

16 May 2024

FMDP Drilling Update

Fleury Well Drilling Completed, Rocket Well Spudded

Perth, Western Australia – Brookside Energy Limited (ASX: BRK) (OTC Pink: RDFEF) (Brookside or the Company) is pleased to provide shareholders and investors with an update on operations from the multi-well Flames-Maroons Development Plan (**FMDP**) in the core of the southern SCOOP Play in the Anadarko Basin (Figure 1).

Brookside is pleased to announce that the drilling of the Fleury Well has been completed with a total measured depth of 13,115 feet. After reaching the total measured depth the production casing was run in the lateral section of the well and successfully cemented in place. The drilling rig was then rigged down and transported to the nearby Flames Pad where it was rigged up on location, tested, and commenced drilling of the surface hole of the Rocket Well (Figure 2). The Rocket Well, the fourth and final well of the FMDP drilling program, is currently at a measured depth of 630 feet. All operations are continuing safely, on budget and on time.

The Fleury Well was drilled in a thick, undrained portion of the Woodford Formation within a structurally complex area. This structural complexity led to the Fleury Well encountering numerous fracture swarms as it traversed the flank of a notable structural feature throughout the length of the lateral. These areas of intense fracturing often act as natural pathways for oil and gas migration and production. There were several notable hydrocarbon shows during the drilling of the lateral. The nature of the Woodford shale organic matter in this particular area has proven to be oil prone.

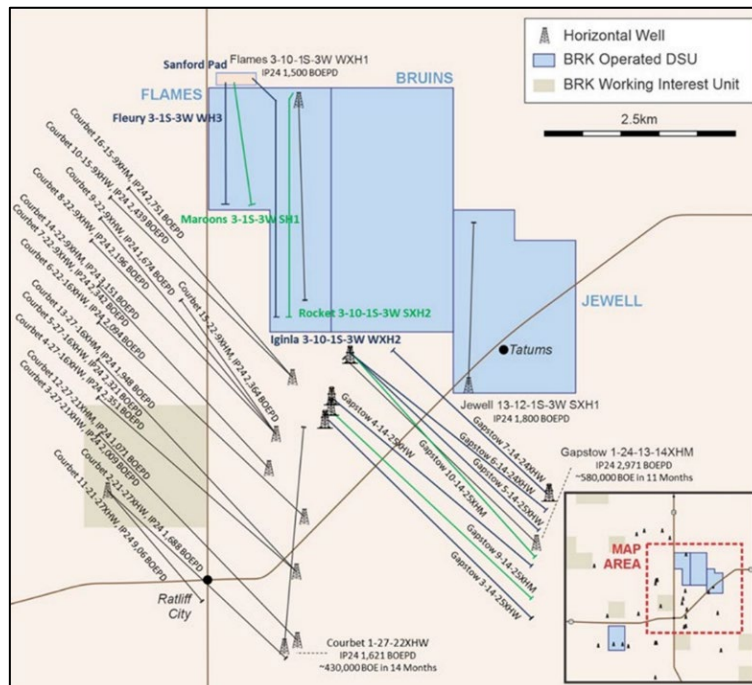


Figure 1: Location of the Sanford Pad and the four FMDP wells: Fleury, Maroons, and Iginla Wells (to be drilled from the Sanford Pad), and the Rocket Well (to be drilled from the existing Flames Well pad). Also shown are Continental Resources Courbet Wells full field development showing the strong performance of both the Woodford wells (well names ending with HXW) and Sycamore wells (well names ending in HXM).

Brookside Energy Ltd.

ASX BRK ACN 108 787 720

Level 3, 88 William Street
Perth WA 6000

brookside-energy.com.au

PHONE +61 8 6489 1600

FAX +61 8 6489 1601

EMAIL info@brookside-energy.com.au



Figure 2: Raising of the Kenai Rig 19 derrick on the Rocket Well location, Flames Pad.

About the Wells

The FMDP is a multi-well drilling program targeting the highly productive Sycamore Lime and Woodford Shale formations in the SCOOP area of the southern Anadarko Basin (Figure 3). Of the four wells in the multi-well drilling program, three were drilled from the Sanford Pad; the Fleury, Maroons, and Iginla Wells. The final well, the Rocket Well, is currently being drilled from the Flames Well pad.

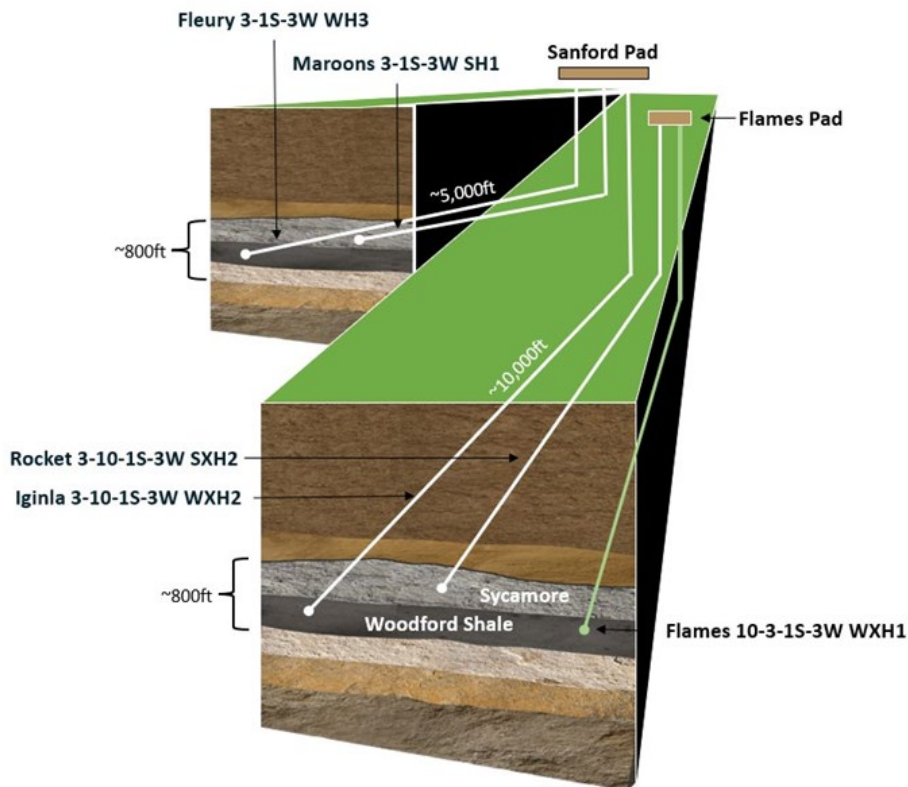


Figure 3: 3D image highlighting the “wine rack” style FMDP drilling program.

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Authority:

This announcement has been authorised for release by the Board of Directors of Brookside Energy Limited

For further information, contact:

David Prentice

Managing Director

Tel: (+61 8) 6489 1600

david@brookside-energy.com.au

Gracjan Lambert

Executive General Manager Commercial

Tel: (+61 8) 6489 1600

gl@brookside-energy.com.au

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ABOUT BROOKSIDE ENERGY LIMITED

Brookside is an Australian public company listed on the Australian (ASX: BRK), and USA (OTC Pink: RDFEF) stock exchanges. The Company was founded in 2015, to focus on the mid-continent region of the US, where our deep and valued relationships enable us to work with local communities to ensure sustainable growth and value creation through the safe and efficient development of energy assets. Focused on exploitation not exploration, the Company generates shareholder value through a disciplined portfolio approach to the acquisition and development of oil and gas assets and the leasing and development of acreage opportunities. The Company's wholly owned US subsidiary and manager of operations, Black Mesa Energy, LLC (Black Mesa), is led by a team of experienced and dedicated oil and gas professionals with decades of experience in the US onshore oil and gas sector with specific focus on the mid-continent region. Black Mesa works to identify opportunities that meet the Company's investment hurdles and executes the acquisition and subsequent development of these projects.

Brookside Energy Interactive Investor Hub

Engage with us directly by asking questions, watching video summaries, and seeing what other shareholders have to say about this and past announcements at our Investor Hub at <https://investorhub.brookside-energy.com.au/>

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GLOSSARY

| | |
|-------------------------|--|
| APO WI | After pay-out working interest |
| AFIT | After Federal Income Tax |
| AOI | Area of Interest |
| BBL | Barrel |
| BFIT | Before Federal Income Tax |
| BOE | Barrels of Oil Equivalent |
| BOEPD | Barrels of Oil Equivalent Per Day |
| BOPD | Barrels of Oil Per Day |
| BPD | Barrels Per Day |
| COPAS | Council of Petroleum Accountants Societies |
| Development Unit or DSU | Development Unit or drilling spacing unit is the geographical area in which an initial oil and/or gas well is drilled and produced from the geological formation listed in a spacing order. The spacing unit communitizes all interest owners for the purpose of sharing in production from oil and/or gas wells in the unit. A spacing order establishes the size of the unit; names the formations included in the unit; divides the ownership of the unit for the formations into the "royalty interest" and the "working interest;" Only one well can be drilled and completed in each common source of supply. Additional wells may be drilled in a Development Unit, but only after an Increased Density Order is issued by the Oklahoma Corporation Commission. |
| Force Pooled | The Oklahoma Corporation Commission is authorized to establish well spacing and drilling units covering any common source of supply of hydrocarbons, or any prospective common source of supply. Once the unit is established, the Commission can force pool the interests of all the owners who own interests in that unit and who have not voluntarily joined in the development of that unit. |
| IP | Initial Production |
| MBOE | 1,000 barrels of oil equivalent |
| Mcf | 1,000 cubic feet |
| MMBOE | 1,000,000 barrels of oil equivalent |
| NPV ₁₀ | The net present value of future net revenue before income taxes and using a discount rate of 10%. |
| NRI | Net Revenue Interest |
| PDP | Proved Developed Producing Reserves |
| Pooling Agreements | The pooling agreements facilitate the development of oil and gas wells and drilling units. These binding pooling agreements are between the Company and the operators |
| Prospective Resource | Prospective Resources are those quantities of petroleum which are estimated, on a given date, to be potentially recoverable from undiscovered accumulations. |
| PUD | Proved Undeveloped Reserves |
| Reserve Categories | These reserve categories are totalled up by the measures 1P, 2P, and 3P, which are inclusive of all reserve types: <ul style="list-style-type: none"> • "1P reserves" = proven reserves (both proved developed reserves + proved undeveloped reserves). • "2P reserves" = 1P (proven reserves) + probable reserves, hence "proved AND probable." • "3P reserves" = the sum of 2P (proven reserves + probable reserves) + possible reserves, all 3Ps "proved AND probable AND possible." |
| STACK | Sooner Trend Anadarko Basin Canadian and Kingfisher Counties – oil and gas play in the Anadarko Basin Oklahoma |
| SCOOP | South Central Oklahoma Oil Province - oil and gas play in the Anadarko Basin Oklahoma |
| SWISH AOI | Description of Brookside's Area of Interest in the SCOOP Play |
| TVD | True Vertical Depth |
| Working Interest | Percentage of ownership in a lease granting its owner the right to explore, drill and produce oil and gas from a tract of property. Working interest owners are obligated to pay a corresponding percentage of the cost of leasing, drilling, producing, and operating a well or unit |