

Senate Standing Committee on Economics

ANSWERS TO QUESTIONS ON NOTICE

Resources, Energy and Tourism Portfolio

Budget Senate Estimates

1 June 2010

Question: BR35
Topic: Greater Sunrise Field
Proof Hansard Page: Written

Senator Brown asked:

What information does Geoscience Australia have relating to the Greater Sunrise Field between Australia and Timor-Leste?

Please provide the committee with all that information, including any documentation relating to Woodside.

Answer:

Geoscience Australia holds a range of data relating to the Greater Sunrise Field.

1. *Oil and Gas Resources of Australia* (OGRA) is an annual publication available from Geoscience Australia's website: www.ga.gov.au/oceans/pgga_OGRA.jsp.

Greater Sunrise reserves/resources are incorporated into the Bonaparte Basin numbers with the latest available in two formats from Geoscience Australia's website:

- www.ga.gov.au/resources/publications/oil-gas-resources-australia-2008/reserves/reserves-table-1.jsp and
- www.ga.gov.au/resources/publications/oil-gas-resources-australia-2008/reserves/reserves-table-2.jsp.

Volumes associated with the Greater Sunrise Field can not be specifically identified.

Earlier versions of OGRA also mention Sunrise and Troubadour gas fields (which make up the Greater Sunrise Field).

2. Details of the Greater Sunrise Field are provided in the *Australian Petroleum Accumulations Report 5*, 2nd Edition, Bonaparte Basin (2003). This publication is available online: www.ga.gov.au/image_cache/GA9151.pdf.

3. Two reports are available in the Geoscience Australia Library:
 - Ozimic, S., 1978, *Sunrise Field, Bonaparte Gulf Basin, NT, estimated recoverable reserves as at 31.3.78*, BMR Record 1978/074.
 - Maung, T.U. and West, B.G., 1998, *Sunrise-Troubadour Region, Northern Territory*, Bureau of Resource Sciences.
4. Geoscience Australia's Repository comprises data submitted under petroleum legislation and now available to the public.

There are 22 Surveys of interest to the Greater Sunrise area recorded in Geoscience Australia's Databases. They are all Open File.

SURVEY	OPERATOR
Montebello - Mermaid Shoal Seismic	Burmah Oil Co of Aust Ltd
Rankin - Troubadour Seismic	Burmah Oil Co of Aust Ltd
Sahul Rise Seismic	Arco Australia Ltd
Legendre - Marie Seismic	Burmah Oil Co of Aust Ltd
Baldwin Bank Marine Seismic	Arco Australia Ltd
AGSO Marine Survey 18, Indian Ocean	BMR Marine
Tessa - Troubadour Marine Seismic, Gravity & Magnetic	Barkley Oil Co P/L
Van Cloon Marine Seismic	Arco Australia Ltd
Timor Sea Spec Marine Seismic	Aust Seismic Brokers P/L
Tryal - Evans Seismic	Western Geophysical
Prudhoe -Hibernia Seismic	Burmah Oil Co of Aust Ltd
Kendrew - Cootamundra Marine Seismic	Barkley Oil Co P/L
1995 95ZA2 2D M/S Survey	Shell Dev (PSC 2) P/L
York Sound Marine Seismic	Arco Australia Ltd
Marie Marine Seismic	Western Mining Corp Ltd
SPA Zone A Marine Seismic	Aust Seismic Brokers P/L
Halimeda Marine Seismic	Woodside Offshore Petroleum
AGSO Marine Survey 116, Zoco Marine Seismic	BMR Marine
NT/P47 and NT/P48 Marine Seismic	Shell Dev (Aust) P/L
Tequila 2D Marine Seismic	Woodside Offshore Petroleum
Sunrise 2D Marine Seismic Survey	Woodside Offshore Petroleum
93 – SA – 09 - ZA Marine Seismic	Enterprise Oil Ltd

Open File holdings include:

- 45 Reports (Operations and Processing)
- 28 Navigation items
- 577 Observer log items
- 5731 Field seismic items and
- 355 Processed seismic items.

There are also four Open File wells in the Australian part of the Greater Sunrise area recorded on Geoscience Australia's databases. They are:

WELL NAME	OPERATOR	SPUD DATE	LEGISLATION
Troubadour 1	B.O.C. of Australia Ltd	3/06/1974	PSLA
Sunrise 1	B.O.C. of Australia Ltd	31/12/1974	PSLA
Loxton Shoals 1	Woodside Offshore Petroleum Pty Ltd	7/08/1995	PSLA
Sunrise 2	Woodside Offshore Petroleum Pty Ltd	29/04/1998	PSLA

The database also records three wells drilled under the Zone of Co-operation (ZOC) agreement and are now in the Joint Petroleum Development Area (JPDA) geographic area. Geoscience Australia manages the data on behalf of the JPDA.

WELL NAME	OPERATOR	SPUD DATE	LEGISLATION
Sunset 1 (Shell)	Shell Development (PSC 19) Pty Ltd	22/09/1997	ZOC
Sunset West 1	Woodside Petroleum (Timor Sea 19) Pty Ltd	14/04/1998	ZOC
Bard 1	Woodside Petroleum (Timor Sea 19) Pty Ltd	23/09/1998	ZOC

Data from the Geoscience Australia Repository is publicly available by contacting ausgeodata@ga.gov.au.