

SPE/PAPG Annual Technical Conference 2013

**Islamabad, Pakistan
26 – 27 November 2013**

ISBN: 978-1-5108-4540-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2013) by Society of Petroleum Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2017)

For permission requests, please contact Society of Petroleum Engineers
at the address below.

Society of Petroleum Engineers
P. O. Box 833836
Richardson, Texas 75083-3836

Phone: (800) 456-6863
Fax: (972) 952-9435

books@spe.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Application of Electronic Pressure Pulse Operated Firing Head for Perforating Solution in Low Pressure Constraint Job.....	1
<i>M. Aslam, M. Rana, M. Butt, H. Raja</i>	
Development of a Scratching Cell for Predicting Near Wellbore Rock Strength.....	5
<i>I. Ali, M. Al-Awad</i>	
Economic Evaluation of Oil and Gas Project Acknowledging Reserves Risk Premium.....	13
<i>I. Memon, M. Yousaf, A. Wadood, J. Ahmed, A. Qayyum</i>	
Effective Exploitation of Tight Gas Reservoirs Using Integrated Asset Modelling (IAM) Approach	19
<i>M. Taha, S. Khokhar, M. Iqbal, S. Chughtai, M. Umair, M. Virk</i>	
Environmental Approach of Micro-Hole Drilling Technique for Hydrocarbon Recovery using Micro-Instrumentation	35
<i>U. Ansari, A. Tunio, A. Channa</i>	
Evaluating Hydraulic Fracture Properties Using Well Test Analysis on Multi Fractured Horizontal Wells	48
<i>K. Imam</i>	
Finding Suitable Acid for Acidizing of Low Permeable Sandstone Formation: A Research	64
<i>M. Shafiq, M. Shuker</i>	
Gas Migration Prevention Using Hydroxypropylmethylcellulose as a Multifunctional Additive in Oil Well Cement Slurry	74
<i>G. Abbas, S. Irawan, S. Kumar, M. Khan, S. Memon</i>	
Increasing the Profits and Production of Mature Fields through Opti-mized Jet Pump Design & Operational Considerations – A Case Study	84
<i>S. Ahmed, K. Farouque, S. Saleem, S. Ali, M. Ahmad, M. Ahmed</i>	
Industry Practices of Sour Gas Management by Reinjection: Benefits, Methodologies, Economic Evaluation and Case Studies.....	93
<i>M. Siddiqui, W. Saleem, M. Jafri, Q. Hafeez</i>	
Utilization of Coal Deposits of Thar Colliers with Underground Coal Gasification, Opportunities and Challenges in Syngas Generation	105
<i>I. Khurshid, M. Baig, J. Choe</i>	
Author Index	