



Resource and Tenure

Queensland Murray-Darling Basin statistics

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Table 1 Change in Mining Tenure in the Queensland Murray-Darling Basin

	Lease	Status	Area (Ha) March 2011	%Change (Feb 2010)
Exploration	Coal epc	Application	2,064,038	↓68%
		Granted	5,353,290	↑86%
	Petroleum epp	Application	9,269,351	↑96%
		Granted	8,200,772	↓8%
	Mineral epm	Application	471,355	↓53%
		Granted	8,200,772	↑1502%
MDL	Min. Develop. Lic	Application	97,121	↑27%
		Granted	88,878	-
ML	Mining Lease	Application	32,777	↑11%
		Granted	13,867	-
Queensland Murray-Darling Catchment			25,951,163	

Groundwater Bores

Data summarised from the Groundwater Database which stores all Queensland groundwater resource information, including, water level, water quality, construction, pump and flow test, elevation, location, strata, stratigraphy and aquifer details, bore condition, casing and wireline. The database also has a number of support tables to record information on maps, water level measurement runs, validation dates, geological formations and Great Artesian Basin rehabilitation work. The system operates and is maintained in 17 offices throughout Queensland. It is extensively utilised by scientific staff, the mining industry, and engineering consultants. Beginning data 1890. Dataset created and owned by Natural Resources and Mines for the State of Queensland. Dataset supplied 2004.

Resource Tenure

Data downloaded from the IRTM portal 04/03/2011 http://www.dme.qld.gov.au/mines/tenure_maps.cfm , processed in ArcGIS by adding Basin Attribute, then exported to MS_Excel for pivot summary.

Coal Seam Gas wells

Coal Seam Gas well locations in Queensland. The purpose is to illustrate the distribution of coal seam gas exploration and development in Queensland. Data updated frequently and is provided as an estimate only.

Table 2 CSG wells by type

Basin	Queensland Murray-Darling Basin
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Row Labels	Number of CSG wells	
	Nov 2010	March 2011
APPRAISAL	480	521
DEVELOPMENT	797	812
EXPLORATION	353	362
GINJ		2
Grand Total	1630	1697

Table 3 CSG wells by result

BASIN	QMDB
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Row Labels	Number of wells
COAL	6
COAL SEAM GAS	179
DRY PLUS GAS SHOW	4
GAS	725
NO COAL INTERSECTED	1
NO HYDROCARBONS	21
OIL	4
UNKNOWN	757
Grand Total	1697

Petwells

Petroleum well locations in Queensland. Purpose is to identify where petroleum exploration and production wells have been drilled. Data update frequency: Daily. Created by the Geological Survey of Queensland, DME 2001.

105 operators with 1361 wells in the QMDB

Table 4 Petroleum Wells by type

BASIN		Queensland Murray-Darling	
Row Labels	Count of petroleum wells		
	Nov 2010	March 2011	
INJ		1	
APPRAISAL	396	396	
DEVELOPMENT	124	124	
EXPLORATION	835	836	
SCOUT	4	4	
Grand Total	1362	1361	

Table 5 Petroleum Wells by Result

BASIN		QMDB	
Row Labels	Count of RESULT		
	DRY PLUS GAS SHOW		184
DRY PLUS OIL AND GAS SHOW		52	
DRY PLUS OIL SHOW		33	
GAS		283	
GAS AND CONDENSATE		29	
GAS PLUS CONDENSATE SHOW		2	
GAS PLUS OIL SHOW		2	
NO HYDROCARBONS		627	
OIL		85	
OIL AND GAS		48	
OIL PLUS GAS SHOW		3	
UNKNOWN (blank)		13	
Grand Total		1361	



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