

Well Name	Operator	Spud Date	Total Depth (m)	Target	Reservoir Facies	Max. Show	Well Result
<i>Bedout 1</i>	BOC of Australia Ltd	31/07/1971	3073	Crest of a seismically defined domal structure represented by Jurassic and Upper Triassic sediments	Lower coastal plain sandstones	Dry	Lack of hydrocarbon charge
<i>East Mermaid 1</i>	Shell Development (Australia) Proprietary Limited	14/06/1973	4068	Well-defined anticlinal structure in Jurassic section	Deltaic sandstones and interbedded shales	Dry	Lack of source rocks within migration distance
<i>Keraudren 1</i>	Hematite Petroleum Pty Ltd	31/08/1973	3844	North-tilting wedge structure containing Middle Triassic sediments near depocentre of Bedout Sub-basin	Fluvial-deltaic sediments	Dry	Lack of thick source rock sequence, inadequate sealing facies
<i>Minilya 1</i>	BOC of Australia Ltd	4/08/1974	2400	Jurassic sediments within a fault-controlled structure near the Bedout-Beagle Hinge Zone	Lower coastal plain sandstones	Dry	Lack of hydrocarbon charge
<i>Phoenix 1</i>	BP Petroleum Development Ltd	22/03/1980	4880	Middle to Late Triassic (Lwr Keraudren Fm) sandstones in a large NE-SW fault-bounded anticlinal structure	Lower coastal plain sandstones	Oil discovery	Re-examination of the Phoenix-1 log data, in comparison to the Phoenix South-1 result (drilled in 2014), indicates that it was most likely an oil discovery in the Barret and upper Hove members.
<i>Phoenix 2</i>	BP Petroleum Development Ltd	10/03/1982	4967	Lower Keraudren Fm, to test presence and mobility of hydrocarbons as recorded by Phoenix 1	Lower coastal plain sandstones	Minor gas	Insufficient permeability to move hydrocarbons.
<i>Lagrange 1</i>	BP Petroleum Development Ltd	9/11/1982	3260	Upper Keraudren Fm (Late Triassic) on Bedout High	Fluvial sandstones	Dry	Outside hydrocarbon migration, low relief structures
<i>Whitetail 1</i>	Woodside Energy Ltd.	1/01/2003	2504	Middle Jurassic, Legendre Formation sandstones at a crestal location in a large northeast-southwest trending tilted fault block (greater Whitetail structure)	Delta plain sands	Dry	Lack of hydrocarbon charge
<i>Huntsman 1</i>	Woodside Energy Ltd.	3/08/2006	4375	Tilted fault-block containing Early Jurassic "North Rankin Formation"	Fluvial-deltaic/estuarine sandstones	Dry	Timing of charge, too early for hydrocarbons to be retained in structure.

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<i>Hannover South 1</i>	Woodside Energy Ltd.	18/07/2014	5512	Triassic Upper and Lower Keraudren Formation and lower Mungaroo Formation (secondary) in a large three-way dip closure	Carbonate dominated shallow marine and deltaic environments	Dry	The Lower Keraudren Formation is not present, instead a thick package of Late Triassic volcanics was intersected. No significant reservoir intersected in the Upper Keraudren and Mungaroo formations.
<i>Phoenix South 1/ST1/ST2</i>	Apache Northwest Pty Ltd	3/08/2014	4595	Lower Keraudren Fm (Middle Triassic), western fault block of a large faulted anticlinal closure at the Barret member level	Fluvio-deltaic sands	Oil discovery	55.5 m of net oil pay was intersected in the middle Triassic Lower Keraudren Formation occurring in four discrete quartzose sandstone reservoirs (Barret member sands 1, 2, 4 and 5).
<i>Steel Dragon 1</i>	Woodside Energy Ltd.	3/11/2014	3966	Early Jurassic Bedout Formation and Late Triassic upper Mungaroo Formation (secondary), in a large tilted fault-block	Fluvio-deltaic sands	Dry	Bedout Formation not present (Depuch and Brigadier formations instead with water bearing reservoir quality sands); no effective charge and migration from Triassic or Jurassic aged source rocks into the Steel Dragon structure.
<i>Anhalt 1</i>	Woodside Energy Ltd.	8/11/2014	5105	Early Jurassic Bedout Formation and the Triassic Mungaroo and Keraudren formations in a large four-way dip closure	Carbonate dominated shallow marine and deltaic environments	Dry	No hydrocarbon indications in Bedout Formation reservoir. No significant reservoir intersected in the Upper Keraudren and Mungaroo formations.
<i>Roc 1</i>	Quadrant Northwest Pty Ltd	24/11/2015	4943	Barret member (lower Keraudren Fm, Middle Triassic) reservoir in a large faulted anticline with secondary reservoir targets		Gas discovery	Barret member: water bearing, inadequate seal, excellent reservoir properties. Caley member: 5 gas-condensate reservoirs, 14 m total net pay (gross 40 m). Milne member: high gas readings and hydrocarbon shows at TD.
<i>Roc 2</i>	Quadrant Northwest Pty Ltd	9/07/2016	5290.5	Caley member and Milne member on the greater Roc structure		Gas discovery	Caley member: 45 m gross gas-condensate bearing interval. High gas readings and hydrocarbon shows in all sandstones below the Hove member regional seal. Minor overpressure halted drilling in the lower Milne member, coinciding with tight siltstone packages.

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<i>Phoenix South 2</i>	Quadrant Northwest Pty Ltd	30/10/2016	5216.2	Dual: appraising Barret member oil discovery (Phoenix South 1), large anticlinal structure; testing potential of Hove and Caley members		Oil and Gas discovery	Barret member: at a higher structural position, water bearing, strong hydrocarbon shows, fault breach. Hove member: 8.3 m net oil pay (25 m gross). Caley member: hydrocarbon (likely gas-condensate) influx while drilling the upper Caley halted further drilling and tests.
<i>Phoenix South 3</i>	Quadrant Northwest Pty Ltd	16/04/2018	5393	Lower Keraudren Formation (Caley member), large, faulted anticlinal closure		Oil and Gas discovery	Hydrocarbons observed within the Caley member, 131 m column (gross).
<i>Dorado 1</i>	Quadrant Northwest Pty Ltd	2/06/2018	4639	Lower Keraudren Formation reservoir facies sealed by fine-grained submarine canyon fill (combined stratigraphic-erosional trap)		Oil and Gas discovery	Oil columns in the Caley, Crespín and Milne members and a gas and condensate column in the Baxter member, for 132 m total net hydrocarbon pay.
<i>Dorado 2</i>	Santos Northwest Pty Ltd	1/05/2019	4548	Appraisal of lower Keraudren Formation reservoir facies (i.e. the Caley, Baxter, Crespín and Milne members)		Oil and Gas discovery	Encountered hydrocarbons within the Caley, Baxter and Milne members
<i>Roc South 1</i>	Santos Northwest Pty Ltd	16/06/2019	4910	Lower Keraudren Formation reservoir facies (i.e. the Caley, Baxter, Crespín and Milne members). Combined stratigraphic-erosional trap, sealed by fine-grained submarine canyon fill.		unclassified	Logs indicate no producible hydrocarbons across the Caley, Baxter Crespín and Milne members. Reservoirs present and of good quality.
<i>Dorado 3</i>	Santos Northwest Pty Ltd	28/07/2019	4643	Lower Keraudren Formation reservoir facies (i.e. the Caley, Baxter, Crespín and Milne members)		Oil and Gas discovery (appraisal)	Results (wireline) confirm hydrocarbons in the Caley, Baxter and Crespín intervals. The Milne member reservoir is water wet.