

# From the Editor's Desk



Dear SPGcians and fellow geoscientists,

As you are aware, Society of Petroleum Geophysicists (SPG), India is organizing its 11th Biennial International Conference & Exposition "Jaipur 2015" during December 4-6, 2015 at JECC, Jaipur, Rajasthan with the theme "**Solutions through Technologies: Uncertainty to Possibility**". Number of multinational companies including E&P, service providers and professional institutes are participating in the conference & exhibition.

This issue of Geohorizons presents five papers ranging from delineation of probable gas charged geobody using multi-stack inversion, hydrocarbon prospectivity of Tripura fold belt, advantages of syn-drill seismic imaging through seismic guided drilling, quantitative estimation of reservoir properties using multi-mineral probabilistic models, and prediction of depth and velocity using look-ahead VSP inversion to reduce drilling uncertainties. Some of the papers of this issue have already been presented in earlier SPG conferences.

S. K. Singh et. al. in the paper entitled "Delineation of Probable Gas Charged Geo-Body within Panna Formation of Western Offshore Basin, India" brought out sizeable gas charged geo-body within Panna formation of Heera-Panna-Bassein tectonic block using probabilistic approach.

A. K. Jena et. al. in the paper entitled "Hydrocarbon Prospectivity of Khubal Structure and its adjoining Area of Tripura Fold Belt - Some Key Issues" stressed that a careful exploration strategy should be adopted to identify the vertico-lateral dispersal of discrete sands and their entrap model rather than puncturing anticlinal heights.

C. V. Rao et. al. in the paper entitled "Syn-drill Seismic Imaging through Seismic Guided Drilling A Case history from East coast India Deep Water Example" brought out the advantages of seismic guided drilling in the form of identification of shallow hazard zones, more accurate well trajectory, pore pressure prediction with real time updates which will reduce the exploration and drilling risks to greater extent especially in complex geological scenario.

S. Kunduet. al. in the paper entitled "Estimation of Reservoir Properties from Well Log Analyses: A Case Study from Schuppen Belt Area" emphasis on the methodology for quantitative estimation of petrophysical parameters using multi-mineral probabilistic models for better reservoir characterization.

M. L. Khaitanet. al. in the paper entitled "Successful Prediction of Depth and Velocity using Look-Ahead Vertical Seismic Profile Inversion to Reduce Drilling Uncertainties" tries to establishes Look Ahead VSP as prime risk mitigation tool, especially in an exploratory environment. However its accuracy decreases with the depth, so its confidence can be increased by combining other data such as Seismic Velocity, offset well information, and real time drilling information including LWD logs.

Various activities are also growing in number in different chapters of SPG throughout the length and breadth of the geographical area. An effort has been made to cover these events briefly in the journal. I look forward to frequent organizing of these technical lectures, workshops and interactive meets as fora of knowledge sharing and dissemination to make society's chapters vibrant and pulsating knowledge centres.

I take this opportunity to welcome you all to the 11th Biennial International Conference & Exposition "Jaipur 2015" during December 4-6, 2015 at Jaipur, and request all to make it a grand success with highest level of interactions with the mixed bag of experienced and budding geo-scientists. I also expect your contribution in the form of papers to the following issues of Geohorizonsto make this journal more vibrant.

With the untiring efforts of team SPG India, I am hopeful that your visit to JAIPUR 2015 will make the event memorable.

With warm regards,



(C Visweswara Rao)