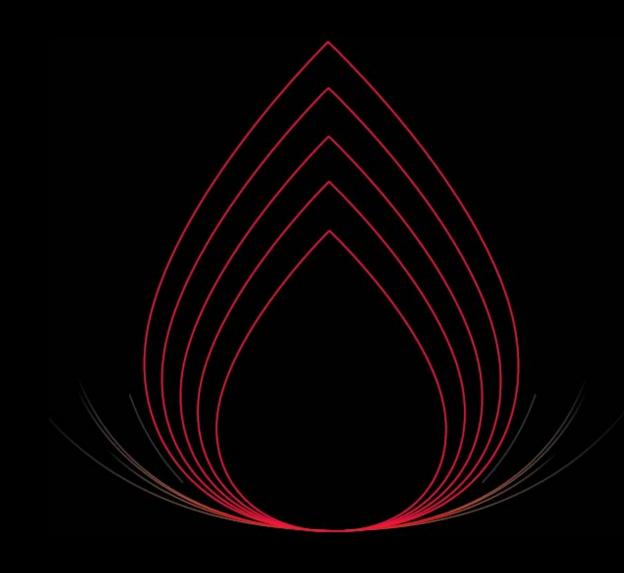


TARGET ENERGY LIMITED

GOOD OIL CONFERENCE
PERTH WESTERN AUSTRALIA

9 SEPTEMBER 2014



DISCLAIMER AND FORWARD-LOOKING STATEMENTS



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Certain statements in this presentation contain 'forward-looking statements' including, without limitation to: expectations, beliefs, plans and objectives regarding production and exploration activities. Any matters that are not historical facts are forward-looking and accordingly, involve estimates, assumptions, risks and uncertainties and other factors discussed in our most recently lodged Annual Report, our website, http://www.targetenergy.com.au, and in our other public documents and press releases. These forward-looking statements are based on Target Energy Limited's ("Target") current expectations, estimates and projections about the company, its industry, its management's beliefs and certain assumptions made by management. No assurance can be given that such expectations, estimates or projections will prove to have been correct. A number of factors could cause actual results to differ materially from the projections, anticipated results or other expectations expressed in this presentation, including, Target's ability to meet its production targets, successfully manage its capital expenditures and to complete, test and produce the wells and prospects identified in this presentation; to successfully plan, secure necessary government approvals, finance and to achieve its production and budget expectations on its projects.

Whenever possible, these 'forward-looking statements' are identified by words such as "expects," "believes," "anticipates," "projects," and similar phrases. Because such statements involve risks and uncertainties, Target's actual results and performance may differ materially from the results expressed or implied by such forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date hereof. Unless legally required, we assume no duty to update these statements as of any future date. However, you should review carefully reports and documents that Target lodges periodically with the Australian Securities Exchange.

NOTE: In accordance with ASX Listing Rules, any hydrocarbon reserves and/or drilling update information in this report has been reviewed and signed off by Mr Laurence Roe, B Sc, Managing Director of Target Energy, who is a member of the Society of Exploration Geophysicists and has over 30 years experience in the sector. He consents to that information in the form and context in which it appears.

COMPANY SNAPSHOT

Overview

- US Permian Basin and Gulf Coast, oil focused
- Offices in Houston, Texas and Perth, Western Australia
- Producing oil & gas and generating strong operating cash flows
- Low-risk, development-led growth
- Actively expanding acreage position in the Permian Basin and Gulf Coast

Shareholder Composition



Key Metrics

ASX Code	• TEX
OTCQX Code (US)	TEXQY
Shares on issue ¹	• 453.7m
Unlisted options on issue ¹	• 25.7m (@7c), 0.8m (@12c)
Share price ¹	 A\$0.061 (TEX) US\$3.35 (TEXQY) (Bid & Ask: \$5.25 - \$6.25)
Market Capitalisation ¹	• A\$27.6m
Adjusted Cash²	• A\$3.8m
Convertible Notes ²	• A\$6.0m – 120m Con. Notes (@5c)

Operating Metrics

Net Daily Production ³	• 212 boepd (approx. 71% oil)		
Gross Acres	• 5,750		
Net Acres	• 2,859		
Net Reserves & Resources ⁴	 1P Reserves: 737 mboe 2P Reserves: 1,000 mboe 3P Reserves: 1,292 mboe 3C Contingent Resources: 862 mbo 		

Notes

As at 29 August 2014. On the OTCQX International platform, Target trades in American Depositary Receipts (ADR's). Each ADR = 100 Ordinary Target Energy shares Cash position and debt position at 30 June 2014. Cash to be augmented by anticipated A\$2.3m in proceeds from 2nd closing in sale of Fairway project due early September.

Average daily production in June quarter 2014. Production figures are net to Target's working interest but before royalties

Reserves and resources as at 30 June 2014. See full list of disclosures and risks related to reserves and resources detailed in ASX release on 5 September 2014. The Company is not aware of any new information or data that materially effects the information included in the previous announcement and believes that all material assumptions and technical parameters underpinning the estimates in the previous announcement continue to apply and have not materially changed.

ALIGNED BOARD AND MANAGEMENT



Chris Rowe		
Chairman		

- 13.0m shares
- BA. MA Economics and Law (Cambridge)
- Over 35 years of legal and commercial experience in the oil and gas and resources sector
- Chairman of ASX listed Northern Star Resources and Hawkesbridge Private Equity
- Sits on the advisory committee of US-based Avalon Oil and Gas Production Partnership
- Former Executive Chairman of Cultus Petroleum NL, Chairman of International Oilex (TSX) and Deputy Chair of UTS Energy (TSX)

Laurence Roe Managing Director

- 8.6m shares
- BSc
- Co-founder of Target Energy Limited
- Petroleum professional with over 30 years global industry experience
- Held senior and consulting positions with numerous Australian companies including Magellan Petroleum and Hardman Resources
- Former Managing Director and Exploration Manager of Bounty Oil & Gas NL (ASX)

Stephen Mann Non Executive Director

- 21.3m shares
- CA, Fellow of Institute of Chartered Accountants of Australia
- Over 30 years of experience in public practice with over 25 years experience in the resources sector
- Non-Executive Director of Altus Renewables Limited
- Former Managing Partner of BDO Chartered Accountants and founder of BDO's Corporate Finance Division

Dr. Ralph Kehle Chairman of TELA (USA) (subsidiary)

- 2.6m shares
- PhD, MS, BS (Hons)
- Over 50 years industry experience. Credited with the discovery of multiple large oil and gas fields in Northern America
- President of Eichen Petroleum Management, Inc. Manager of Avalon Oil and Gas Production Partnership
- Former CEO and Chairman of Hershey Oil Corp. He has also held senior positions with Exxon Mobil, a variety of exploration and production companies and was the founder of TKA Exploration Limited and OilTex International Limited
- Former Associate Professor of Geological Sciences at the University of Texas (Austin)

CLEARLY DEFINED STRATEGY



Target's strategy has three key elements which focus on proven oil basins, attractive well economics and partnerships.

Strategy

- Focus on US resource plays with attractive, repeatable well economics
- Acquire and develop assets in proven oil plays utilising advanced drilling and completion technologies
- Leverage strong relationships with local partners to expand portfolio in areas of interest

Aerial View of the Howard Glasscock Field, adjacent to Target's Permian Basin leases



PRODUCING ASSETS IN TEXAS AND LOUISIANA



Active in West Texas and the Texas & Louisiana Gulf Coasts Target Energy US Assets

Section 28

St Martin Parish, La

East Chalkley

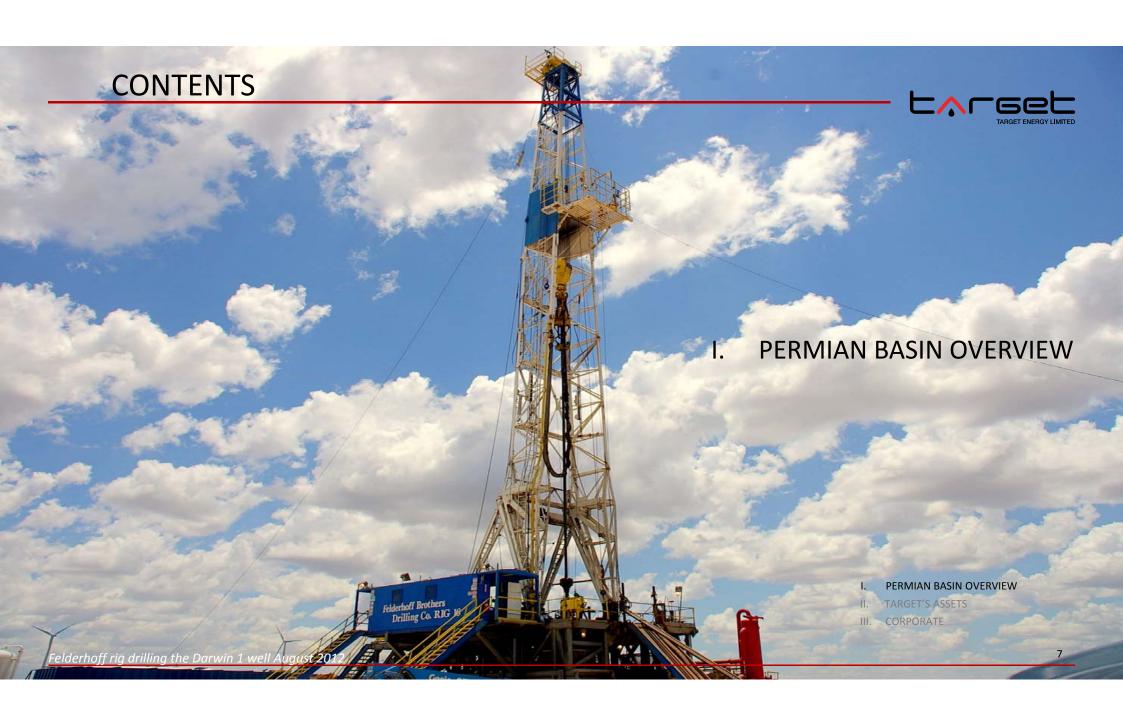
Cameron Parish, La

Wharton Co, Tx

Fairway

Howard County
Glasscock County, Tx





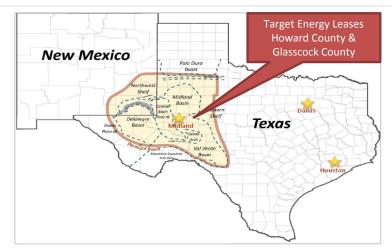
PERMIAN BASIN



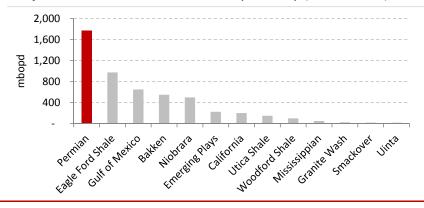
The Permian Basin is the most prolific and coveted onshore basin in the US.

- Current daily production: 1.3 million barrels of oil and 4 billion cubic feet of gas; more than 3 times Australia's oil output²
- Oil production growth: 1.8 mmbopd by 2016³
- Relative growth: oil production growth expected to be almost double the Eagle Ford Shale to 2018⁴
- **Gas quality:** gas produced is often liquids rich, attracting substantial premiums to the US 'dry gas' (methane) price
- Reserve growth: 29% of estimated US oil reserve growth in the US is expected to come from the Permian Basin⁶
- Drilling activity: 542 drilling rigs are operating in the Permian Basin, compared to Australia's total operating rig count of 21 rigs⁷
- Corporate activity: largest US onshore merger and acquisition (M&A) market in 2012 and 2013. Valuations are rising as resource plays are being de-risked⁸

Regional Map of Permian Basin ¹



Projected Oil Production Growth by US Play (2013 -2018)⁵



Notes:

. Apache Energy

US EIA, HPDI, LLC, BP and APPEA - figures relate to 2012 production.

Bentek, University of Texas, APPEA estimates.

4. Bentek estimates.

credit Suisse estimates.

North American Shale Quarterly.

Baker Hughes rig count (25 April 2014).

RBC Richardson Barr. US onshore M&A includes transactions over US\$100m.

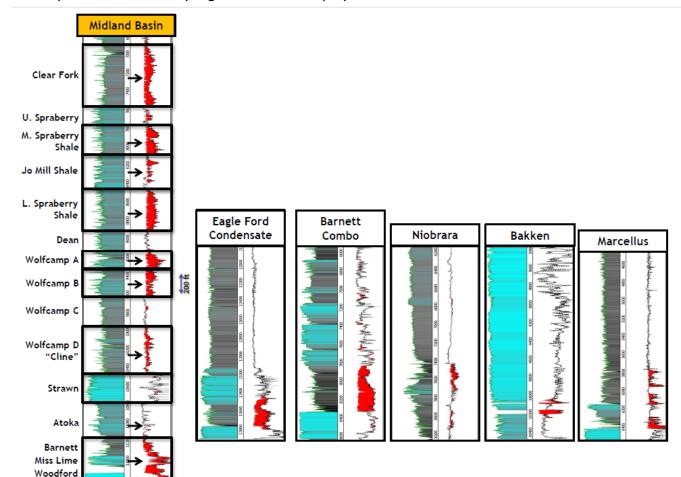
STACKED PAY, THE KEY DIFFERENTIATOR

Stacked pay increases the volume of oil in place and reduces risk.

A comparison of resistivity logs in US shale oil plays

Notes:

Pioneer Natural Resources





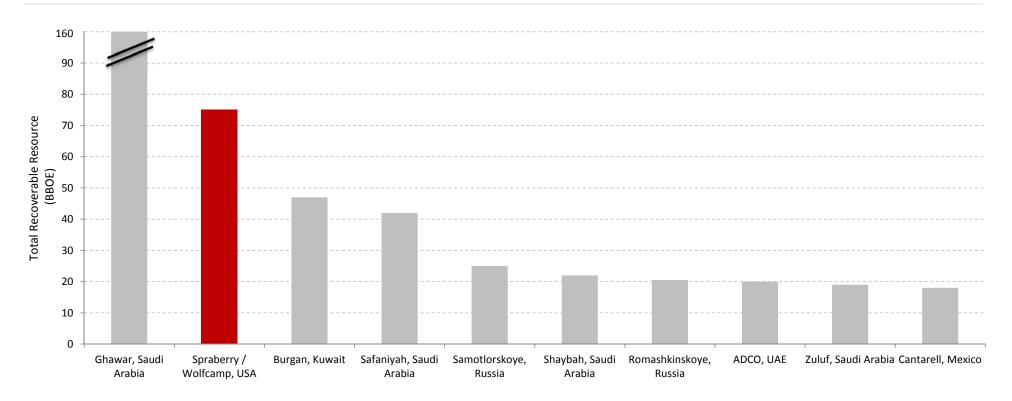
- Stacked pay: Midland Basin resistivity logs illustrate (in red) multiple hydrocarbon bearing zones (around ~3,500ft in gross pay)
- Differentiator: stacked zones sets the Midland Basin apart from other US shale oil plays
- Greater oil-in-place: the Wolfcamp and Spraberry shales in the Midland Basin have significantly more oil in place than other US shale oil plays ¹
- Low risk: multiple target zones reduce overall risk

WHY THE PERMIAN BASIN? - GO WHERE THE OIL IS



Spraberry / Wolfcamp field in the Permian Basin is the world's second largest oil field.

World's Largest Oil Fields (BBOE) 1,2



PERMIAN BASIN – A BLUE CHIP BASIN



Oil majors are highly active in the Permian Basin.

2014 Permian Basin Capital Budgets of Leading Independents ¹

Company Name	2013 Hydrocarbon Production	Market Cap. ²	2014 Permian Basin Capex Budget
	(mmboe)	(US\$ billion)	(US\$ billion)
Occidental Petroleum	53.2	76.5	2.2
Pioneer Natural Resources	58.9	28.1	2.4
Apache Energy	46.4	34.6	2.6
Concho Resources	33.6	13.8	2.3
Cimarex Energy	19.5	10.5	1.2
Energen	14.2	5.8	1.0
Laredo Petroleum	11.2	4.2	1.0
Athlon Energy	4.6	4.0	0.6

- "Permian oil production is Oxy's most profitable business" (Occidental Petroleum)
- "Accelerating Activity...6X investment, 7X operated rig count in 3 years" (Apache Energy Corporation)
- "The Permian represents the "prize" for oil shale drilling, given the large amount of vertical pay (productive rock) that can be drilled horizontally using new techniques. The Permian will likely support a higher density of wells per acre (downspacing) than any other shale play in the US." (Credit Suisse)

Notes

SEC filings

Bloomberg as at 30 April 2013.

CONTENTS





PERMIAN BASIN - FAIRWAY PROJECT



Target retains its focus on the Permian Basin focused company and is committed to expanding its high quality portfolio.

Map of Target's Fairway Project in the Midland Basin⁴

Location	Howard & Glasscock Counties, Tx	Howard Count	
Leaseholding	 4,653 acres (gross) / 2,513 acres (net) 	Homar #1 Darwin #4	Darwin #1, #2 & #3
Working Interest	■ 35-60% - average 54%	BOA North #5	
Operator	 Trilogy Operating Inc. 		
Gross Production	 344 boepd (8 wells) 	BOA North #4	
Net Production ¹	 191 boepd (8 wells) 	BOA 12 #1, #3	Sydnov #1 #
Net Reserves ²	1P Reserves: 658mboe2P Reserves: 876mboe3P Reserves: 1,107mboe		Sydney #1,#
Estimated Well Capex (100%) ³	US\$1.8m per vertical well		
Planned 2014 Work Program	 2014 ten-well drilling program now underway Ongoing petrophysical analysis Additional leasing 		Taree #1 Wagga Wagg
Comments	 Target has up to 116 well locations on 40 acre well spacing 	Glasscock Cou Target Lease-holdings Wells Drilled / Drilling Q3 /Q4	nty 4 2014 Drilling Program Hov

Average Daily Production during June quarter 2014. Figures are net to Target's working interest but before royalties.

Reserves as at 30 June 2014. A full list of disclosures and risks related to reserves is detailed in ASX release on 5 September 2014. See Note 4 on page 3 of this presentation for additional disclosures relating to reserves.

Assumes completion in the Wolfberry with fracture stimulation.

DrillingInfo Aug 2014.

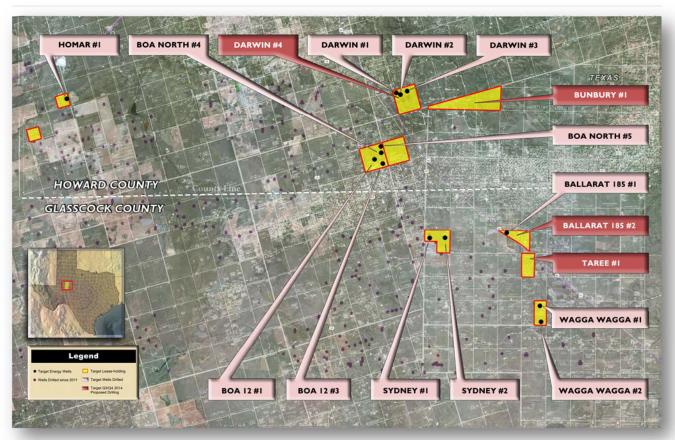
PERMIAN BASIN - FAIRWAY PROJECT



Prospectivity in the Permian Basin is evidenced by high levels of drilling activity.

Map of Target's Fairway Project in the Midland Basin

Regional Activity	 2,914 new wells drilled below 6,000 ft in Howard and Glasscock Counties since Jan 2011.
Local Activity	 371 wells drilled below 6,000 ft just in the Fairway region in Howard and Glasscock Counties since Jan 2011 (right).
Target Energy	 17 wells to be drilled in Fairway region in Howard and Glasscock Counties 14 of the 17 already drilled or drilling.



PERMIAN BASIN – FAIRWAY DEVELOPMENT PLAN



Multiple potential completions per well.¹



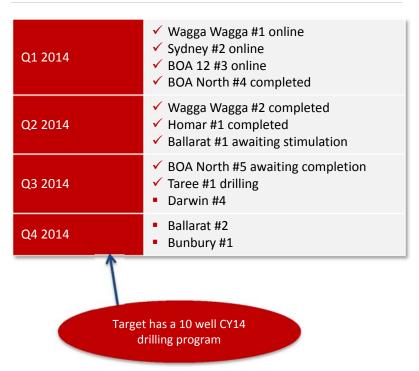
- Up to 110 well locations (40 acre spacing)
- Multiple completions per well¹
- Phase 1: complete in the Fusselman conventional (carbonate) reservoir strong IP rates, good EUR's and potential 5-6 year producing life
- Phase 2: Fracture-stimulate relevant Wolfberry zones 20+ years producing life
- Cline upside: potential to drill laterals into the Cline Shale

PERMIAN BASIN – FAIRWAY ACTIVITY

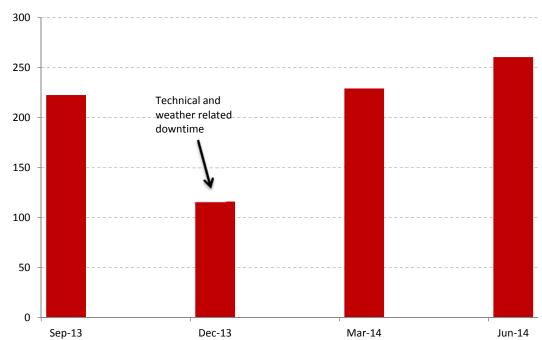


The accelerated pace of drilling is starting to show through increasing production figures.

Fairway Project Planned Activity 2014¹



Fairway Project Gross Quarterly Production FY14 (BOEPD)

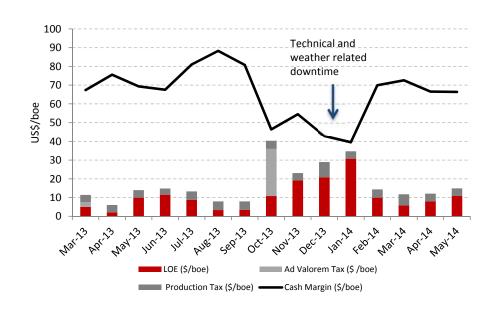


PERMIAN BASIN - FAIRWAY PRODUCTION GROWTH

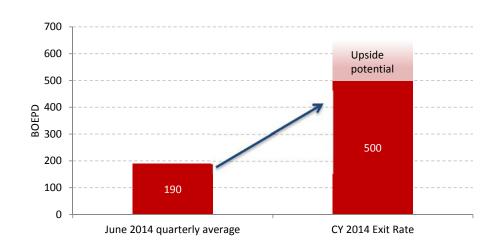


Cash margins are strong at Fairway and production is estimated to rise c.160% by the end of 2014.

Lease Operating Expenses, Taxes and Cash Margins (\$/boe)



Estimated Average Daily Net Production^{1,2}



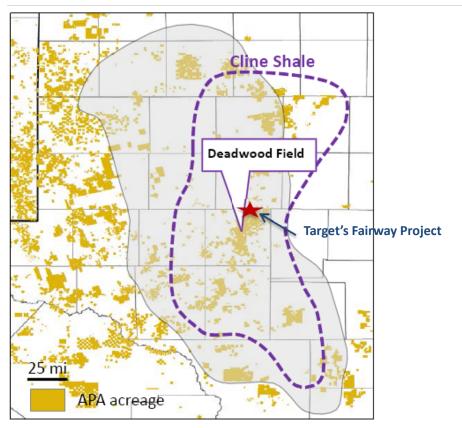
Production estimates are net to Target's working interest but prior to royalty payments to landowners. June 2014 quarterly average boepd includes a period prior to the sale of an interest in Fairway to Victory Energy Inc., where Target held a c.60% WI in Fairway. Target's current Fairway WI is c.50%.

PERMIAN BASIN - SHALE PLAYS DRIVING GROWTH



Fairway is positioned in centre of two active shale plays.

Map of Apache's Permian Basin Interests¹



Execution - Pad Drilling Example (courtesy Laredo Petroleum) ²



Notes:

Apache Energy Corporation

Reserves estimate shown is derived by Laredo and is indicative of results that may be achieved from a 64 well program on their lease-holdings. Target has not made any assessment of horizontal drilling potential in it's Fairway

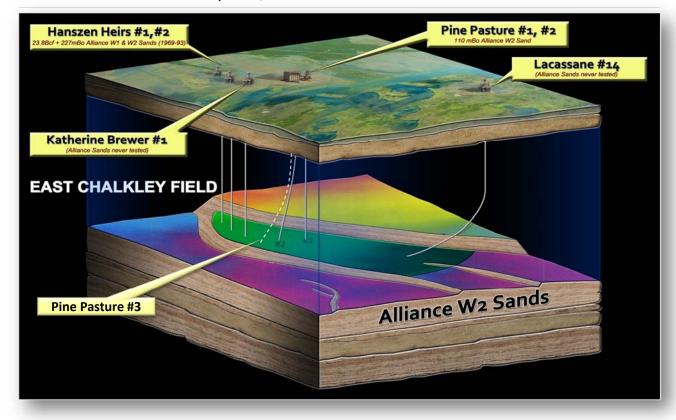
OTHER ASSETS - EAST CHALKLEY FIELD

Partners plan to increase oil recovery through a waterflood.



Schematic of the East Chalkley Field, Cameron Parish

Acres Held	■ 714 gross / 250 net		
Working Interest	• 35%		
Operator	 Magnum Hunter Resources 		
Gross Production	20 boepd (1 well)		
Net Production ¹	■ 7 boepd		
Net Reserves ²	 1P Reserves: 30.8mboe 2P Reserves: 66.0mboe 3P Reserves: 110.6mboe 3C Resources: 861.8mbo 		
Estimated well capex	 US\$3.0m per deviated well (drilled and completed) 		
Work Program	Field workover (Q4 2014)Potential for waterflood		
Comments	 Potential to drill additional producing wells to maximise recovery 		



Notes:



RESERVES & RESOURCES

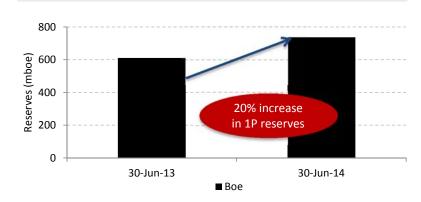


2014 Reserves assessment has increased Target's 1P reserves by 20%. Oil constitutes 66% of 1P and 2P reserves.

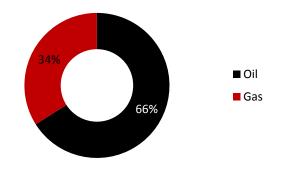
Target's Net Reserve & Resource Position¹

Category		Net Reserves & Resources	
	Oil (mbbls)	Gas (mmscf)	BOE (mboe)
Proved Developed Producing (PDP)	101.9	322.3	155.6
Proved Developed Not Producing (PDNP)	29.1	192.2	61.2
Proved Undeveloped (PUD)	356.2	964.5	517.0
Total Proved Reserves (1P)	487.2	1479.0	733.7
Probable	173.8	534.7	262.9
Total Proved & Probable Reserves (2P)	661.0	2013.7	996.6
Possible	188.1	604.4	288.8
Total Proved, Probable & Possible Reserves (3P)	849.1	2618.0	1285.4
Low Estimate Contingent Resources	-	-	-
Best Estimate Contingent Resources	334.3	0.0	334.3
High Estimate Contingent Resources	527.5	0.0	527.5
Total Contingent Resources (3C)	861.8	0.0	861.8
Total Reserves & Resources	1,710.8	2,618.0	2,147.2

Growth in 1P Reserves



Composition of 2P Reserves



CASH FLOWS



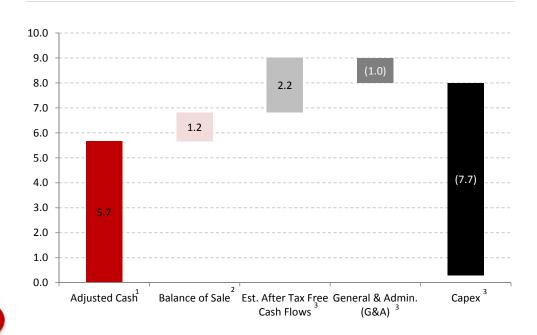
Production and cash flows are expected to grow strongly in the second half of CY14.

Comments

- Operating cash flows: expected to rise materially as new wells are placed on stream
- G&A costs: very modest cost base covered by after tax free cash flows
- Alignment: low salary costs (G&A costs) and high share ownership of Management and Directors creates alignment with shareholders

- By end CY14 Target expects to have 17 wells in production at Fairway.
- Production target is approx 500 boepd net with potential net cash flows over US\$0.5m /mo

Projected Cashflow Waterfall, June to December 2014 (US\$m)



Notes:

Cash as at 30 June 2014 adjusted for proceeds received on 30 June 2014 and cash anticipated in early Sep 14 from the balance of a sale of a 10% WI in Fairway (excluding Sydney leases). Cash has been converted to USD at AUD:USD 0.93

Funds potentially realised from a later sale of a 10% WI in the Sydney leases, or an equivalent value lending facility or capital raising . Target internal estimates using assumptions on page 24.

SUMMARY



- Target Energy remains active with a 10-well drilling program underway in our Permian Basin Fairway Project – a 150% increase over our 2013 activity
- Expect to have 17 wells in production at Fairway by the end of 2014, which is anticipated to drive material increases in production, cash flows and potentially reserves
- Production growth in the Permian Basin is expected to surpass all other US onshore basins —
 Target Energy is one of very few Australian listed companies that has an established and growing foothold in this prolific basin
- Target will continue to evaluate new prospects and opportunities for expanding its oil and gas portfolio in the Permian Basin and Gulf Coast

DEFINED TERMS, ASSUMPTIONS AND RISKS



DEFINED TERMS

- "\$" or "US\$" means United States (US) dollars, unless otherwise stated.
- "B" or "b" prefix means billion
- "bbl/s" means barrel/ s
- "bopd" or "boepd" means barrels of oil per day and barrels of oil equivalent per day, respectively
- "boe" means barrels of oil equivalent. Target reports boe using a gas to oil conversion based on equivalent thermal energy, i.e. 6000 cubic feet of gas = 1 barrel of oil
- "IP" or "IP rate" means the initial production rate
- "IRR" is the internal rate of return
- "EUR" means estimated ultimate recovery the recoverable hydrocarbons over a well's producing life
- "M" or "m" prefix means thousand
- "mcfgpd" means thousand cubic feet of gas per day
- "MM" or "mm" prefix means million
- "NGL" means natural gas liquids.
- "NRI" means net revenue interest (after deduction of royalties)
- "pd" or "/d" suffix means per day
- "PV10" or "NPV10" means, unless otherwise stated, the net present value of future net revenue, after deductions for operating and capital expenses, production taxes and ad valorem taxes, but before corporate income tax and corporate overheads, using a real, pre-tax discount rate of 10%.
- "scf" means standard cubic feet
- "WI" means working interest within leases

ASSUMPTIONS FOR WELL ECONOMICS

- Type curves are estimated using data from Target's existing producing wells and offset wells. The type curves represent what Target believes to be average type curves and are not representative of the best or worst type curves.
- Fusselman type curves assume the wells are placed on pump and exhibit a low rate of decline before water break through. This profile has been exhibited by offset wells drilled by Target's
- Oil prices and gas prices are based on a the WTI Crude Oil Benchmark and the Henry Hub Gas Benchmark. Pricing adjustments are made to these benchmark prices to account for quality, transportation fees, marketing bonuses and regional price differentials. Three different oil prices scenarios have been presented. In each case the oil price is expected to be flat over the duration of the well's producing life at either \$80/bbl, \$90/bbl or \$100/bbl. Benchmark gas prices are estimated as being flat at \$4.0/mscf under all scenarios.

 Total capex is estimated at \$1.7m for a Fusselman well, \$2.1m for a Wolfberry well and \$2.4m for a Wolfman well. Opex is assumed to be \$5,000/well/month.
- Other economic parameters including, but not limited to: percentage of oil production, royalties, production taxes and working capital movements are based on Target's current operating parameters.

ASSUMPTIONS FOR EAST CHALKLEY FIELD NPV (10%)

- Type curves are estimated using data from Target's existing producing wells and offset wells.
- A flat oil and gas price of \$90/bbl and \$4/mscf has been used for the East Chalkley Field NPV (10%).
- The 'most likely' case assumes drilling 4 producing wells and 2 injectors over 2 years. The 'upside' case assumes drilling 7 producing wells and 3 injectors over 3 years.
- Well capex is estimated at \$3.0m for a deviated well. Opex is assumed to be \$7,500/well/month.
- Other economic parameters including, but not limited to: percentage of oil production, royalties, production taxes and working capital movements are based on Target's current operating parameters.

KEY RISKS ASSOCIATED WITH WELL ECONOMICS AND EAST CHALKLEY FIELD NPV (10%)

- Benchmark oil and gas prices may change.
- Well production performance may differ from estimated well performance.
- Target's current operating parameters (listed above) may not be representative of future operating parameters.
- A number of factors could cause actual results to differ materially from the projections, please see page 2 for disclosure on forward looking statements.



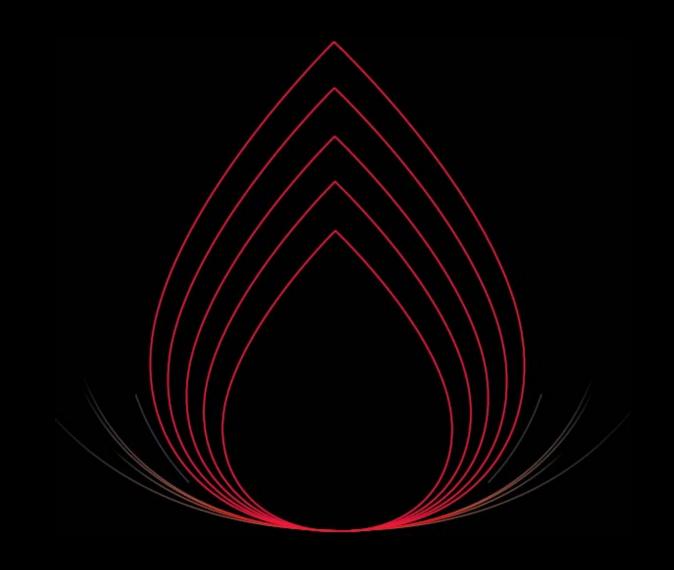
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