# TETHYS OIL

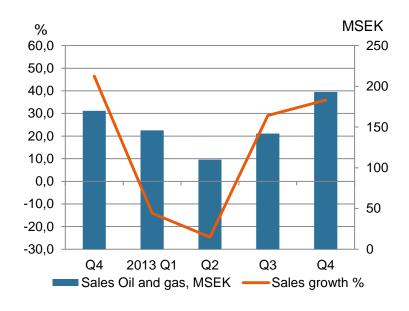
Q4 and full year 2013

# **Q4 Highlights**

- 21 per cent increase in product compared to fourth quarter 2012.
- Year-end audited reserves Block 3&4 Oman net to Tethys:
  - 1P reserves 10.7 million barrels (5.3)
  - 2P reserves 15.2 million barrels (14.3)
  - 3P reserves 20.0 million barrels (18.7)
- Second appraisal well on the B4EW4 structure flows in excess of 2,000 barrels per day
- Record flow rates from third appraisal well flows in excess of 3,000 barrels per day
- Record net sales of MSEK 193 (170)
- EBITDA of MSEK 148 (193)
- Net result MSEK 45 (145)
- Earnings per share SEK 1.26 (4.07)



## Sales

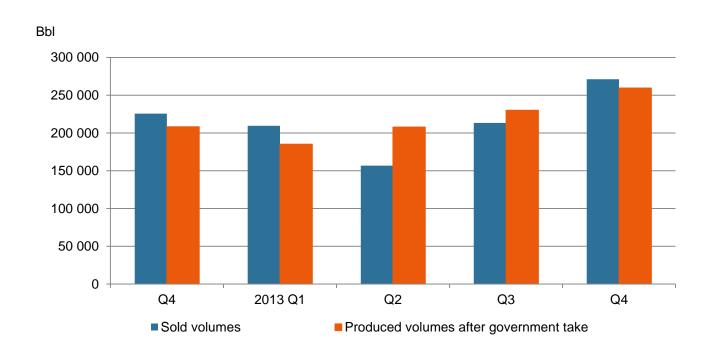


	Q4 2013	Q4 2012	2013	2012
Sales (MSEK)	193	170	592	584
Sales growth (%)	36	47	14	461

- Record Net oil sales
- Increase in underlift position of 14 000 barrels during 2013 compared to decrease of 76 000 barrels in 2012
- 3 % lower oil price
- 4 % higher SEK in relation to USD



## Sales - over & underlift



- Underlift position per 31 Dec, 13,752 barrels
- Underlift decrease in Q4 of 17,144 barrels



## Oil price development

	Q4 2013	Q4 2012	2013	2012
Average selling oil price (USD/barrel)	108.47	111.71	106.63	110.35

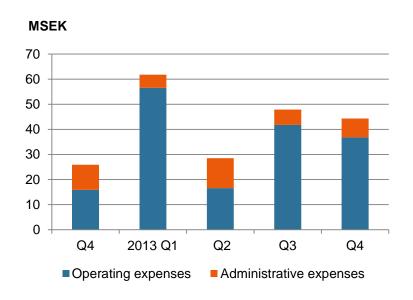
#### **Spot Brent and Omani Blend Futures**



- Secured oil price in 2014 put options at strike USD 90 per barrel
- Options amount to 65 000 barrels per month
  - Feb-Dec average premium USD 1.37 per barrel



## **Expenses**



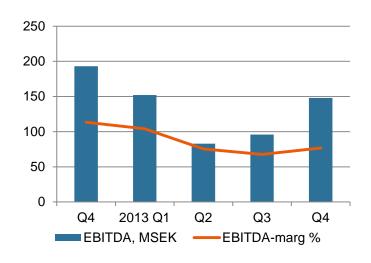
	Q4 2013	Q4 2012	2013	2012
Operating expenses (MSEK)	36.8	15.9	151.9	95.5
Administrative expenses (MSEK)	7.5	10.0	30.7	29.2

- Opex significantly impacted by transfer of late incoming expences from 2012 and well work overs
- Opex per barrel USD 13.6 (10.4)
  - direct production costs USD 7.5 (7.8)

Q4 2012 and Q1 2013 EBITDA include revenues from associates (Lithuania) and the Mitsui bonus.



## **EBITDA**

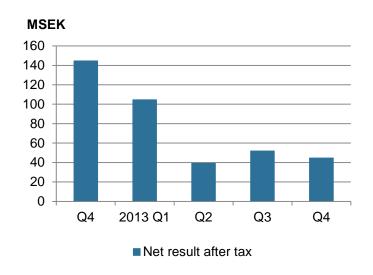


	Q4 2013	Q4 2012	2013	2012
EBITDA (MSEK)	148	177	479	530
EBITDA (%)	77	114	81	91

- EBITDA margin grow in line with production excl one off effects
- Q4 2012 include revenues from associates (Lithuania) and Q1 2013 the Mitsui bonus



## **Net result after tax**



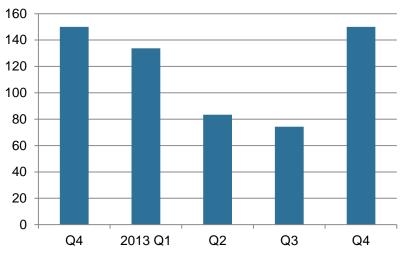
	Q4 2013	Q4 2012	2013	2012
Net result after tax (MSEK)	45	145	240	314

Net result after tax affected by:

- Exploration costs of MSEK 56 (5), relating to Block 15
- Higher depreciation due to higher investments
- Higher Opex due to timing effects, work over wells and B4EW4 test production
- No dividend



## **Cash flow**



■ Cash flow from operations before changes in working capital

	Q4 2013	Q4 2012	2013	2012
Cash Flow (MSEK)	150	150	442	467

 Increased interest payment from Q4 2012 due to the bond loan



# **Balance Sheet Q4 2013**

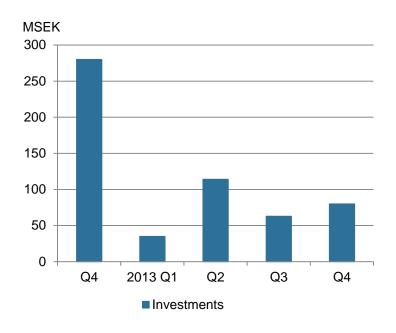
Cash (MSEK)
Shareholders equity (MSEK)
Long term debts (MSEK)
Equity per share (SEK)

Cash per share (SEK)

2013-12-31	2012-12-31
248	295
1,100	860
422	417
30.96	24.20
6.98	8.30



## **Investments**



	Q4 2013	Q4 2012	2013	2012
Investments (MSEK)	80	280	289	875

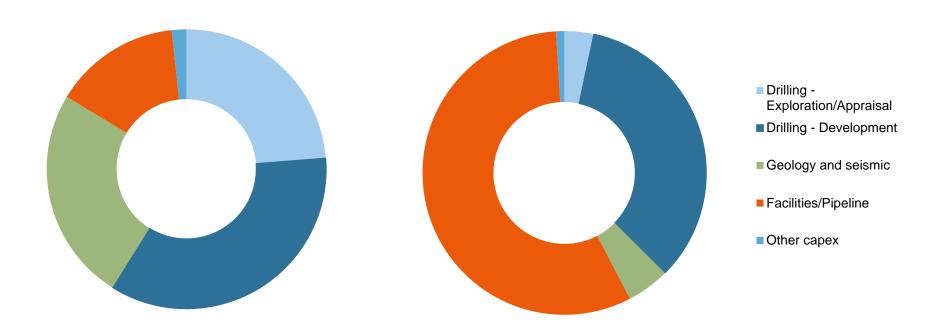
- Majority of investments were made on Blocks 3 & 4
- Focus on appraisal drilling, seismic and water injection programmes
- Lower investments than budget due to deferred infrastructure investments and delayed third rig
- About MSEK 27 spent on Block 15



# **Blocks 3 & 4 JV:s investments**

10 months 2013

12 months 2012





## **Share price**





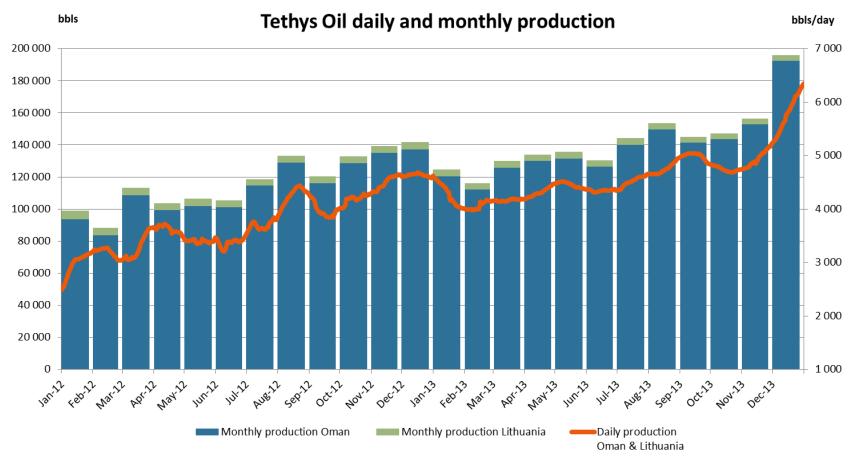
# **Share price development – 1Y**



Shelton Petroleum and PA Resources excluded



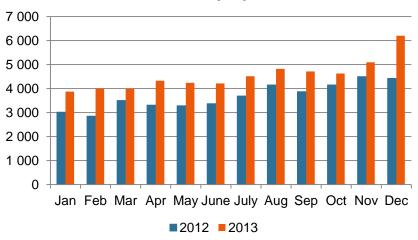
## **Total production**





# **Oman production**

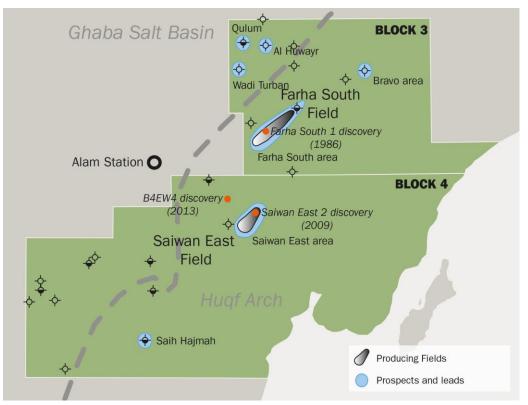
Oman - Daily production Tethys' share (bo)



- Record production in Q4
- Average daily production 5,310 bbl
- Production from: Farha South, Saiwan East and test production B4EW4
- The JV's share of production currently 52 percent
- January new record production of 6,418 bbl



# Oman - Block 3 & 4 update

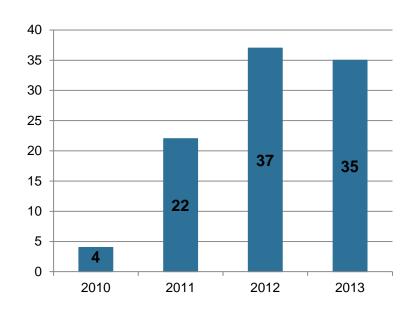


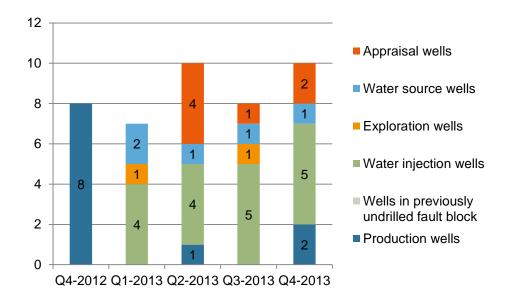
- Appraisal drilling on B4EW4 confirmed presence of oil and in long term production test
- Exploration well in B4EW5 wet and work to increase flow is undertaken
- Appraisal well B4EW4-6 flows in excess of 3,000 bopd
- Exploration well ongoing in nearby area B4EW6
- Modern seismic covers less than 10% of the block area

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## **Wells in Oman**





- 35 wells completed in 2013
- Appraisal wells in B4EW4 area
- Water injection and production wells on Farha South



# **Appraisal and exploration wells 2013**

#### **B4EW4**

Well	Date	Type of well	Target reservoir	Result
B4EW4	February	Exploration	Multiple	Oil
B4EW4-2	June	Appraisal	Middle Buah	No flows
B4EW4-3	June	Appraisal	Lower Al Bashir	Oil
B4EW4-4	July	Appraisal	Lower Buah	Oil
B4EW4-5	November	Appraisal	Lower Buah	Oil
B4EW4-6	December	Appraisal	Lower Buah	Oil

#### **B4EW5**

Well	Date	Type of well	Target reservoir	Result
B4EW5	Sept	Exploration	Multiple	Oil

#### **B4EW6**

Well	Date	Type of well	Target reservoir	Result
B4EW6	On-going	Exploration	Buah	On-going



## **Development of reserves**

Development of reserves, mmbo (Audited by DeGoyler and MacNaughton)				
	1P	2P	3P	
Total Dec 31, 2012	5.3	14.3	18.7	
Production 2013	-1.7	-1.7	-1.7	
Revisions	5.7	0.1	-1.6	
Discoveries	1.5	2.5	4.6	
Total	10.8	15.2	20.0	

- 1P reserves doubled increase of 200% since 2012
- 2P increase of 21%
- 3P increase of 18%
- Reserve replacement ratio 153%

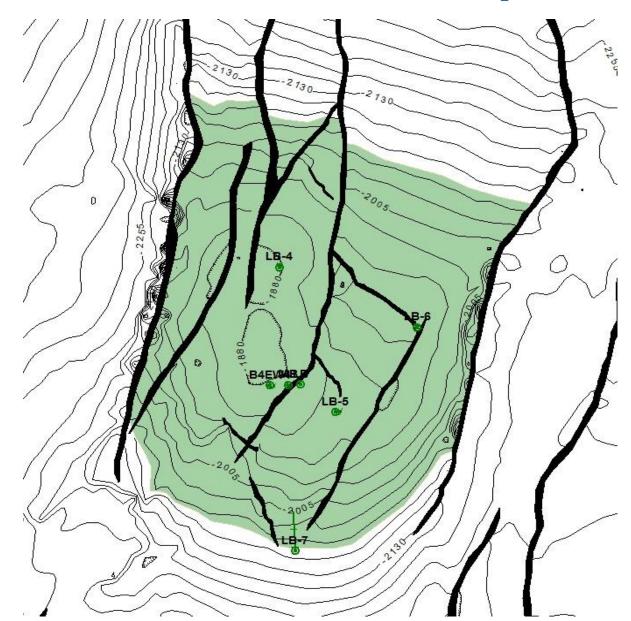
## **Current reserves**

Reserves 31 December 2013, mmbo (Audited by DeGoyler and MacNaughton)				
	1P	2P	3P	
Farha South	8.9	11.7	13.5	
Saiwan East	0.6	1.2	2.6	
B4EW3	0.0	0.2	0.3	
B4EW4	1.2	2.2	3.7	
Total	10.8	15.2	20.0	

- Farha South field reserves are from the Barik reservoir
- Saiwan East field, including the B4EW3 area reserves, are in the Khufai reservoir
- B4EW4 area reserves are in the Lower Buah reservoir

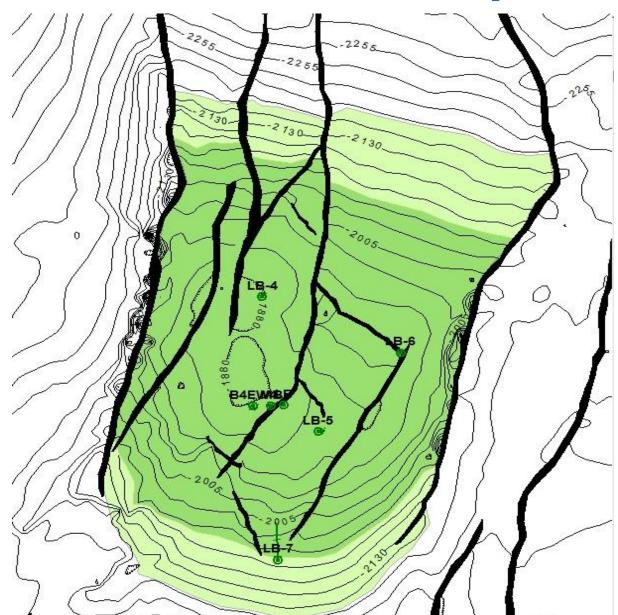


# **B4EW4 Structure Seismic Interpretation**





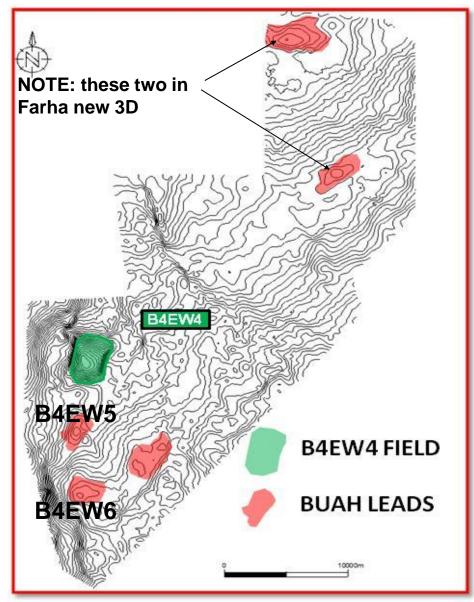
# **B4EW4 Structure Seismic Interpretation**





# **B4EW4** and **Buah Prospects/Leads**

- B4EW4 3 wells
   producing from Lower
   Buah. 2P reserves 2.2
   million barrels. Appraisal drilling continues
- B4EW5 tested oil, evaluation on-going
- B4EW6 well in progress





## **Farha**

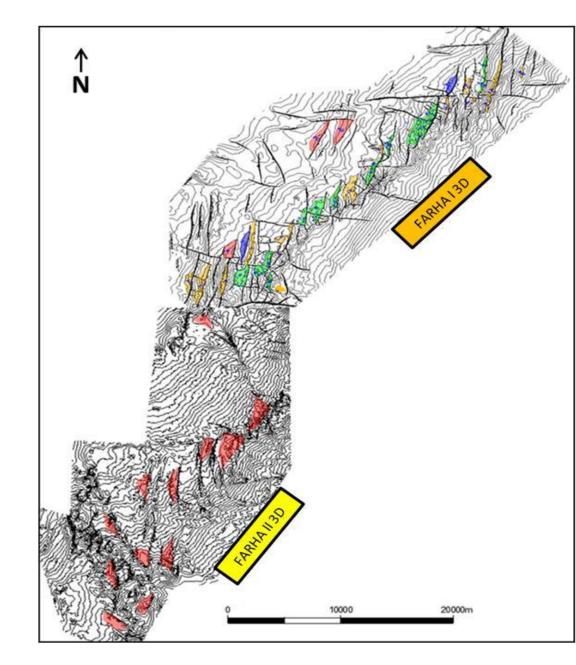
## Farha Old 3D

Producing Barik FB: 16

New FB drilled 2013: 1 (FS-68 in A

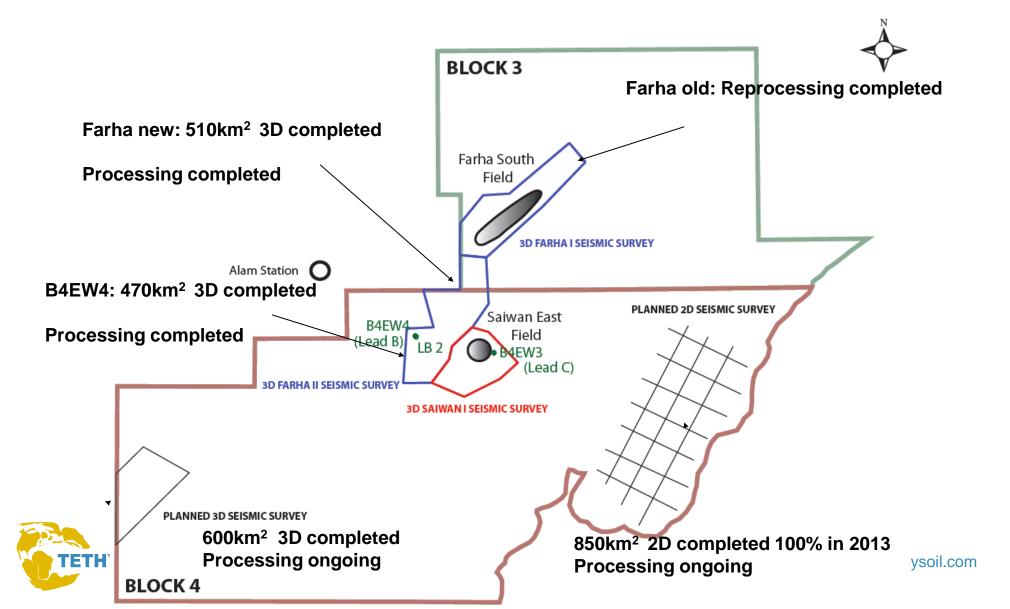
### Farha New 3D

Leads South Farha South





## **Seismic Activities**



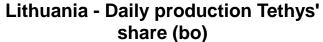
# **Oman - Block 15 update**

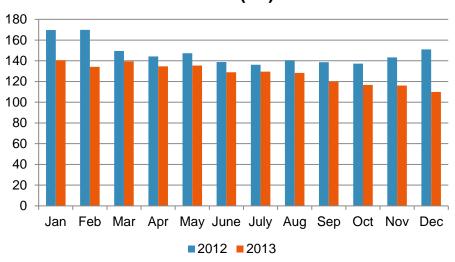


- Sidetrack to JAS-2 completed in October
- Disappointing results from production test for both JAS-1 and Jas-2
- Production test terminated
- Evaluation of other opportunities on the Block



## **Lithuanian production**





- Average daily production 114 bbl in Q4
- Declining production according to plan
- Evaluation of various production enhancing techniques



# Lithuania - Gargzdai update



- 7 producing fields
- Production declining according to plan
- A pilot Co<sub>2</sub> production enhancement project carried out
- 2-3 undrilled conventional prospects
- Exposure to thick shale sections prospective for shale oil/shale gas
- Cores and other data collected in shale section for analysis



# **Lithuania – Rietavas update**



Conventional exploration and shale exposure. Work programme fully funded by Chevron\*

- Soviet era Silale discovery successfully appraised
- Silale-1 and Silale-5 in intermittent production
- Exploration well Rietavas-1 in progress.
   Cores currently undergoing analysis
- Preparations for a further exploration well in the southern part
- Preparations for a 3D seismic programme



\*Chevron has an option to acquire part of Tethys' interest

# Lithuania - Raseniai update



Exploration for conventional oil in Silurian Reefs and other carbonates

- Twin of Soviet era stratigraphic well, Lapgiriai-1 drilled during spring presence of oil confirmed.
- 3D seismic study, partly funded by EU completed. Processing ongoing suggests both reefs and matrix fractures present



## **Outlook 2014 Oman and Lithuania**

- B4EW4 appraisal to continue
- Several Lower Buah prospects to be drilled
- Farah South and South Farah South exploration/apprasial drilling
- Inhouse estimate of 3-20 mmbbl potential in Barik, Lower Buah, Khufai 'near field' exploration drilling
- 'Far field' exploration drilling in Masirah Graben and Western part of Blocks 3 and 4
- Farah South water injection prgramme to continue
- Rasinai license seismic processing to be completed





