

## Permit Summary

Sentry Petroleum is operator and maintains a 93% interest in four large prospective permits in the commercially proven Adavale Basin. With gross acreage holdings in excess of 6.9 million acres Sentry is the dominant land holder in the basin. Within this land bank the company has delimited 21 leads and one drill-ready prospect, the Sherwood Park prospect. All four key geological elements necessary for the generation of hydrocarbons are present throughout the basin.

**Trap** - The most obvious traps within the basin are large compressional folds and thrust complexes. There are several of these features in ATP 865 and ATP 866, many with hydrocarbon shows.

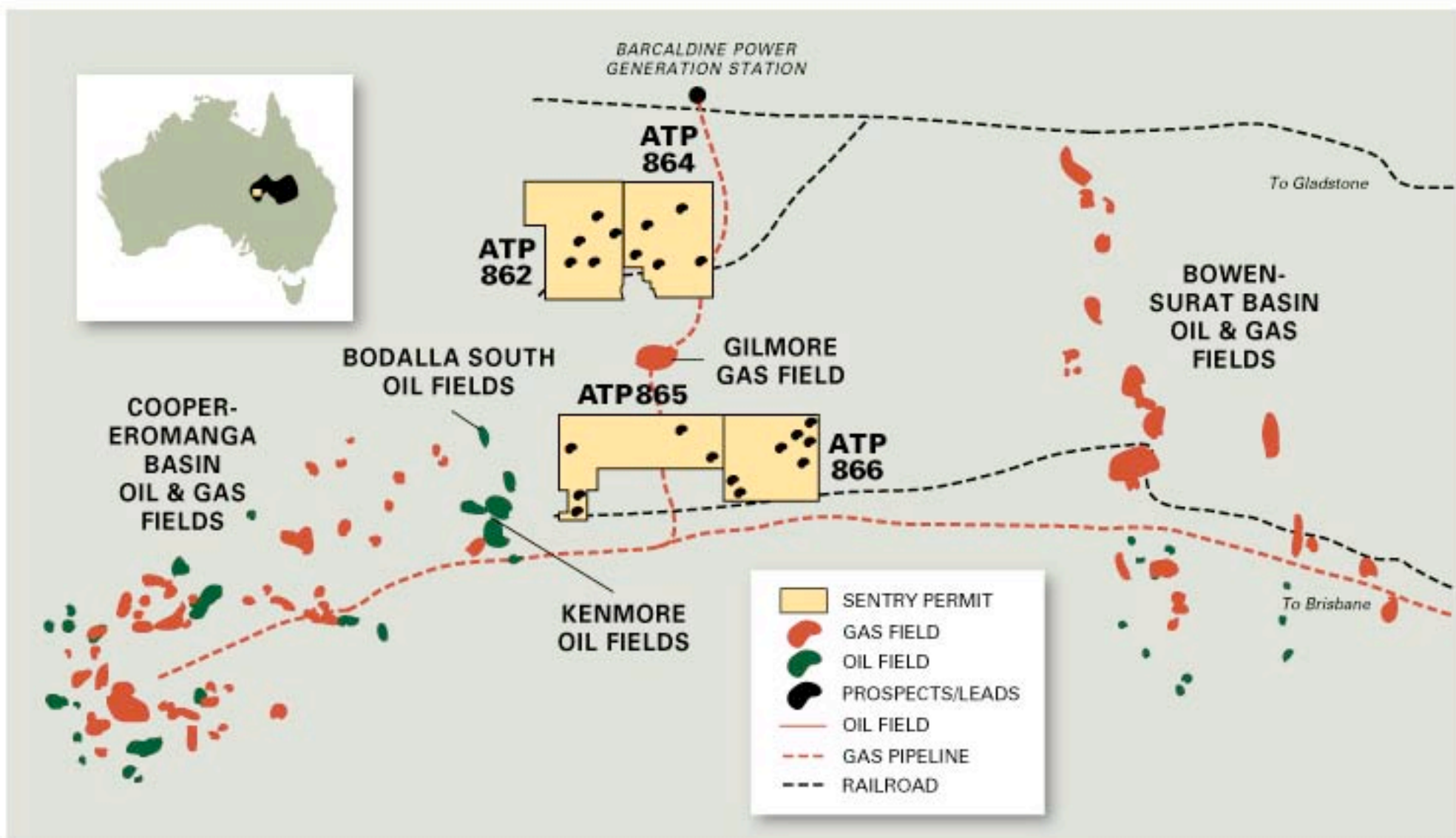
**Reservoir** - The primary reservoir units are Lissoy Sandstone and Log Creek, the formation from which the Gilmore gas field was discovered.

**Seal** - The best sealing strata within the basin are transition sediments of the Cooladdi Dolostone and the Boree Salt.

**Source** - Existing data suggests that the Bury Limestone has very good hydrocarbon generating potential and is mature for gas. The Buckabie formation possesses excellent source for oil and gas.

Sentry Petroleum has engaged the services of leading independent evaluator MBA Petroleum Consultants to load, process and analyze over 6000 miles of seismic data. We anticipate new leads to be identified and prospects defined upon the completion of their assessment.

For detailed information on the Sherwood Park Prospect, [click here](#)



## Authority to Prospect ATP 862 - Operator

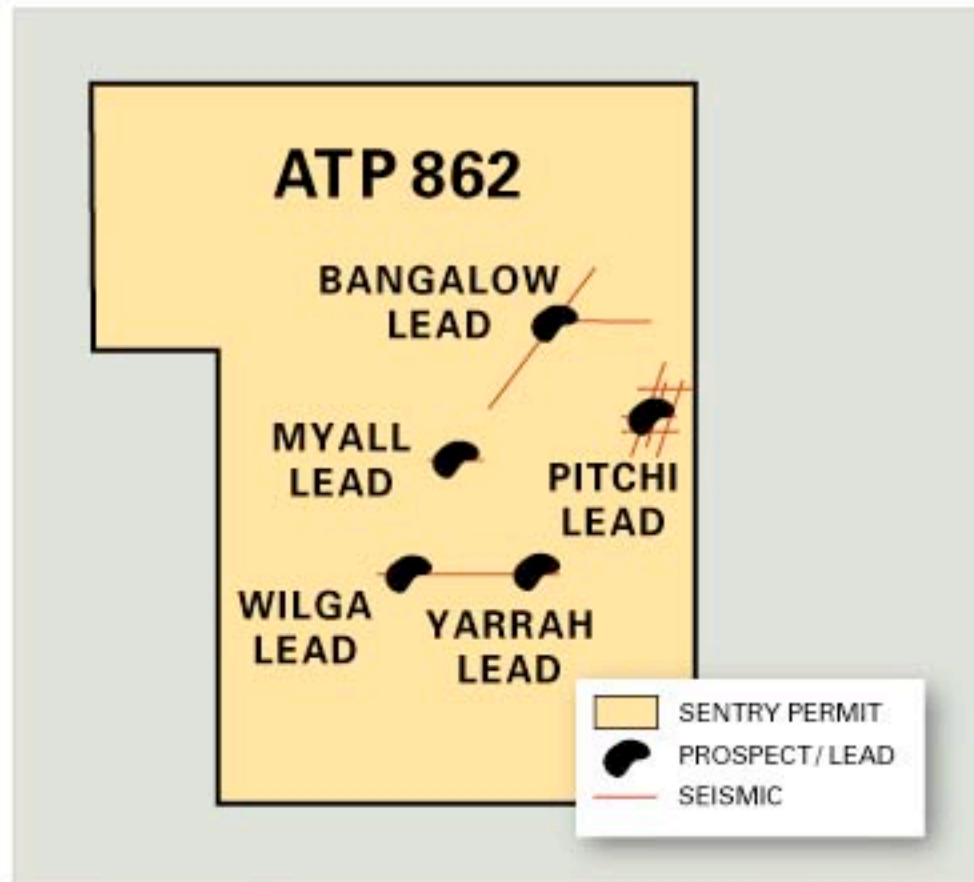
### Description:

ATP 862 lies in Central Queensland immediately north of the Gilmore Gas field and the Kenmore Oil fields. The permit covers a gross area of just under three thousand square miles or approximately 1.85 million acres. Sentry Petroleum Ltd. holds a 93% interest and is Operator. Over one thousand eight hundred line miles of seismic have been shot over the permit area. Five leads have been identified within the application area and rail and road links traverse the permit. A gas pipeline to the Barcaldine Power Station runs to the east of the permit and from there to Gladstone, the site of British Gas' liquid natural gas (LNG) facility.

### Potential:

ATP 862 is independently assessed to have potential for the discovery of economic volumes of oil and gas. All four key geological elements are present for the generation of hydrocarbons. The surface geology of the area is dominated by Cretaceous Winton Formation sandstones, siltstones and mudstones with minor recent alluvium associated with the Barcoo River and its tributaries. Separate gas shows were encountered during a seven well analysis and oil was recovered within the Gaza-1, an anticline structure over a pre-Jurassic basement high.

For detailed information on ATP 864, [click here](#)



## Authority to Prospect ATP 864 - Operator

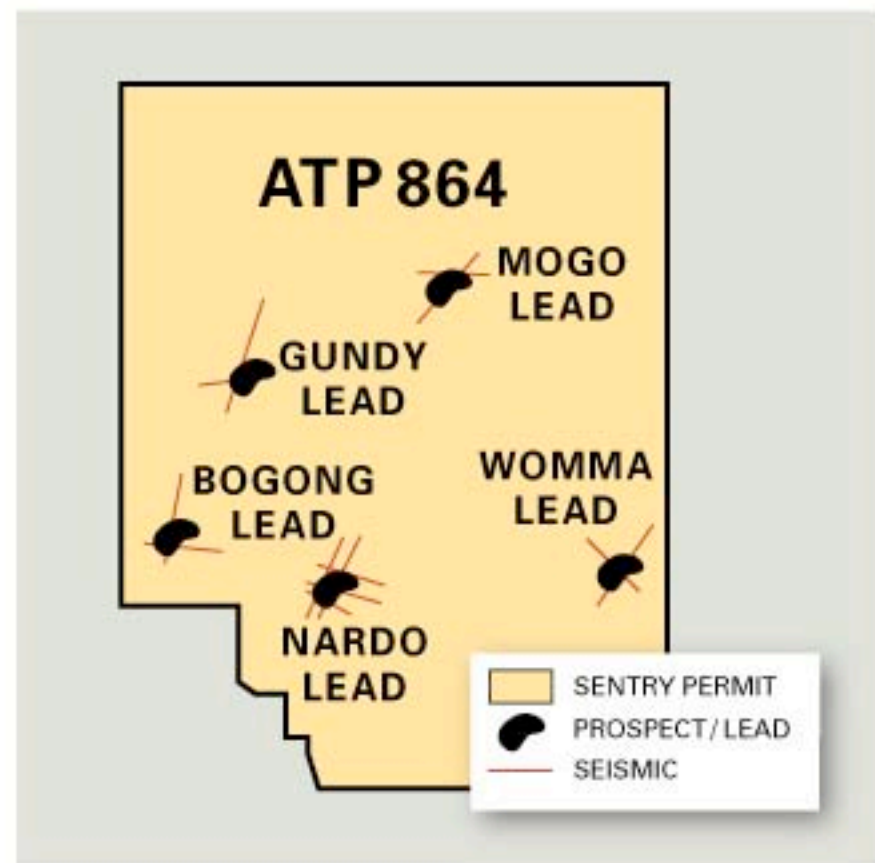
### Description:

ATP 864 lies in Central Queensland immediately north of the Gilmore Gas field. The permit covers a gross area of just over two thousand seven hundred square miles or approximately 1.76 million acres. Sentry Petroleum Ltd. holds a 93% interest and is the Operator. Over one thousand three hundred line miles of seismic have been shot over the permit area. Five leads have been identified within the application area. The permit is traversed by rail, road and pipeline infrastructure. A gas pipeline leading from the Gilmore Gas field to the Barcaldine Power Station runs to the east through the permit.

### Potential:

Five leads have been mapped within the permit to date and we are presently processing approximately one thousand three hundred line miles of seismic data. All four key geological elements are present for the generation of hydrocarbons. The majority of the leads delimited lie in the southern portion of the permit and the Downs-1 well, previously drilled, encountered significant hydrocarbon shows. The primary targets in ATP 864 are oil within the structural traps in the Jurassic sequence and gas within the Devonian Sandstones.

For detailed information on ATP 866, [click here](#)



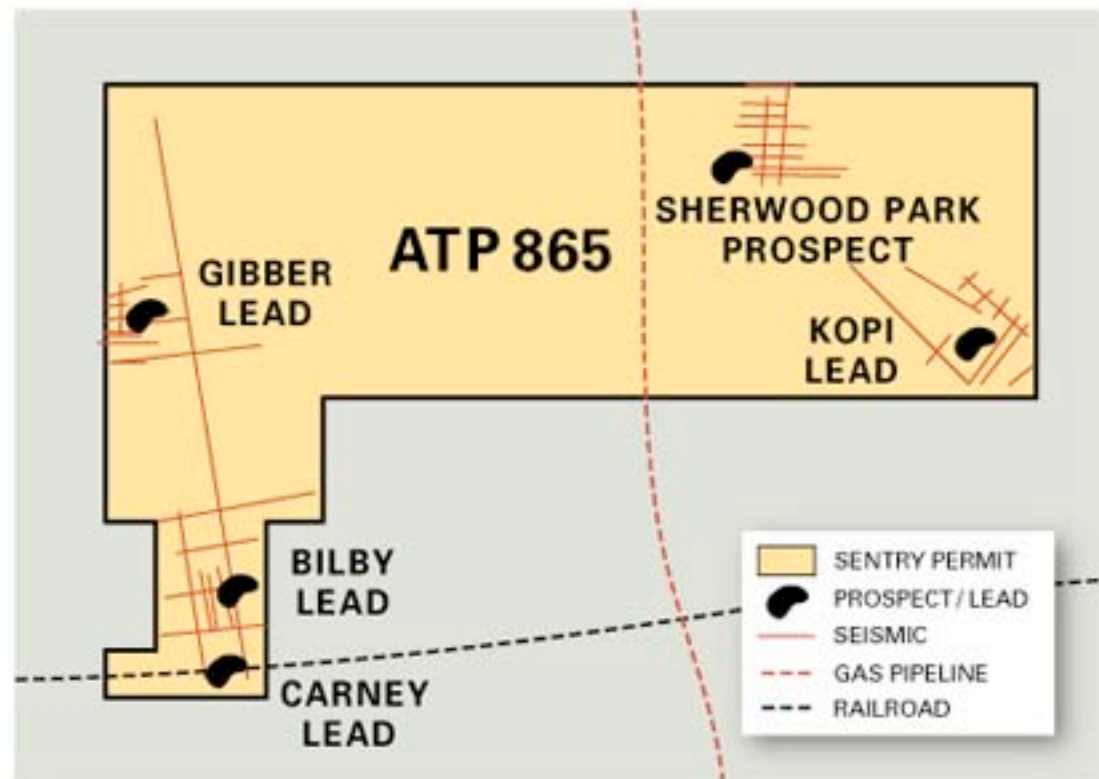
## Authority to Prospect ATP 865 - Operator

### Description:

ATP 865 lies in Central Queensland Australia and covers an area of approximately 1.67 million acres. Sentry Petroleum Ltd. holds a 93% interest and is Operator. Over two thousand line miles of seismic have been shot over the permit area. Sentry has identified five promising leads within the application area and a large drill ready prospect, the Sherwood Park prospect. A gas pipeline runs north to the Gilmore Gas Field between the Gumbardo-1 and Emu Creek-1 wells in the western side of the ATP 865.

### Potential:

ATP 865 is independently assessed to have potential for the discovery of economic volumes of oil or gas. All four key geological elements are present for the generation of hydrocarbons. Hydrocarbons have been recovered and separate gas shows were encountered within the permit. The Sherwood Park prospect exhibits a gross areal extent of 17 square kilometres at its lowest closure and has a vertical closure of 130 meters. The primary reservoir is approximately 2,000 meters deep and the Buckabie formation demonstrates porosities averaging 17 percent.



## Authority to Prospect ATP 866 - Operator

### Description:

ATP 866 is a rectangular block and covers an area of approximately 1.5 million acres or two thousand four hundred square miles. The permit lies south east of the Gilmore Gas field and is traversed by rail and road links. Sentry Petroleum Ltd. holds a 93% interest and is Operator. Over 600 line miles of seismic has been shot across the permit with surface geology dominated by Quaternary residual sediments with outcrops of cretaceous siltstones. Seven leads have been identified to date.

### Potential:

ATP 866 is assessed to have the potential for the discovery of economic volumes of hydrocarbons. All four key geological elements are present for the generation of hydrocarbons. Two previously drilled wells (Qulberry and Mount Morris-1) encountered hydrocarbon shows in the Devonian Log Creek formation. The primary target, the Eromanga basin sequence, contains excellent quality sandstone reservoirs. The Galilee basin sequence suggests a high energy fluvial environment. The sandy Permian section suggests a fairly high energy fluvial environment, possibly glacial outwash fans.

