

PAPG/SPE Pakistan Section Annual Technical Conference and Exhibition 2017

Islamabad, Pakistan
22 – 23 November 2017

ISBN: 978-1-5108-5995-1

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© (2017) by Society of Petroleum Engineers
All rights reserved.

Printed by Curran Associates, Inc. (2018)

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

Case Study - Bhit Gas Field Compression for Recovery Enhancement	1
<i>N. Shah, W. Kalhoro, G. Maniscalco, C. Giacomo, S. Haider, A. Qureshi, S. Zahidi</i>	
Case Study on Successful Deployment of Open Hole Multi Stage Fracturing Completion at a Mature Gas Condensate Field in Pakistan	8
<i>S. Farid, H. Ahmed, S. Mangi, S. Ali, I. Ahmed, A. Mahmood</i>	
Drilling and Well Engineering Management System - An Innovative Project Management Approach for Efficient Drilling	21
<i>S. Ullah, S. Zahid, N. Hasan, M. Ali</i>	
Estimation of GIIP & Aquifer Strength in Stacked Reservoirs using Allocation Tool: A Case Study	35
<i>T. Pervez, J. Zafar, A. Azeem</i>	
Evaluation of Gas Assisted Gravity Drainage (GAGD) Using CO₂ in a Limestone Formation through Compositional Simulation	52
<i>M. Munawar, D. Rao, M. Khan</i>	
Evolution of HSE and Future Challenges in the E&P Sector of Pakistan	61
<i>N. Subhani, M. Khan</i>	
Fracture Evaluation & Design System (FEDS): Integration of Nodal Analysis With Frac Model To Better Predict Post Frac Production	69
<i>I. Tayyab</i>	
Improved Oil Recovery through Cost Effective In-Situ Gas Injection - A Case Study of Badin	80
<i>M. Noman, F. Mehmood, W. Ghouri</i>	
Production & Reserves Allocation Using a Molar Equation in Gas Condensate Fractured Reservoir Without PSP Survey	93
<i>M. Shahid, K M. Akhtar, M. Shakeel</i>	
Quantification of Reservoir Flow using Noise and Temperature Logging	101
<i>M. Hammad, M. Ahmad, S. Siddiqi, A. Siddiqui, R. Kuzuyutin</i>	
Remedial of Salt Scale Problem in Gas Wells Through Salt Sticks	113
<i>M. Uddin, Z. Khan, I. Tayyab, Q. Azam, N. Ahmed</i>	
A Review Paper on the Application of Deconvolution Technique in Well Test Analysis: Tal Block Pakistan Case Study	126
<i>M. Tauqeer, S. Arshad, Z. Ahmed, J. Ahmed</i>	
Stochastic Optimization Approach To Surfactant-Polymer Flooding	134
<i>H. Ahmed, A. Awotunde, A. Sultan, H. Al-Yousef</i>	
A Study on the Use of Multiphase Flow Meters for Complex Condensate Production Testing in Pakistan	168
<i>M. Waseem, M. Butt, A. Abbas, R. Javed, M. Awan, A. Nawaz</i>	
A Success Case of Water Blockage Treatment at Gas Well Through Alcohol Based Recipe	176
<i>Z. Khan, M. Noman, A. Hadi</i>	
Successful Planning and Execution of a Waterflooding Project To Improve Oil Recovery in a Heterogeneous Reservoir	187
<i>S. Abid, W. Khalid, T. Khan, A. Awase</i>	
Temperature Simulation: An Integrated Approach	201
<i>H. Ahmed, S. Ali, M. Ansari, S. Farid, M. Khan, A. Shaukat, A. Jamil</i>	
Author Index	