Title:

Datamining template v2

Lineage:

**Status [**Original (source data) or Intermediate (created from source data for BA)]:

Intermediate

**Input [**Only for Intermediate data**]:**

Well Completion Reports

Abstract:

This dataset is a digital summary of all the tests carried out on petroleum and CSG wells in the Gailee subregion contained in the Well Completion Reports (WCRs) of the QDEX database

This dataset contains Drill Stem Test (DST) and other formation tests results from the WCRs and CSIRO PressurePlot formation (horner) pressures. **T**he process used to produce the dataset is described in the History metadata section

Purpose:

This dataset was created to provide a summary of the types information available for each well to be used in various different products including Galilee DST data (reference to dataset).

History:

All wells in the Galilee subregion were identified from petroleum & CSG well shape files downloaded from IRTM website 12th Nov 2013.

For the wells with an open file (publically accessible) Well Completion Report (WCR) the report was downloaded. The types of test completed on the well and the availability of the results vs raw data was recorded in the data index worksheet.

Information recorded for each well in the data index:

* Company
* Drill date
* Total depth
* Ground level
* Drilling data
* Drilling target
* Are there results for the following tests?
  + Core taken?
  + Fracture stimulation reports
  + Composite/formation(interpreted) logs
  + Interpreted rock properties
  + Formation Micro imagery / Acoustic scanner
  + Drill stem tests (DST) /formation tests results
  + Drill stem test interpretation
  + Water analysis
  + Gas isotopes
  + Gas desorption
  + Adsorption isotherm analyses
  + Proximate Analysis (Coal Quality, e.g. moisture, ash, )
  + Vitrintie reflectance
  + Coal petrology or petrography reports
  + Palynology

The DST results were manually entered for each well that had them (these were used to construct Galilee DST Data). The stratigraphy information for each well was manually entered (values in feet were converted in metres). For a small number of wells water analysis data, isotopic gas analysis and gas composition data was also manually entered.

CSIRO PressurePlot DST was downloaded and added to this dataset as a separated worksheet.