

22 June 2023

Rig Mobilised To Site For Testing Of Next Zone Of Interest Production Facilities at Thelma Site Upgraded for Juanita Production

HIGHLIGHTS

- A rig has been mobilised to the Juanita Well site in preparation for production testing of the next zone of interest
- Production testing is anticipated to commence at the end of the week and take approximately 6 weeks
- Surface production facilities at the Thelma Well location have been upgraded and expanded to accommodate production from the Juanita Well

Perth, Western Australia – Brookside Energy Limited (ASX: BRK) (OTC Pink: RDEF) (Brookside or the Company) is pleased to provide shareholders and investors with an update on activity from Brookside's expanded Bradbury Area of Interest (AOI) located within the Arbuckle Uplift – Ardmore Basin in Oklahoma.

A rig has been mobilised to the Juanita Well site in preparation for production testing of the next zone of interest within the Simpson Group. Production testing is anticipated to commence at the end of the week and take approximately 6 weeks. This follows on from the successful production testing of a lower sand within the Simpson Group that resulted in a peak production test rate of 329 BOE (75% Oil) and an average rate of 174 BOE (76% oil) over a 27-day period after being chocked back to establish optimum production parameters and to gauge well performance.

Additionally, surface production facilities at the Thelma Well location have been upgraded and expanded to accommodate production from the Juanita Well (Figure 1). With the close proximity of the Thelma surface production facilities to the Juanita Well site the Company decided that the most effective use of time and capital was to upgrade and expand the existing facilities rather than building new standalone surface production facilities at the Juanita Well location.



Figure 1: Upgraded and expanded surface production facilities for Juanita Well production at the Thelma Well location

Commenting on this announcement, Executive General Manager Commercial, Gracjan Lambert said:

"We are very excited as we now move to the next zone of interest and continue with our successful production testing of the Juanita Well. Each test provides us more data not only on this well but on the geology of the area, helping us to de-risk and identify future potential well locations.

With the recent upgrade of the surface production facilities, once testing has been completed we will waste no time in bringing this well on production and adding a new revenue stream to our balance sheet."

Brookside Energy Ltd.

ASX BRK ACN 108 787 720

Suite 9 330 Churchill Avenue
Subiaco WA 6008

brookside-energy.com.au

PHONE +61 8 6489 1600

FAX +61 8 6489 1601

EMAIL info@brookside-energy.com.au

About the Juanita Well

The Juanita Well is a vertical well, drilled by Dan D Drilling Rig 7 and operated by Black Mesa Energy, LLC (a controlled subsidiary of Brookside) in the Bradbury AOI. The Juanita Well was drilled as a vertical well to a measured depth of ~6,350 feet. The Juanita Well is targeting ten potential oil reservoirs, including zones from within the highly productive Simpson Group, all of which are proven producers in the area, with mean cumulative production from vertical wells in the Bradbury AOI of ~130 MBO per well, including a 744 MBO producer less than a mile east of the Juanita Well location.

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 <https://investorhub.brookside-energy.com.au/>

– 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

Spark+

Omar Taheri

+65 8111 7634

omar@sparkplus.org



Hayley Corrigan

+61 421 427 330

hayley@themarketbull.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: RDEF) 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.
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 "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
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