

RESUME OF CHERUKU BAPU REDDY

Cheruku Bapu Reddy, bapu_r@hotmail.com, +91 9440877156, +91 9492029213

PROFILE

Technically proficient Geoscientist with international experience in E&P life cycle. Core expertise in Seismic-Well Tie, 3D & 2D Seismic Data interpretation, Mapping, Seismic Attribute Analysis, Qualitative & Quantitative Interpretation(QI) and Reservoir characterization. Successfully executed Exploration projects including initial & infill development and Geosteering. Managed and executed 3D Seismic Data Planning, Acquisition and Seismic Data Processing. Experience in multi-disciplinary, multi-cultural team environments. Strong business development, project leadership and supervisory experience.

EDUCATIONAL QUALIFICATIONS:

Masters degree in Applied Geophysics [M.Sc.(Tech)] from Osmania University, Hyderabad, India (First Class with Distinction).

Bachelor of Science (B.Sc.). Majors in Maths, Physics and Chemistry from Osmania University, Hyderabad, India (First Class with Distinction).

EXPERIENCE SUMMARY:

Company / Institute	Period	Areas of Working
Geocoin Global Private Limited	July 2020-till date	<ul style="list-style-type: none">○ Consultant Geophysicist
Sterling Oil Exploration & Energy Production Company Limited (SEEPCO) & Geo Seismic Survey Limited (GSSL), Lagos, Nigeria.	July 2017 to July 2020	<ul style="list-style-type: none">○ 2D & 3D Seismic interpretation includes Structural & Stratigraphic of Onshore data from Niger Delta, Nigeria.○ Velocity Analysis, Time to Depth Conversion,○ Reservoir Characterisation, Seismic attribute analysis, Spectral Decomposition, Seismic facies, Seismic Inversion studies/Quantitative interpretation.○ Prospect Generation and Maturation/Evaluation.○ Plan and manage New Seismic data Acquisition and Seismic Data Processing & Re-processing.
Bahrain Petroleum Company (Bapco), Kingdom of Bahrain (A National Oil Company)	Dec 2015 to Dec 2016	<ul style="list-style-type: none">○ 2D & 3D Seismic interpretation includes Structural & Stratigraphic with special focus to Low relief Structural, Unconventional and Deep Target Oil & Gas Exploration.○ Velocity Analysis, Time to Depth Conversion,○ Reservoir Characterisation, Seismic attribute analysis.○ Prospect Generation and Maturation/Evaluation.○ Liason with IOC operators in all technical issues and presenting and attending MCM Meetings.○ Data Room Management of Bid Open Bid Blocks.

Petronas Carigali, Kuala Lumpur, Malaysia (National E & P Company)	Oct 2012 to Oct 2015	<ul style="list-style-type: none"> ○ 2D & 3D Seismic interpretation includes Structural & Stratigraphic, bring out the structural style and Geological Model. ○ Velocity Analysis, Time to Depth Conversion. ○ Seismic attribute analysis, Geobody extraction Seismic Inversion/Quantitative Interpretation. ○ Reservoir characterisation ○ Prospect Generation and Maturation/evaluation.
Bahrain Petroleum Company (Bapco), Kingdom of Bahrain (National E & P Company)	June 1998 – Sept 2012	<ul style="list-style-type: none"> ○ 2D & 3D Seismic interpretation includes structural & Stratigraphic. Time to Depth Conversion, Seismic attribute analysis, Seismic facies, Seismic Inversion studies. ○ Reservoir characterisation. ○ 2D/3D Seismic Data Acquisition & Seismic Data Processing Planning, Supervision & QC. ○ Liaison with IOC operators in all technical issues and presenting and attending MCM Meetings. ○ Data Room Management of Bid Open Bid Blocks.
Oil India Limited, (OIL); India (National E & P Company)	May 1985 - May 1998	<ul style="list-style-type: none"> ○ 2D & 3D Seismic interpretation includes Structural & Stratigraphic, bring out the structural style and Geological Model. ○ Velocity Analysis, Time to Depth Conversion. ○ Reservoir Characterisation. ○ 2D/3D Seismic Data Acquisition & Processing, Planning, Supervision, Party Manager/Chief & QC.
National Geophysical Research Institute	May 1983 - April 1985	<ul style="list-style-type: none"> ○ Integrated Geophysical Studies for Mineral Exploration.

KEY COMPETENCE:

- 38 years of professional experience as a Geophysical specialist in Hydrocarbon Exploration and Development; majority of my experience is as a 4D/3D/2D Seismic Data interpreter using UNIX/Linux/Window based workstations, a successful track record with independent oil and gas companies.
- Discovered new Oil & Gas plays in Upper Assam Clastic reservoirs; discovered new low relief structural Carbonate Oil play in Arabian Gulf (Bahrain); Discovered oil in Stratigraphic plays in Clastic reservoirs in Malay Basin in Malaysia.
- Extensive exposure to Carbonate and Clastic Sequence interpretation.
- Experience in Asset based multi-disciplinary team.
- Achievements include new discoveries and reserves accretion.
- Recipient of four certificates of merit from the higher management in recognition of meritorious work in Bahrain Petroleum Company (Bapco), Bahrain & Oil India Limited (OIL), India.

- Presented number of technical papers based on the new innovation from successful completed seismic interpretation projects in international conferences.
- Structural and Stratigraphic interpretation of 2D & 3D seismic data using Petrel, Geoframe/IESX, Stratimagic and SIDIS software's with CPS-3 & Zmap mapping packages.
- Good Interpretation skills and capabilities of handling Leading Geophysical software's confidently.
- Synthetic Seismogram Preparation, Well to seismic Calibration.
- Velocity modelling, Time-to-Depth conversion.
- Experience in evaluating low relief structural prospects, and familiarity with near-surface static and velocity problems.
- Seismic attribute analysis, Spectral Decomposition, Seismic Facies classification, Seismic Inversion, QI studies and 3D visualisation.
- Reservoir characterisation for conventional and unconventional.
- Prospect generation and evaluation.
- Generation of exploratory locations and review of development locations with additional well control/seismic data; provide drilling support, monitoring wells during drilling activities.
- Generation of development locations and geosteering support for high angle wells/horizontal wells.
- Liaison with operator of the Blocks in all technical issues including presentation & Management Committee meetings, Resource assessment for JV Projects.
- Proposing and planning the acquisition of VSP data.
- Coordination of 2D/3D seismic Data Processing through Contracts and on-line quality control including selection of various processing parameters.
- 2D/3D seismic data processing using Geomaster-II and Promax.
- Coordination of 2D/3D seismic Data Acquisition through Contracts and on-line quality control including selection of various Acquisition parameters.
- 2D and 3D seismic data acquisition in onshore/Offshore areas.
- Data Room handling & Management of Biding Open Blocks.
- Extensive experience as team leader & Coach with planning, monitoring, mentoring juniors & new recruits.
- Coordinating & managing at various levels with internal & External parties/Contractors on various technical issues.
- Result oriented focused.
- Well versed with UNIX, Window and Linux based workstations and Microsoft Office.

CAREER HISTORY:

July 2017 – July 2020:

Chief Geophysicist,

Sterling Oil Exploration & Energy Production Company Limited (SEEPCO) & Geo Seismic Survey Limited (GSSL), Lagos, Nigeria.

Responsibilities include:

- Structural and Stratigraphic interpretation of 2D & 3D seismic data of Nigeria Onshore data from Niger Delta area by using Petrel software.
- Calibration of Well to seismic data.
- Carried out Velocity Modelling, Time to Depth Conversion.
- Seismic attribute analysis, Seismic facies classification, Spectral Decomposition for identification of Stratigraphic, Seismic Inversion/Quantitative Interpretation.
- Prospect generation & evaluation.
- 2D/3D Seismic Data Acquisition & Planning, Supervision and QC of Acquired Data.
- 3D Seismic data Processing/Reprocessing and QC of Processed Data.
- Coaching/mentor to the junior staff and Trinees.

December 2015 – December 2016:

Geophysical Specialist,

Bahrain Petroleum Company (BAPCO), Kingdom of Bahrain.

Responsibilities include:

- Structural and Stratigraphic interpretation of 2D & 3D seismic data of Bahrain Onshore data from Arabian Gulf by using Petrel software for Deep target Zones.
- Calibration of Well to seismic data.
- Carried out Velocity Modelling, Time to Depth Conversion.
- Seismic attribute analysis, Seismic facies classification, Spectral Decomposition for identification of Stratigraphic, Seismic Inversion/Quantitative Interpretation.
- Prospect generation & evaluation.
- Conducted Data Room for Promotion of Bid Blocks.
- Coaching/mentor to the junior staff.

October 2012 – October 2015:

Staff Geophysicist,

Petronas Carigali, Kuala Lumpur, Malaysia.

Responsibilities include:

- Structural and Stratigraphic interpretation of 2D & 3D seismic data of Malaysian Basin by using Petrel software.
- Calibration of Well to seismic data.
- Carry out Velocity Modelling, Time to Depth Conversion.
- Seismic attribute analysis, Spectral Decomposition for identification of Stratigraphic, Quantitative Interpretation (QI),
- Prospect Generation and Evaluation, generation of exploratory locations,
- 2D/3D Seismic Data Acquisition & Processing Planning, Supervision & QC.
- Coaching/mentor to the junior staff.

June 1998 – September 2012:

Senior Geophysicist, Bahrain Petroleum Company (BAPCO), Kingdom of Bahrain.

Responsibilities include:

- Structural and Stratigraphic interpretation of 2D & 3D seismic data of Bahrain Onshore and Offshore data from Arabian Gulf by using Geoquest (Geoframe/IESX) and Stratimagic software's with CPS-3 mapping package.
- Carried out Velocity Modelling, Time to Depth Conversion.
- Seismic attribute analysis, Seismic facies classification, Seismic Inversion studies by using Hampson & Russell software.
- Prospect generation & evaluation, generation of exploratory and development locations, review of released locations with updated well/seismic data models.
- Reservoir characterisation & review of development Locations using Attributes.
- Associated with Bahrain onshore/offshore 2D/3D seismic data processing contracts at various levels including the selection of parameters/steps/Q.C.
- Conducted Data Room for Bid Blocks. Coordination of Data Rooms for Promotion of Bidding Blocks.

May 1985 – May 1998:

Superintendent/Dy.Chief Geophysicist, Oil India Limited, Duliajan, Assam, India.

Responsibilities include:

- Structural and Stratigraphic interpretation of 2D & 3D seismic data by using Geoquest's IES system and SIDIS software's with Zmap mapping package of Onshore data from Assam/AP, India.
- Economic and Risk analysis.
- Planning and implementation of various onshore 2D & 3D seismic data acquisition programs. Worked as Party Manager/Party Chief and Observer, responsible for quality of data and handling the crew in an efficient way for successful field operations in Assam/AP of North East India.

- Supervision & managing of Seismic Data Acquisition program carried out by International company (CGG) at OIL's Rajasthan Desert area in India.
- 2D & 3D Seismic data processing jobs in-house with Promax Software. Carried out seismic data processing from various terrains of onshore and Offshore data.

May 1983 – May 1985: Senior Research Scholar

National Geophysical Research Institute (NGRI), Hyderabad, India.

- Integrated Geophysical studies for Mineral exploration.

PAPERS PUBLISHED

- ✓ C.Bapu Reddy et al 1999: Amplitude versus Offset (AVO) study in Gas sand – A case study from Upper Assam, India, Proceedings of 3rd International Conference and Exposition, Society of Petroleum Geophysicists, Delhi, India.
- ✓ C.Bapu Reddy et al 2001: Seismic multiple attenuation in Bahrain area, presented in second GCC Forum, Abu Dhabi, UAE.
- ✓ C.Bapu Reddy et al 2002: Imaging of Permian fault system – a 3D seismic case study in Bahrain onshore, presented in GEO-2002 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2002: 3-D seismic Characterization of a Permian (Khuff II) gas reservoir in Awali field of Bahrain, presented in GEO-2002 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2003: 3-D seismic Characterization of a Unayzah gas reservoir in Awali field of Bahrain, presented in GCC Palaeozoic play Forum, Bahrain.
- ✓ C.Bapu Reddy et al 2004: 3-D seismic Characterization of a Nahr Umr reservoir in Awali field of Bahrain, presented in GEO-2004 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2004: Potential opportunities below OWC of ArabD reservoir, Awali field, presented in GEO-2004 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2006: Imaging of Cretaceous fault system – a 3D seismic case study in onshore Bahrain, presented in GEO-2006 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2008: Delineation of Upper Unayzah reservoir sand from Seismic Inversion – A Case study from Awali field, Bahrain, presented in GEO-2008 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2008: Role of Regional structural elements in the Hydrocarbon prospectivity of Bahrain Offshore Blocks, presented in GEO-2008 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2008: Tracing Unayzah reservoir potential from the field to the flanks of Awali structure, presented in OAPEC-2008 Conference, Bahrain.
- ✓ C.Bapu Reddy et al 2009: Paleozoic Hydrocarbon Potential of Onshore Bahrain, presented in Paleozoic Clastic Gas Reservoirs of the Gulf Workshop-March

2009, Bahrain.

- ✓ C.Bapu Reddy et al 2010: Hydrocarbon Potential of Devonian Sequence- A Case study from Awali Field, Bahrain, presented at Society of Petroleum Engineers (SPE) held in Manama, Bahrain during 24-26 January 2010.

MEMBERSHIPS

- Society of Exploration Geophysicists (SEG)
- Association of Exploration Geophysicist, India.
- Bahrain Geoscience Society, Bahrain.

REFEREES

- 1 .Dr.Satyabrata Nayak,
Principal Geoscientist
Petronas Carigali, Kaulalumpur, Malaysia
Email:satyabrata.nayak@inbox.com
2. Mr.Naga Raju, Geophysical Specialist
Sterling Oil Exploration & Energy Production Company Limited (SEPCO),
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GENERAL INFORMATION:

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Citizenship: India,

Marital status: Married

Status of availability: Available within Short notice