

Rosita Hamidi

Birth Date-Place: 6 March 1984- Mashad (Iran)

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SUMMARY

Eight years of experience in exploration with three years evaluation of proposals by drilling and petroleum engineering departments for exploration prospects. Follow up and control of drilling procedure of the exploration wells based on pre-established plans and similar conditions in nearby wells including petrophysics and well testing data. Preparing the Exploration reports including economic evaluation before and after drilling. More than one year working on seismic data processing during my PhD degree targeting the seismic noise attenuation (ground roll). More than three years of reservoir characterization, description and hydrocarbon volume calculation, based on rock physics studies, fluid properties, pressure, temperature and the patterns, fluid contacts, aquifer existence and type.

WORK EXPERIENCES

Year	Position	Employer
2016-present	Research and development expert	Geophysics Department – NIOC Exploration Directorate
2013-2016	Projects technical and economic evaluation expert	projects economic and technical assessment department – NIOC Exploration Directorate
2012-2013	Seismic data processing	Geophysics Department – NIOC Exploration Directorate
2008-2012	Reservoir engineer	Petroleum Engineering Department – NIOC Exploration Directorate

EDUCATION

PhD in Petroleum Engineering- Exploration

Jan 2009 – May 2013 AmirKabir University (Tehran Polytechnic), Tehran, Iran

Thesis Subject: Eigenimage Wavelet Transform application in ground roll attenuation in exploration seismology

MSc in Petroleum Engineering- Exploration

Sep 2006 - Oct 2008 AmirKabir University (Tehran Polytechnic), Tehran, Iran

Thesis Subject: Suppression of ground roll in reflection seismology using Karhunen-Loeve transform

BSc in Petroleum Engineering- Exploration

Sep 2002 - Aug 2006 Petroleum University of technology, Ahwaz, Iran

Thesis Subject: Minimum miscibility pressure determination of N2 injection

PAPERS

Karimi, H., Gholami, A., and Hamidi, R., 2015, Matrix inversion based deblending: Scientific- Propagative Journal of Oil & Gas Exploration, **120**, 50-55 (In Persian).

Hamidi, R., Javaherian, A., and Reza, A. M., 2013, Comparison of 1DWT and 2DWT transforms in ground roll attenuation: Journal of Seismic Exploration, **22**, 49-76.

Hamidi, R., Javaherian, A., and Reza, A. M., 2013, Eigenimage wavelet transform for ground roll attenuation: a case study on an Iranian oilfield: Journal of Seismic Exploration, **22**.

Hamidi, R., Javaherian, A., and Reza, A.M., 2012, Ground roll attenuation based on a hybrid wavelet transform and singular value decomposition, Istanbul International Geophysical Conference and Oil & Gas Exhibition, Istanbul, Turkey, 17-19 September 2012.

Hamidi, R., and Javaherian, A., 2010, Rayleigh wave attenuation in reflection seismology by K-L transform: 14th Iranian Geophysics Conference, Tehran, Iran, 11-13 May 2010 (In Persian).

OTHER CERTIFICATES

PETREL-Process Management & Uncertainty Analysis	10-12 Jan 2012
PETREL- Reservoir Engineering	9-13 Oct 2010
ECLIPSE Black Oil	19-23 Jun 2010
SCAL (ECLIPSE)	13-14 Oct 2009
PVTi (ECLIPSE)	10-12 Oct 2009

September 2013

Lecturer of “Reservoir Engineering for geophysicists” training course at NIOC exploration directorate

Jan 2010 – Jan 2012

Team Member of the research project “Noise Attenuation of Dara wide line project”:

- Study of the source of high amplitude noise in Dara seismic data

Jul 2005 – Aug 2005

National Iranian South Oil Company internship - Reservoir Engineering Department:

- Pressure decline study of Maroon oil field

Jul 2004 – Aug 2004

National Iranian South Oil Company internship - Geology Department:

- The geological study of Ahwaz oil field in the development phase

Mar 2003 – Oct 2003

Member of the student scientific association of Petroleum University of technology- Abadan College:

- Establishment and publication of the Dr. OIL scientific journal

LANGUAGES

English	IELTS Overall Band Score 7.5
Spanish	good knowledge (B1 DELE certificate)
Persian	mother language

OPERATING SYSTEMS, PROGRAMMING AND SOFTWARE

Windows

Linux

Matlab

C and C++

Arcgis