

# Xiaoni Hu

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## **EDUCATION BACKGROUND**

Geology, PhD, University of Wyoming (anticipated graduation date:07/2019)

Major: Sedimentology                      Advisor: Paul L. Heller

Geological Engineering, Bachelor, China University of Petroleum (Beijing), 06/2013

GPA: 3.79/4.0

English (minor), Bachelor, China University of Petroleum (Beijing), 06/2013

## **RESEARCH EXPERIENCE**

09/2014- present University of Wyoming, Advisor: Paul L. Heller

Reconstructing paleoelevation of the Laramide orogeny

- ♦ Using regional isostasy to calculate the Eocene height of Bighorn Mountains

12/2012-12/2013 China University of Petroleum (Beijing), Advisor: Huaimin Xu

Research on Donghe Reservoir in Tarim Basin, China

- ♦ Characterized interbedded sandstone and shale through well-logs and core
- ♦ Evaluated properties and connectivity of the reservoir

10/2012-06/2013 China University of Petroleum (Beijing), Advisor: Huaimin Xu

Research on enhanced recovery of Donghe oil field in Tarim Basin, China

- ♦ Used well-logs and dynamic curves to predict flow channels in Donghe Reservoir
- ♦ Made suggestions about perforations in wells to maximize production

11/2010-09/2012 China University of Petroleum (Beijing), Advisor: Xianzhi Gao

Research on oil migration in Gaoyou Depression, China

- ♦ Investigated possible patterns of oil-gas migration system
- ♦ Analyzed the change of oil composition, oil maturity, water salinity, crude oil density and nitrogen-containing compounds during migration.

## **INTERNSHIP EXPERIENCE AND RELEVANT COURSEWORK**

07/2013-08/2013 Schlumberger D&M (Drilling & Measuring) Segment at Tangu Base

- ♦ Analyzed geologic features and provided well placement for drilling of directional well using MWD (measuring while drilling) data.

06/2012-08/2012 China National Petroleum Corporation, Shu'nian Gas-mine Field, Southwest Oil& Gas Field Branch Company

- ♦ Participated in studying strata and sedimentary facies of unconventional resource;
- ♦ Identified sedimentary facies of Longmaxi Formation in Weiyuan through well-logs and well-test data.

08/2012 China University of Petroleum, Workshop Practice of Industrial Geology of Petroleum

- ♦ Learned drilling, logging, coring processes on drill site.
- ♦ Analyzed subsurface formation based on core.

07/2011-08/2011 China University of Petroleum, Integrated Geological Practice in Qinhuangdao

- ♦ Mapped and Interpreted strata and structure in North China Platform;
- ♦ Compiled synthetic strata histogram and stratigraphic profile of Liujiang district.

## **HONORS AND AWARDS**

09/2012 First Prize (Individual) of Field Geological Skills Competition in the Second National Collegiate Geological Skills Contest

05/2012 Final First Prize of Geological Skills Competition of China University of Petroleum

04/2012 Second Prize of National English Contest