

Rangers Well Operations Report

Perth, Western Australia – 31 December 2021 – Brookside Energy Limited (ASX: BRK) (OTC Pink: RDEF) (FSE: 8F3) (Brookside or the Company) is pleased to provide shareholders and investors with an update on operations from Brookside's second well in the SWISH Area of Interest (AOI) in the world-class Anadarko Basin, the high-impact Rangers 36-25 SXH 1 Well (**Rangers Well**) (Figure 1).

HIGHLIGHTS

- Drilling operations are proceeding on schedule, safely and without incident
- Rangers Well curve successfully landed in the Sycamore Formation at the designed depth and the intermediate casing has been set and cemented
- Currently tripping out of the hole to pick-up the assembly required for drilling the horizontal (lateral) section of the wellbore

Current Operations

During the last 24 hours the intermediate casing was successfully set and cemented at the designed depth and the Rangers Well curve was subsequently landed as planned at a measured depth of 10,260 feet in the target formation (Sycamore). As at ~7:30 am 29 December 2021 CDT, operations were underway to trip out of the hole to pick-up the assembly required for drilling of the lateral portion of the wellbore. Drilling operations are proceeding on schedule, safely and without incident.

Forward Operations

Drill ahead in the horizontal section of the wellbore.

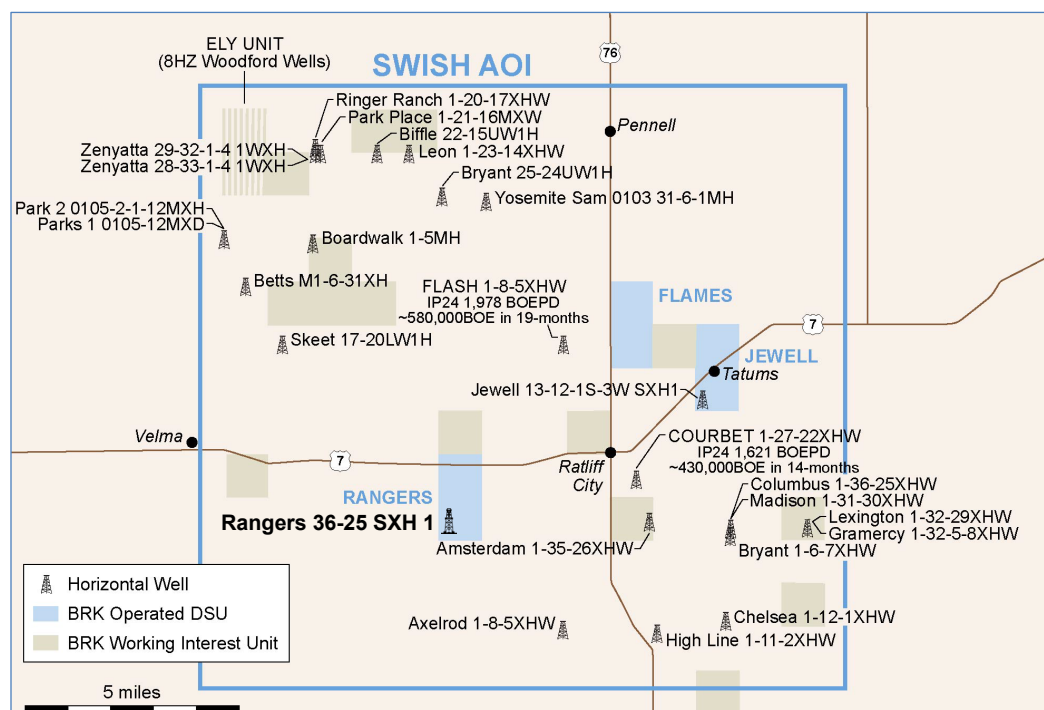


Figure 1. Location map showing the location of the Rangers Well and Brookside's three operated SWISH AOI DSU's



About the Rangers Well

The Rangers Well is a Black Mesa Energy (a controlled subsidiary of Brookside) operated well being drilled by Kenai Drilling Company in Stephens County, Oklahoma. The well is being drilled as a mid-length horizontal well targeting the Sycamore Formation at an average depth of ~9,750 feet. The well will be drilled to a projected measured depth of ~17,750 feet, with ~7,500 feet of lateral section drilled in the Sycamore that will subsequently be cased with production tubing to be perforated and treated to allow production of oil and rich gas.

– ENDS –

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

Investor Relations, Corporate Access, and Media



Omar Taheri
+65 8111 7634
omar@sparkplus.org



Stewart Walters
+61 414 644 166
stewart@themarketbull.com.au



Eliza Gee
+61 432 166 431
eliza@asxinvestor.com.au



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ABOUT BROOKSIDE ENERGY LIMITED

Brookside is an Australian public company listed on the Australian (ASX: BRK), Frankfurt (8F3: FSE) and USA (OTC Pink: RDEFF) 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 US subsidiary and manager of operations, Black Mesa, is an experienced mid-continent operator, which identifies opportunities and executes development for Brookside. Our business model effectively assigns risk and provides commercial incentives to maximize value for both parties.

Web <http://brookside-energy.com.au>

ABOUT BLACK MESA ENERGY, LLC

Black Mesa Energy, a Brookside Energy controlled subsidiary, is a Tulsa-based oil & gas exploration and production company focused on profitable development of petroleum properties located in the Mid-Continent oil province of the United States. Our lean and highly specialized technical and operations team is committed to providing attractive returns for our investors and shareholders by generating and drilling high quality oil and gas prospects. The founders of Black Mesa have worked together for over 30 years at companies they previously founded, including Medallion Petroleum, InterCoast Energy and Brighton Energy. Over the course of their careers, the Black Mesa team has drilled hundreds of horizontal wells and thousands of vertical wells in numerous mid-continent oil and gas basins. In addition to the financial backing from the Black Mesa shareholders, Black Mesa partners with outside investors on larger-scale projects by offering non-operated direct working interest participation.

Web <http://www.blkmesa.com>



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.
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: • "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 "proven 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
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