Voluntarily Taking An Exam? Am I Crazy?

Insights on becoming a PPDM Certified Petroleum Data Analyst

Alex Ross, CPDA
11th August 2017
PPDM Perth Data Management Workshop
Acknowledgements

• Ingrid Kristel, PPDM
• Members of the PPDM Certification Committee
• Feedback from fellow CPDAs
• South Australian Government – Minerals & Energy Resources Division
Motivations

Why would a middle aged geologist, who has worked pretty much all his career in oil & gas geoscience software, data and information, want to take another exam....didn’t those finish when I completed university?
1. Apply
2. Revise
3. Take exam
4. Maintain
In order to successfully complete the exam and maintain the CPDA designation, candidates will require a minimum of 5 years of combined education and experience.
Revision

Demonstrated competency in 8 areas
Revision

PPDM Certification Handbook
A must read!
Revision

Data Management Association (DAMA)

Data Management Overview
Data Governance
Data Architecture Management
Data Development
Data Operations Management
Data Security Management
Reference and Master Data Management
Data Warehousing and Business Intelligence
Document and Content Management
Meta-data Management
Data Quality Management
Revision

DGI Data Governance Framework

Data Governance Focus Areas

- Policy, Standards, Strategy
- Data Quality
- Privacy / Compliance / Security
- Architecture / Integration
- Data Warehouses and BI
- Management Support
The Exam

My first reaction when I see the question paper
Exam Content

200 multiple choice questions. 2 hours then 15 minute break, then 2 hours

• Big picture
  • Overall lifecycles: Data, well, E&P
  • Multi-discipline: Geology, geophysics, engineering, land, data management, IT, geospatial

• Specifics
  • File formats
  • Wellhead configuration
  • Use of well log curves
  • Handling tight hole data
  • Scenarios (“What is the best thing to do here?”)
Sample question

In a joint operating agreement, which of the following describes an operator?

A) It has the largest percentage share.
B) It performed the original exploration.
C) It is in charge of the day-to-day operations.
D) It owns the lease or license.
Sample question

In a joint operating agreement, which of the following describes an operator?

A) It has the largest percentage share.

B) It performed the original exploration.

C) It is in charge of the day-to-day operations.

D) It owns the lease or license.
Sample question

Which of the following is an accurate sequence of dates for a well?

A) Permit date, spud date, rig release date, and completion date
B) Spud date, permit date, rig release date, and completion date
C) Spud date, permit date, completion date, and rig release date
D) Spud date, rig release date, completion date, and permit date
Sample question

Which of the following is an accurate sequence of dates for a well?

A) Permit date, spud date, rig release date, and completion date
B) Spud date, permit date, rig release date, and completion date
C) Spud date, permit date, completion date, and rig release date
D) Spud date, rig release date, completion date, and permit date
Maintaining your certification
PROFESSIONAL DEVELOPMENT UNITS (PDU)

CRITERIA FOR PROFESSIONAL DEVELOPMENT UNITS

The required 120 units of professional development over 3 years must be related to petroleum data management, and will be evaluated on the following weighting:

- **Demonstration of skill enhancement** - 80% (96 hours)
  
  For example: education, training courses, etc.

- **Other professional development** - 10% (12 hours)
  
  Examples include volunteering, writing papers, mentorship, belonging to other organizations, presentations, panels, course building, or committee work.

- **Work experience** - 10% (12 hours)
  
  For example: updated CV/résumé as demonstration that you continue to work in the petroleum data management field, with one reference to validate.
Outcomes

- Growing cadre of CPDAs worldwide
- Joined the PPDM Professional Data Management Committee
CPDA PROFESSIONALS AROUND THE WORLD

CPDA’s Worldwide:
As of August 2017
43 CPDA qualified professionals in 9 countries
9 certified with distinction
None in Perth....so far
If I did it again I’d....

• Spend more structured time revising
• Read more detailed ‘how to’ presentations from PPDM
• Repeat the Brisbane ‘rocks & beer’ PPDM field trip
In summary

CPDA’s are a growing cadre worldwide
With the right experience and commitment you too can do it
Follow your passion
Stand out from the crowd
Be proud of what you do
It’s a professional career
Upcoming CPDA Exams

November 8, 2017
September 27, 2017 - Application Deadline

March 7, 2018
January 24, 2018 - Application Deadline

June 6, 2018
April 25, 2018 - Application Deadline

November 14, 2018
October 3, 2018 - Application Deadline
For Further Information

PPDM certification overview
PPDM certification handbook
Questions to the PPDM certification registrar: certification@ppdm.org
Thankyou

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### CPDAs as of August 2017

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