



Sharon Langston

Function: Development Geologist

Experienced in Conventional and CSG reservoirs

Career Interests

- The challenge of working, developing and further optimising mature basins/assets
- Reservoir characterisation / static modelling / reserves assessment
- Particular enjoy the challenges in modelling deltaic and meandering river systems, and deciphering connectivity in limited aquifer supported systems
- The challenges and rewards of interpreting and integrating multiple data forms
- Petrology - including thin section and SEM
- Sedimentology - core logging
- Mentoring junior staff and students
- Enjoy getting my hands dirty in the field whilst having my work tested by the rotary lie detector

Demonstrated Abilities

Technologies:

- Petroleum Geology
- Sedimentology, Core Logging
- Reservoir Modelling
- Offshore Drilling
- Reservoir Management
- Well logging
- Petrophysics
- Petrology, thin section and SEM

Specialities:

- Field Development and Planning
- Reserves/Resource assessment
- Reservoir Characterisation and Modelling
- Assessing NFEs and inwellbore opportunities
- Geology

Basins:

- Bowen Surat
- Amadeus
- Cooper Eromanga
- Carnarvon
- Papuan

Software

Technologies:

- Petrel
- Geoframe
- Petrosys
- Dbmap
- Geolog
- Paradigm suite
- Internet, E-mail, Word, Excel and PowerPoint



Employment History

- 2012 - 2015 **Senior Development Geologist**
Santos Ltd
 - Papua New Guinea assets
- 2010 - 2011 **Senior Development Geologist**
Santos Ltd
 - Cooper / Eromanga basins (oil assets)
- 2008 - 2009 **Senior Development Geologist**
Santos Ltd
 - Carnarvon Basin Assets
- 2003 - 2007 **Geologist/Senior Geologist**
Santos Ltd
 - Bowen / Surat and Amadeus basins assets

Education and Training

- 1997-2001 **B.App.Sc.Hons, Geoscience - First Class Honours**
Queensland University of Technology

Honours and Awards - University and Industry

- 2001 Dean's award for excellence
- 2001 PESA - Post-graduate scholarship for research in petroleum geoscience - one of top five candidates in Australia
- 2000 Geological Society of Australia Medal
- 2000 MIM Holdings Limited Prize for geological mapping
- 2000 Dean's award for excellence
- 2000 Dean's list for achieving greater than a GPA of 6 (from 7)
- 1999 PESA Sedimentary geology award
- 1999 Dean's merit award
- 1999 AusIMM education scholarship
- 1998 AusIMM bursary
- 1998 Prospectors earth sciences prize
- 1997 AusIMM bursary

Career Highlights

- 2008 - Opportunity as wellsite geo on offshore horizontal drill
- 2009 - Speaking at the Women in Industry luncheon for the South Australian Chamber of Commerce and Industry



2011 - Giving a presentation on the appraisal and development of the Cook Field, Eromanga Basin at the annual Santos G&E conference

2014 - Co-author of ProbGRV paper for presentation at APPEA conference

Referees

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