

# Norwest Energy NL



Managing Director Presentation to  
Annual General Meeting



**norwest**  
ENERGY NL

29 November 2019

# Important Information

---

The information contained in this Presentation or subsequently provided to the Recipient of this Presentation whether orally or in writing by or on behalf of Norwest Energy NL ("NWE") or their respective employees, agents or consultants ("Information") is provided to the Recipients on the terms and conditions set out in this notice.

The Presentation contains reference to certain intentions, expectations and plans of NWE. Those intentions, expectations and plans may or may not be achieved. They are based on certain assumptions which may not be met or on which views may differ. The performance and operations of NWE may be influenced by a number of factors, many of which are outside the control of NWE. No representation or warranty, express or implied, is made by NWE or any of its respective directors, officers, employees, advisers or agents, that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved.

The Presentation does not purport to contain all the information that any existing or prospective investor may require. It is not intended to be a complete or accurate statement of material information. In all cases, before acting in reliance on any information, the Recipient should conduct its own investigation and analysis in relation to the business opportunity and should check the accuracy, reliability and completeness of the Information and obtain independent and specific advice from appropriate professional advisers.

The Recipient should not treat the contents of this Presentation as advice relating to legal, taxation or investment matters and should consult its own advisers. NWE and its advisers take no responsibility for the contents of this Presentation.

NWE makes no representation or warranty (express or implied) as to the accuracy, reliability or completeness of the information. NWE and its respective directors, employees, agents and consultants shall have no liability (including liability to any person by reason of negligence or negligent misstatement) for any statements, opinions, information or matters (express or implied) arising out of, contained in or derived from, or for any omissions from the Presentation, except liability under statute that cannot be excluded.

NWE is not aware of any new information or data that materially affects the information included in any market announcement referenced throughout the Presentation and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

Prospective Resources are the estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) and relate to undiscovered accumulations. These estimates are quoted as gross (100%) and have both an associated risk of discovery and a chance of development. Further exploration, appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

# FY19 Review and FY20 Lookahead



1.

**Recent gas discoveries transform the Perth Basin**, greatly enhancing prospectivity of EP368 & EP426

2.

**Norwest's High-impact well** to be drilled in EP368 in CY H1 2020

3.

**Completed Xanadu 3D** seismic program

4.

**Divested** of L14 minority interest, raising \$700,000

5.

**Recent capital raising strengthens balance sheet** and enables Norwest to participate in drilling at full working interest – preferable to farming out, on a risk vs reward basis. Directors participating in placement, subject to shareholder approval

6.

**Share Purchase Plan** opens today, enabling existing eligible shareholders to participate on the same basis as the placement

# A New Era for the Perth Basin



## Waitsia Discovery



**2014** AWE made a serendipitous large gas discovery at Waitsia

Largest onshore gas discovery in over 40 years

Opened up new geological play

Current reserves estimate 844 Bcf

**By 2016** first gas produced from Waitsia down the Parmelia Gas Pipeline to Perth

Now co-owned by Mitsui & Beach Energy

## West Erregulla-2 and Beharra Springs Deep Discoveries



**Three months ago** STX/WGO made a “staggering” gas discovery at West Erregulla-2

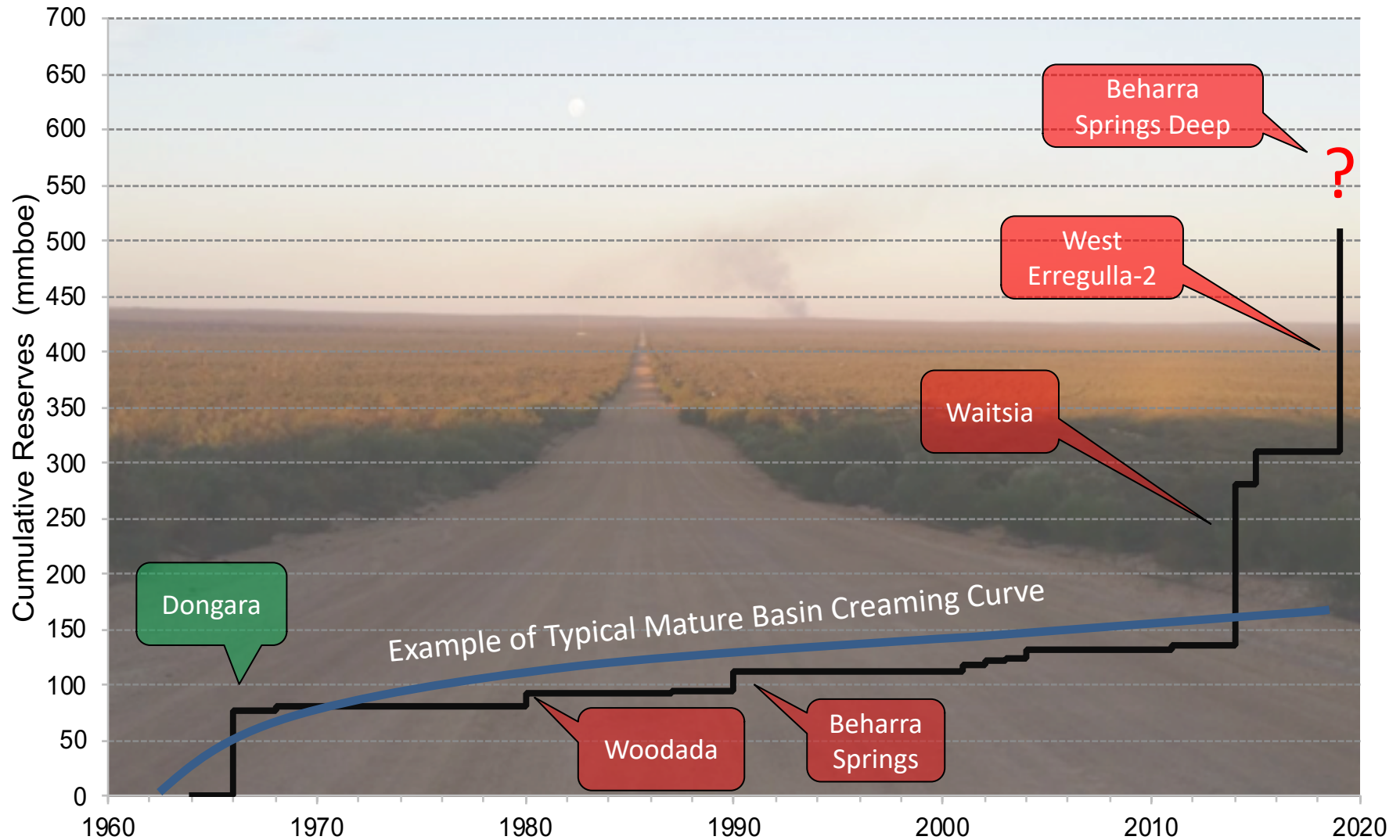
Beach Energy subsequently made a further find at Beharra Springs Deep

Waitsia ***not an anomaly***

WE-2 has 2C resources of 1.2 Tcf gas, and flowed at up to 69 mmscfd from the Kingia Fm.

These results significantly enhance prospectivity of NWE’s EP368 and EP426 permits

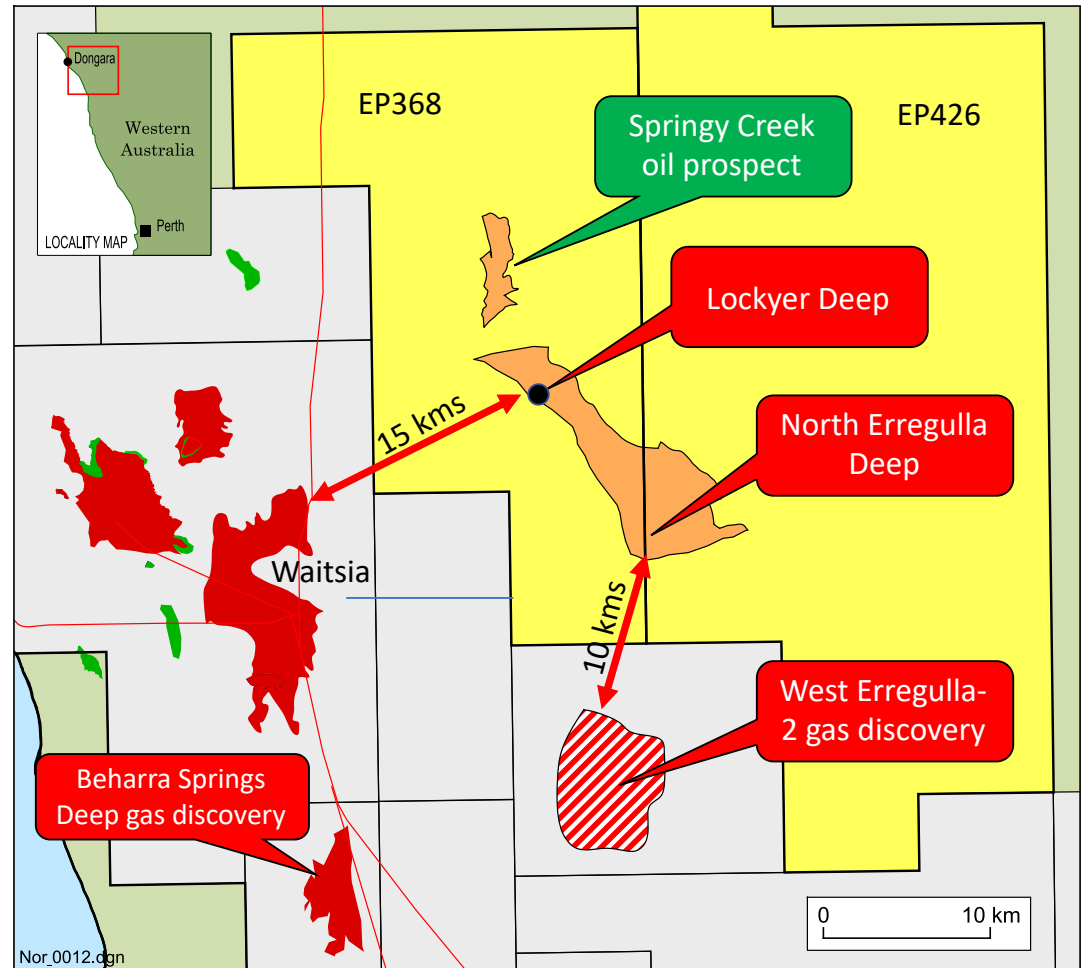
# Perth Basin Creaming Curve



# Perfectly Placed for Big Gas

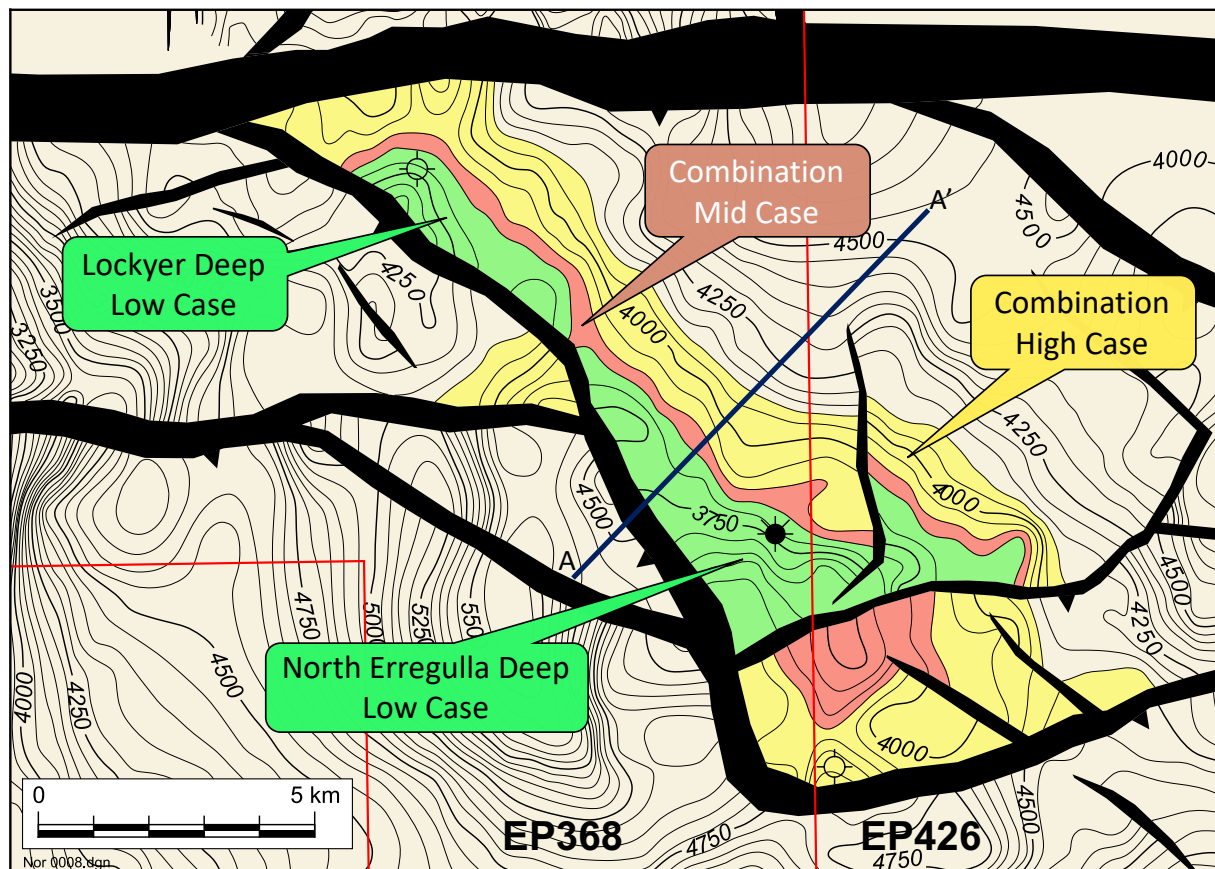


- EP368 & EP426: Norwest 20%/22%%,
- Operator Energy Resources Ltd\*
- Adjacent to Strike Energy's 1.2 Tcf West Erregulla-2 find
- Kingia/High Cliff play extends in to NWE's permits
- Beharra Springs Deep result further de-risks gas prospects
- Large combination gas prospect, high case 1.1 Tcf+
- Significant oil prospect at Springy Creek, up to 61 MMbbls
- Various other structural leads being assessed
- **JV decision pending on location for drilling by commitment well H1 2020**



\* A wholly owned subsidiary of Mineral Resources Ltd (ASX: MIN)

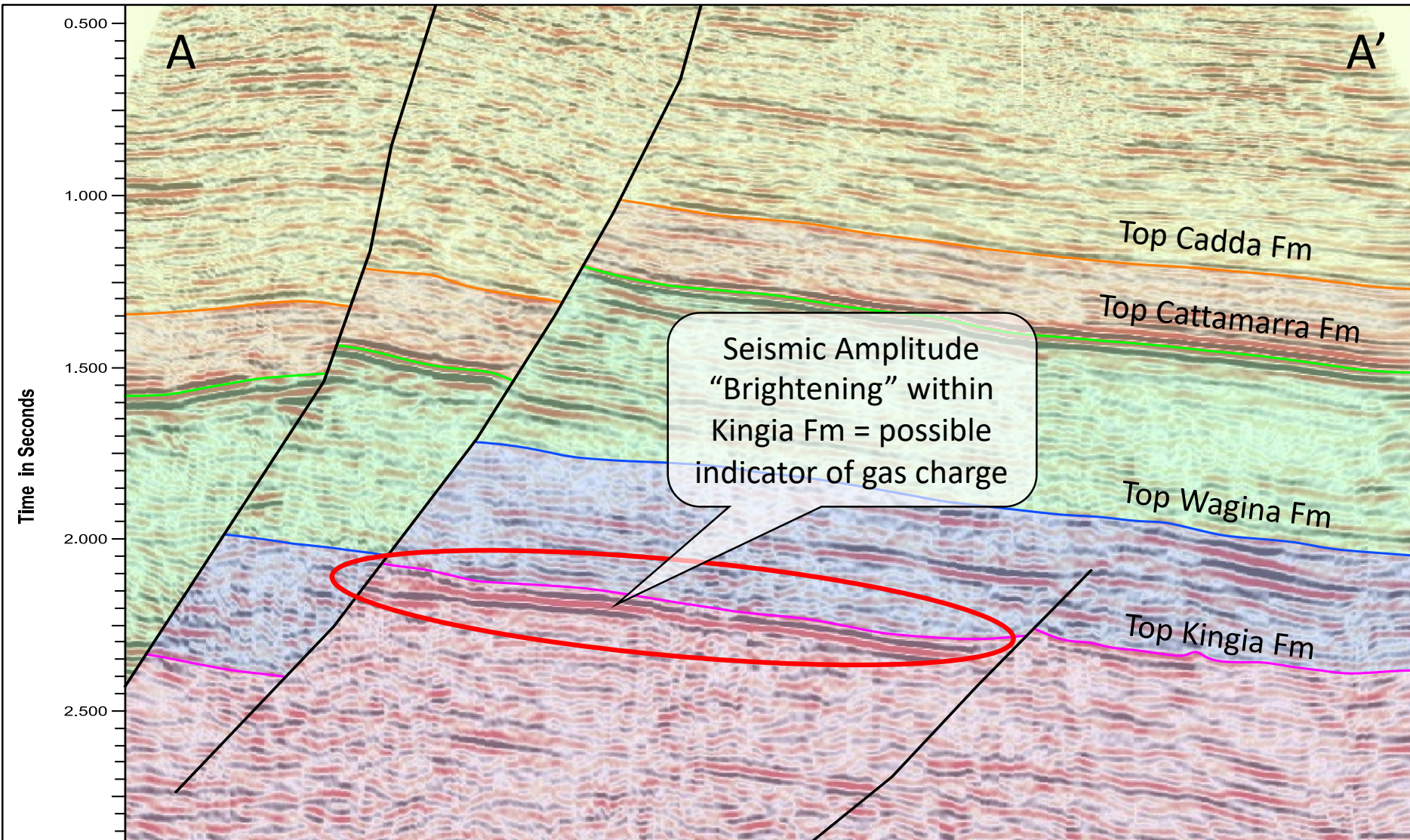
# EP 368/426 Gas Prospect



Upgraded Prospective Gas Resources (Recoverable)

	Gross Bcf (100%)			NWE Share Bcf (20%)		
	Low	Mid	High	Low	Mid	High
Lockyer Deep	36	459	1122	7	92	224
North Erregulla Deep	131			22		

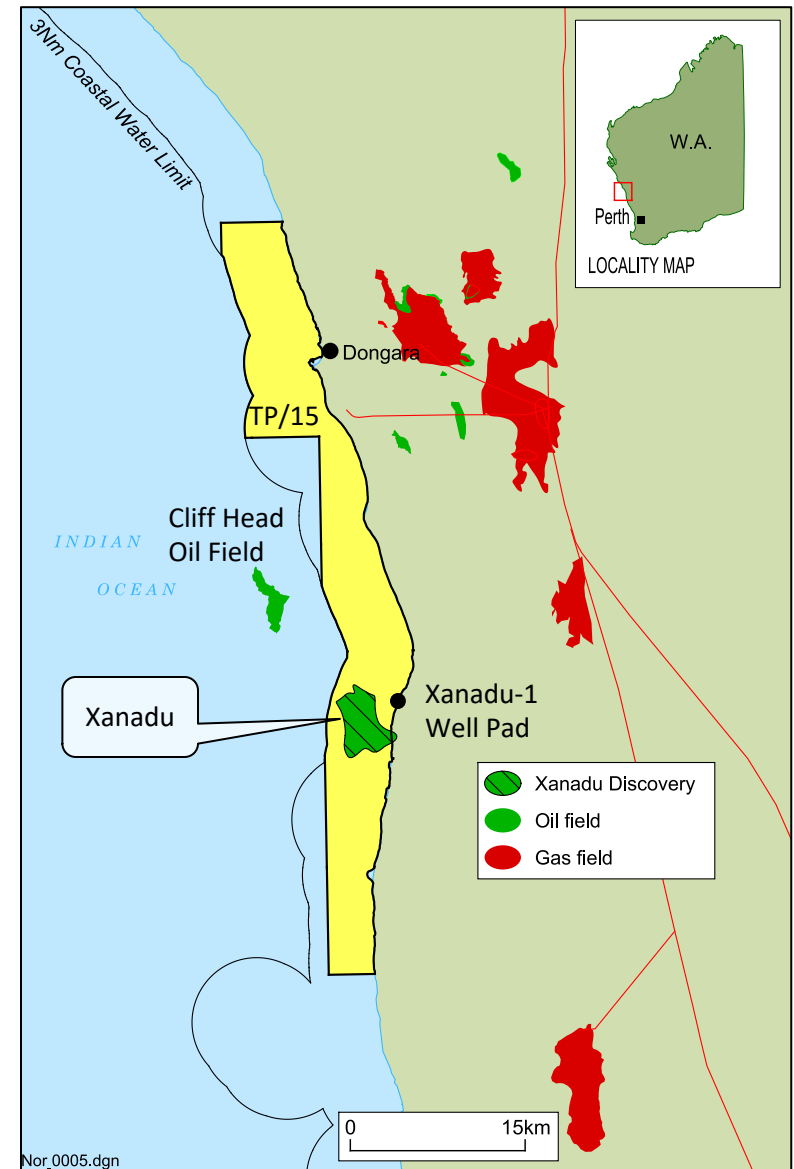
# EP 368/426 Seismic Example



Refer to previous slide for line location A-A'

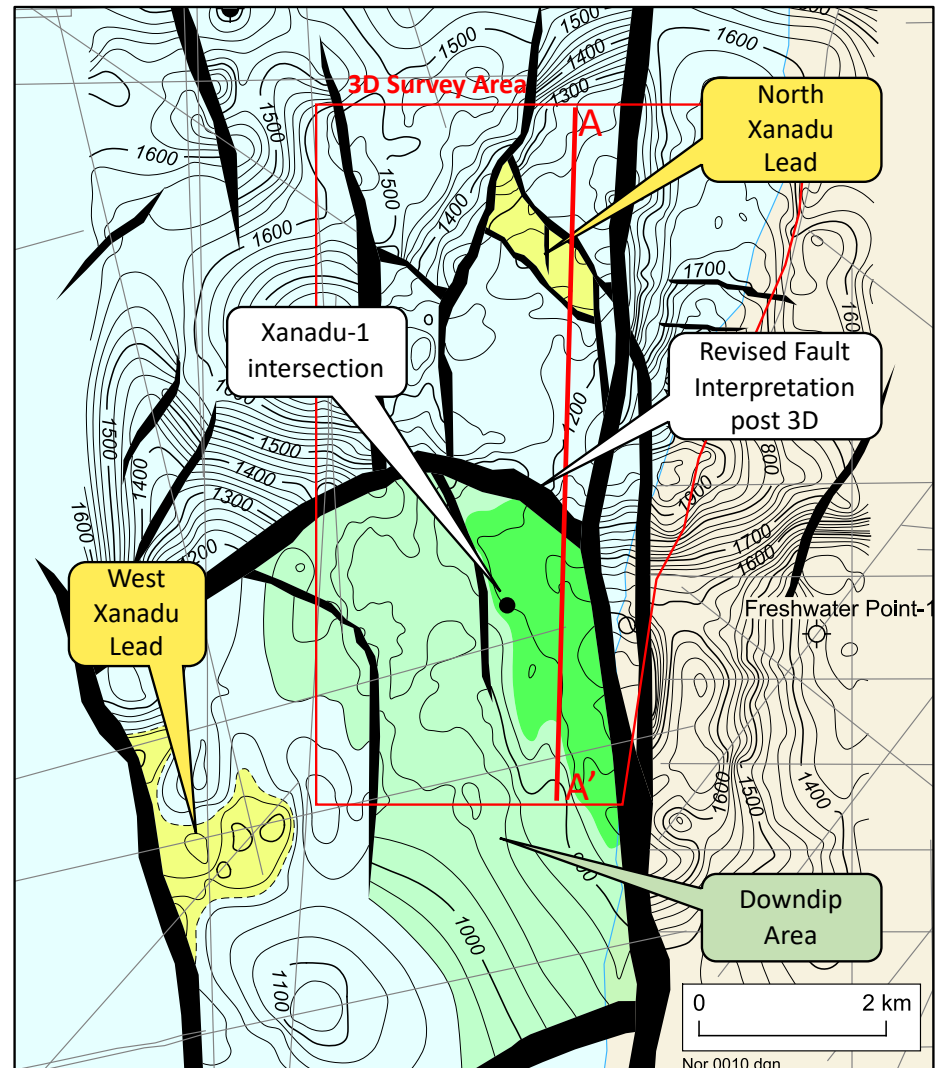
# TP/15: Xanadu Oil Discovery

- Norwest (25% and Operator) with partners Triangle Energy (45%) and 3C Group (30%)
- Shallow water oil discovery drilled from onshore location (Sept. 2017)
- Norwest was fully carried through drilling of exploration well - JVPs now funding pro rata
- 3D seismic program completed in July 2019
- Preliminary results recently released
- Updip potential are really limited, downdip potential higher risk but may warrant appraisal drilling
- Further engineering & commercial studies required to de-risk downdip area and determine feasibility of appraisal



# TP/15: Xanadu Appraisal

- Updated structural interpretation reveals significantly different fault geometry
- In particular the area updip of Xanadu-1 is smaller than previously thought
- A larger oil volume may exist downdip, based on an interpretation of downhole pressure data
- Further engineering studies are required to determine if this interpretation is valid
- Commercial and drilling studies will then follow, to determine the viability of future appraisal/development drilling
- Additional potential exists to north and west



1. **Norwest's exposure** to the Permian gas play offers shareholders and new investors an opportunity to participate in a potential “company maker”
2. **Funded to drill in 2020**, for what will be perhaps the most exciting drilling campaign in Norwest's history
3. **Commercialisation of Xanadu** is not “off the cards”, but does require additional analysis of available data to support further drilling
4. **Perfectly placed** – NWE is well positioned and well leveraged to benefit from the resurgence of Perth Basin exploration and the emerging “big gas play”

# Q&A

Iain Smith  
Managing Director  
Norwest Energy NL  
Tel: +61 8 9227 3240  
Mob: 0412 638019  
Email: [info@norwestenergy.com.au](mailto:info@norwestenergy.com.au)  
[www.norwestenergy.com.au](http://www.norwestenergy.com.au)