

## SUN resources =

# GOOD OIL CONFERENCE

*02 September 2015* 

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## **SUN RESOURCES CORPORATE SNAPSHOT**



#### **Capital Structure: Post-Cap. Raising (SPP & Placement)**

| ASX code                                       | SUR      |
|--|----------|
| Ordinary shares on issue                       | 4,623m   |
| Performance options <sup>1</sup>               | 140m     |
| Listed options (A\$0.025)                      | 259m     |
| Unlisted options (various prices) <sup>2</sup> | 305m     |
| Current share price                            | A\$0.001 |
| Market capitalisation (@ A\$0.001)             | A\$4.6m  |
| Net Cash <sup>3</sup>                          | A\$1.3m  |
| Enterprise Value                               | A\$3.3m  |
|  |          |

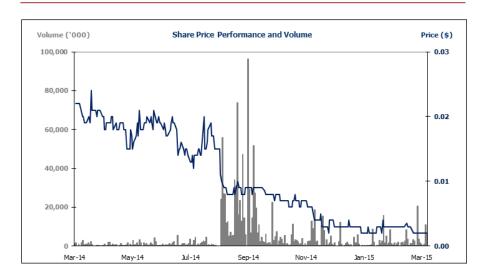
#### **Top Five Shareholders**

| Hancock Prospecting P/L | 13.4% |
|-------------------------|-------|
| Amerril Energy LLC      | 7.1%  |
| Fast Lane Aust. P/L     | 6.8%  |
| Rojo Nero Capital P/L   | 3.5%  |
| UBS Nominees P/L        | 2.4%  |
| Total                   | 33.2% |

#### Notes:

- Performance options convert into ordinary shares upon achievement of certain project milestones (these are detailed in Sun's Notice of General Meeting announced to ASX on 21 November 2011, and also Sun's announcement dated 27 July 2012).
- 2. Unlisted options award to staff and Directors of Sun Resources NL.
- 3. Un-audited cash balance, at 30 June 2015, following an SPP and Placement.

#### **Share Price / Volume History**



#### **Board of Directors**

| Professor Ian Plimer | Non-Executive Director, Chairman |  |
|----------------------|----------------------------------|--|
| Mr. Matthew Battrick | Managing Director & CEO          |  |
| Dr. Wolf Martinick   | Non-Executive Director           |  |

Note: The top 20 shareholders, including Board, hold 47% of shares currently on issue.

## STRATEGICALLY REPOSITIONED FOR SUCCESS



- Recently finalised commercial agreements position Sun for growth and cash flow generation
  - Resolution of Amerril Energy LLC matters delivers to Sun a 100% working interest (WI) in Normangee Oil Project, SW Leona Oil Project and Centerville AMI
  - Agreement reached with Ursa Resources on future development of Badger Oil Project
  - All existing arrangements provide for investment flexibility into Sun at the asset level
- Renewed focus and revised plan for Sun's flagship Normangee Oil Project
  - Newly consolidated lease portfolio currently within Sun's control
  - Sun controls 100% WI in the Jack Howe #1H (drilled, cased and ready to frack)
- Newly consolidated and rationalised asset portfolio is focussed on core oil fairways in highly prospective East Texas region
  - Primary objective of developing the Lower Woodbine target across Sun's portfolio
  - Lower Woodbine lateral well economics likely to be robust @ US\$40 oil price with 40% reduction in 3Q of 2014 drilling and completion ('D&C') costs
  - Can test the recently confirmed, second oil zone; the Buda-Georgetown "bench" in Sun's core lease areas
  - Investigating other self-help opportunities being developed for profitable operations in US\$40 oil price environment

## **SUN'S WOODBINE OIL PROJECT AREAS**



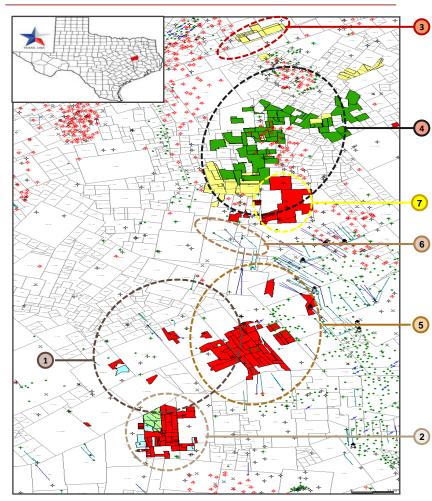
## **Across Leon and Madison Counties, East Texas**

Sun has control of 14,173 net acres across its 5
Woodbine Oil Project areas

#### Project Leasehold Table (as @ 30 June 2015)

| Мар | Project                       | Working<br>Interest<br>(%) | Net Royalty<br>Interest (%) | Acres  |
|-----|-------------------------------|----------------------------|-----------------------------|--------|
|     |                               |                            |                             | Gross  |
| 1   | Southern Woodbine             | 100%                       | 77.5%                       | 2,327  |
| 2   | Normangee                     | 100%                       | 75%                         | 2,282  |
| 3 4 | Delta & P.H. AMI <sup>1</sup> | 25-100%                    | 18-75%                      | 4,054  |
| 5 7 | SW Leona AMI's²               | 100%                       | 75%                         | 4,950  |
| 6   | Beeler                        | 16.7%                      | 12.5%                       | 560    |
|     |                               |                            | Total                       | 14,173 |

#### **Leasehold & Activity Map**



<sup>&</sup>lt;sup>1</sup> Petro-Hunt will exit the AMI, so leases in this AMI can revert 100% to Sun

<sup>&</sup>lt;sup>2</sup> JV partner [Furie] held up to 42% of Centerville AMI but has likely exited

<sup>1&#</sup>x27;2 Both will require future negotiation to secure control (100% WI)

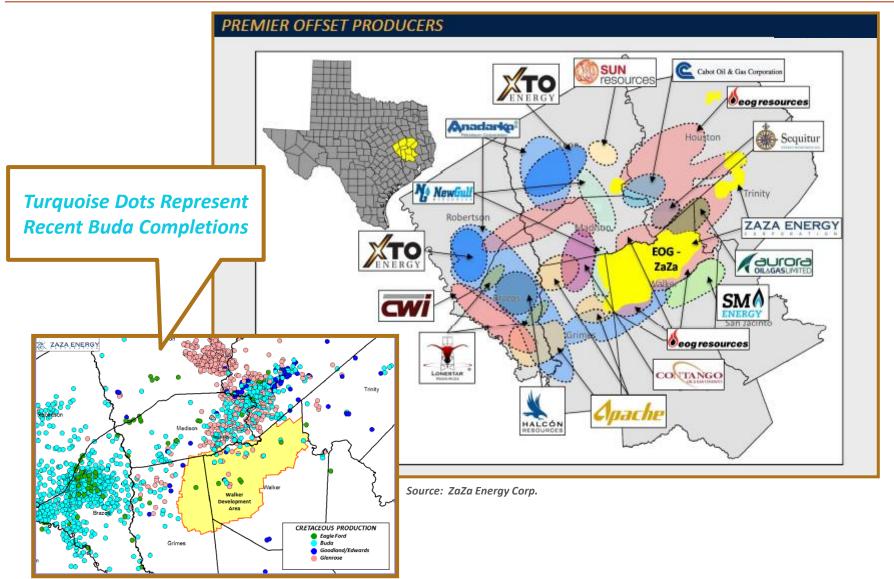
## **NEAR-TERM ACTIONS ACROSS PORTFOLIO**



- Seeking new investor/partner for capital investment at the asset level to fund current planned operations and future development drilling
  - Sun is seeking new capital to frack and complete Jack Howe #1H for early cash flow
  - Adjacent Operators have already de-risked play with 30-day IP's up to 600 bopd
  - Strong positive NPV10 from investment in Jack Howe frack @ WTI = US\$40
- Next operation is to frack and flow-back Jack Howe #1H
  - Multi-stage frack budget likely reduced from US\$4.9mm (2014) to US\$3.5-4mm gross (2015)
  - Generate cash flow from strong initial production (US\$2.5-3.5mm in first year @ US\$40 oil)
  - A number of companies currently engaged in farm-in/funding discussion
  - Phase 2 development programme [in 2016] contingent on 40% drop in well budget; and funding
- Intervention in SW Leona wells to improve production rates
  - Frack: Re-enter T. Keeling #1H to complete multi-stage frack
  - Stack-Frack: Seale #1V deepen and test vertical 'stack-frack' of oil-rich interval
  - Re-Frack: Seale #1H dislodge 'fish' in well to increase oil production (~20 bopd in July 2015)
- Appraisal of Buda-Georgetown potential a strong candidate for near-term value growth
  - Newly emerging play covers Normangee, SW Leona and Delta Oil Projects' lease positions
  - Delta Oil Project is key location for Buda-Georgetown oil target exploitation

## **EAST TEXAS IS NOW AN AREA OF E&P FOCUS**





## **EAST TEXAS STACK-FRACK TARGETS** (including Buda-Rose Section)

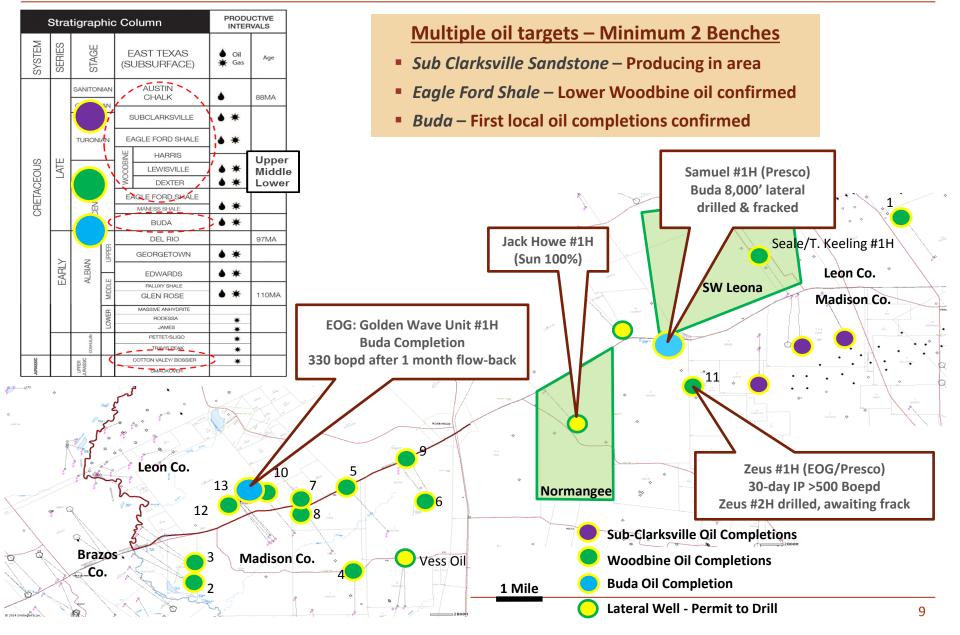


#### East Texas Development Targets INITIATING BUDA ROSE VERTICAL WELL DRILLING PROGRAM Z ZAZA ENERGY **Horizontal Options** Vertical Options **Austin Chalk** Woodbine **Dexter Sands** Lower Eagle Ford Georgetown Kiamichi Goodland/Edwards *不不不不不不不不不不* Glen Rose B Volitile Oil/Wet Gas Glen Rose C Glen Rose D Glen Rose E WWWWWWWWW Glen Rose G 不不不不不不不不不不 Planned Development -Horizontal Wells Vertical Lower Cretaceous ("Buda Rose") Wells 17-25 multi-stage completion Comingled 7+ stage EOG has permitted three well pad targets: Data based on Burk Royalty Co. LTD - Etheridge #1 42-225-31198, Houston Co., TX Stack and Frac completion Horizontal Buda Horizontal Kiamichi Nasdag: ZAZA Horizontal Goodland

Source: Zaza Energy Corporation (2015)

## **BUDA-GEORGETOWN** – NEW "BENCH" DOUBLES RESERVES



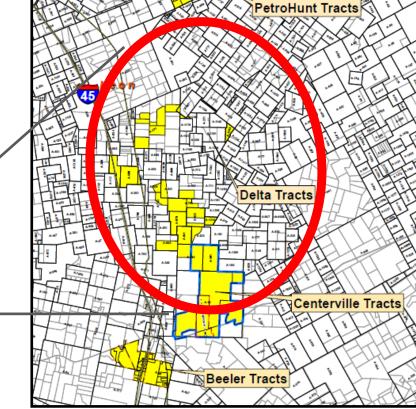


#### **DELTA OIL PROJECT – LARGE BUDA-ROSE STRUCTURE**



#### **Approximate Area of Buda Prospect**

- Large Buda structure mapped with 300 feet of closure
- Oil & gas column tested in old vertical well with 300 feet of log pay
- Warrants initial vertical pilot well to test column height
- Follow up with fracked lateral



#### Note:

Delta lease position (25-100% WI) = 4,054 net acres (@ 30 June'15)

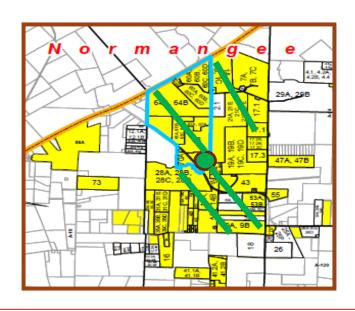
## **USA UNCONVENTIONAL SELF-HELP: HBP Programmes**

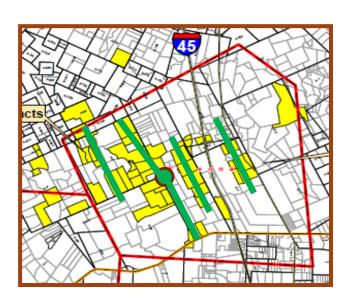


Held-By-Production ("HBP") allows Operators to maintain mineral leases in good standing without full development until oil prices recover.

"Deferring frack & flow-back for 12 months in low oil price environment can improve lateral well economics" (source: EOG Resources Inc., 2014).

3 additional drilling units required to cover entire lease area for both Normangee and SW Leona Oil Projects; pad drilling and shadow frack options also to be considered; infill drilling could be vertical and/or lateral wells.





#### **USA UNCONVENTIONAL SELF-HELP: Stack-Fracks**



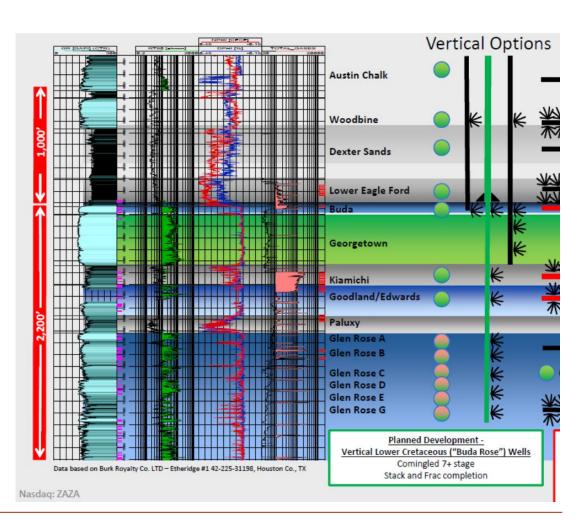
Vertical wells with multiple, vertically stacked, oil zones.

Fracked in stages, just like long horizontal wells.

AFE to D&C <50% of a lateral D&C cost.

Can deliver better returns than laterals in the current oil price environment.

Sun is investigating this for the Seale #1V well.

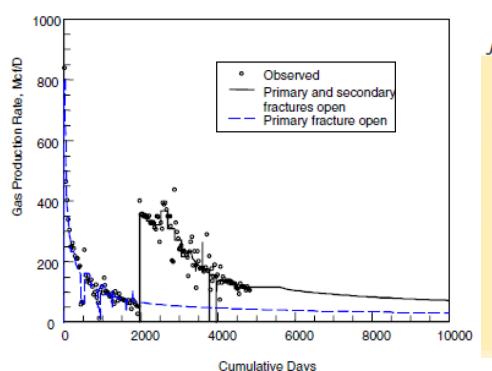


## **USA UNCONVENTIONAL SELF-HELP: Re-Fracking**



Re-fracking has the potential to enhance flow rates and estimated ultimate recovery ("EUR") by re-entering existing, fracked, unconventional lateral and vertical wells.

Sun is investigating this option for the Seale #1H Lower Woodbine lateral.



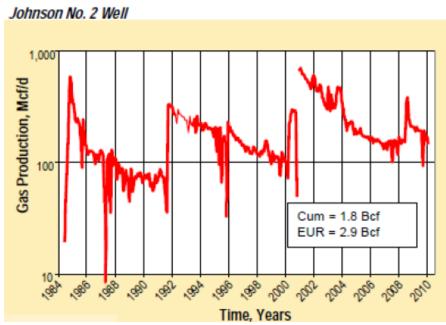


Fig. 2a-Production history of Well C before and after successful refracture treatment

#### **USA UNCONVENTIONAL SELF-HELP:** Stress Shadow Frack



The concept of "Stress Shadow Fracking" (and 'zipper fracks') involves fracking two parallel wells and allowing the fracture networks to 'interfere' with one another to access a larger productive rock volume than either well on its own.

Sun is investigating this option for future wells in Normangee and SW Leona Oil Projects.



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