. Acted as Junior Wellsite Geologist for Vico Indonesia, described samples, prepared Lithologs and selected Formation tops. Trained and supervised junior personnel.

References will be provided upon request.

INDUSTRY TRAINING & TECHNICAL COURSES

Mudlogging Geology and Data Engineering training (Geoservices).
TRUE training (RANDY SMITH Drilling School)
Wellsite Wireline Log Interpretation & Log QC. (Schlumberger, Yemen).
Incident Investigation for Supervisors & Managers (Nexen Inc.).
WSG Geo-steering and Wireline Log Interpretation & Analysis (STAG Geological Services - Readings, UK)
Bore Hole Image Dipmeter and Logs Interpretation – PetroSkills.
Well Log Interpretations – PetroSkills.
Project Risk Assessment – Rose and Associates.
Huet, Sea Survival, Fire fighting and H₂S courses (currently all valid)

COMPUTING

Excellent Computer knowledge, including both hardware and software, PC networking, various desktop programs. Geological logging programs used

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include WinLoG, R-Web (operations reporting database), Roxar-RMS and Geolog (Geosteer and Well petro physics + correlation).

LANGUAGES OTHER THAN ENGLISH

Hindi (Fluent)
French (Basic)