A tall, lattice-structured oil rig stands in a natural setting. The rig is blue and white, with a ladder on its side. It is situated on a grassy bank next to a calm blue lake. In the foreground, there are several pine trees and some low-lying vegetation. The background shows a line of trees under a clear blue sky with a few wispy clouds.

PetroNeft Resources plc
Exploration, Development &
Production in Russia and the FSU

Merrill Lynch's 8th Annual
European Oils Conference
London - April 20-22, 2009



Forward Looking Statements

This presentation contains certain forward-looking statements that are subject to the usual risk factors and uncertainties associated with the oil & gas exploration and production business.

Whilst PetroNeft believes the expectations reflected herein to be reasonable in light of the information available to them at this time, the actual outcome may be materially different owing to factors beyond the Company's control or within the Company's control where, for example, the Company decides on a change of plan or strategy.

PetroNeft undertakes no obligation to revise any such forward-looking statements to reflect any changes in the Company's expectations or any change in circumstances, events or the Company's plans and strategy. Accordingly no reliance may be placed on the figures contained in such forward looking statements.

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Investment Case for Russia - Summary

- Russia has the largest oil and gas reserve base in the world after the Middle East
- The political regime is stable and the fiscal policy which has evolved through years of legislation is stable and provides attractive returns to investors
- The government recognises the importance of the oil and gas industry and recent tax changes have been beneficial to the oil and gas producers
- Merging of domestic and export pricing has now been proven thus reducing the dependency on export capacity
- Standing policy of equal access to oil pipelines allows new participants an equal opportunity
- Improved availability of technology has improved efficiency

Investment Case for Russia – Summary cont.

- Available – knowledgeable – low cost workforce
- Current economic climate has created access to high quality, low risk assets at historically attractive valuations
- Ruble exchange rate is having the effect of lowering capex by 30% to 40% - Since July 08 the Ruble/US Dollar exchange rate has gone from 23.5 to 33.5 RUR/US\$
- “Well Intentioned” foreign investors are welcome by Regional and Federal Government
- Today, there are many small and mid-cap Russian companies that hold attractive exploration acreage that need both investment capital and technological assistance.
- These assets are considered non strategic and below the radar of Russian and foreign majors

Company Overview

- Established in 2005 to build a diversified E&P business in Russia and FSU
- Management team combines international hydrocarbon evaluation, production, transactional and financial knowledge with experienced Russian management team
- Company's Licence Area (Licence 61) covers 4,991 km² in Tomsk Oblast, Western Siberia
- Ryder Scott estimate SPE 2P reserves of 70.0 million bbls and 3P reserves of 530.0 million bbls
- New exploration discovery at Kondrashevskoye – potentially significant upside in new plays
- First Phase development approved but on hold – significant reduction in capex
- UK / Irish Corporate Governance requirements

Growth Strategy

Develop

- Seek to monetise existing 2P reserves

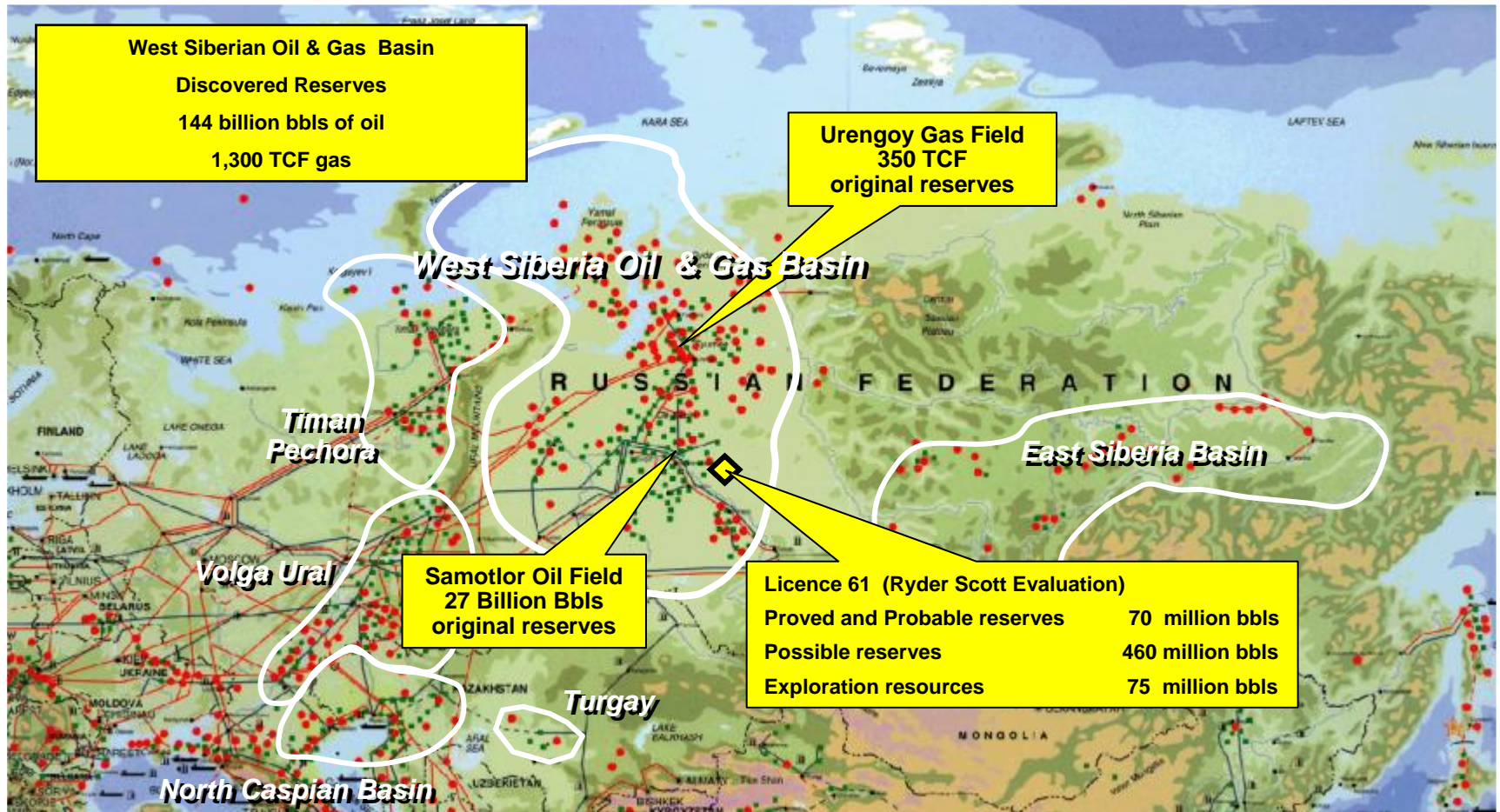
Explore

- Define full exploration or reserve potential of Licence 61

Acquire

- Build a diverse portfolio of exploration and production assets

Regional Location Map

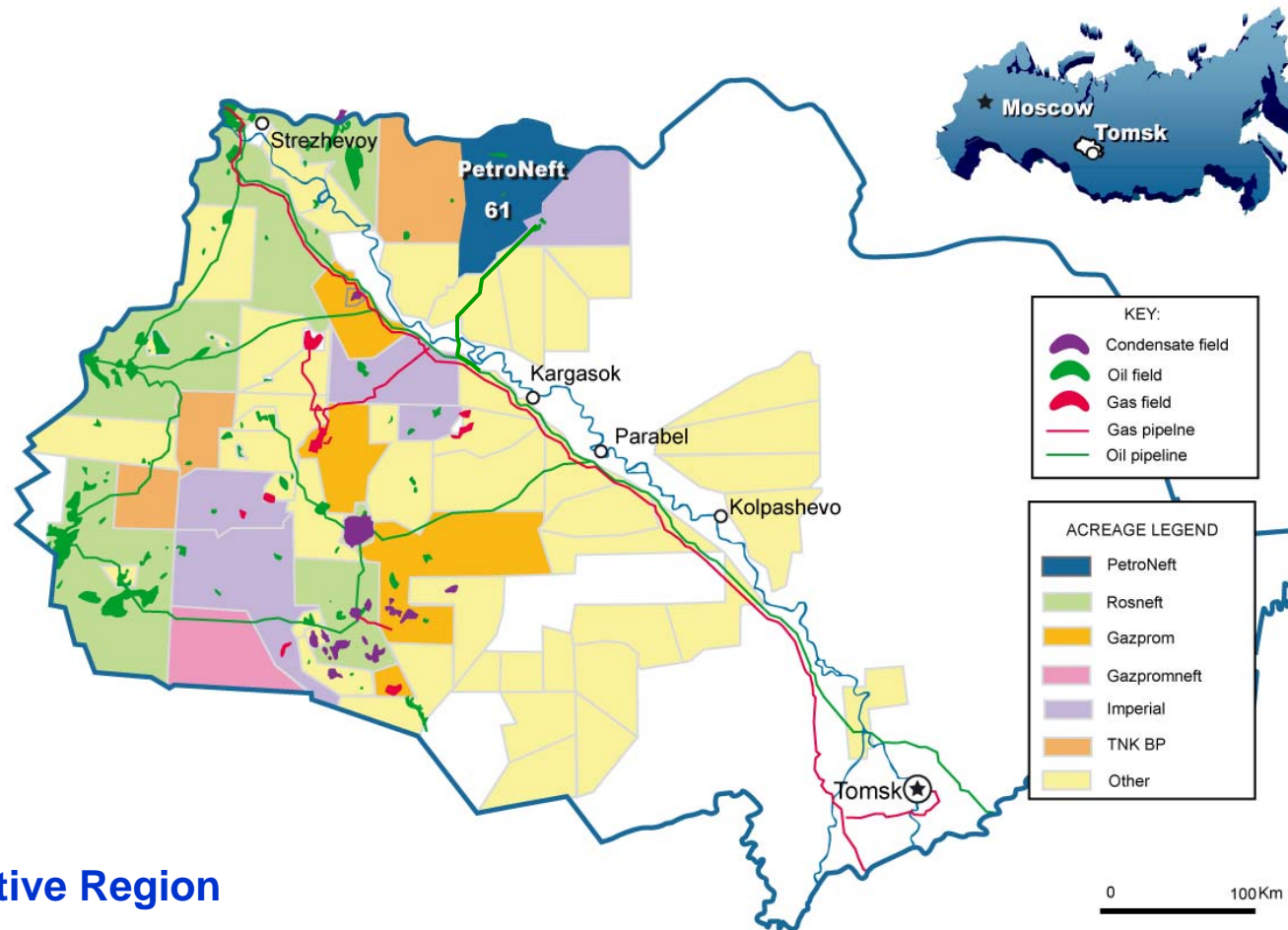


— Gas Pipeline
— Oil Pipeline

● Gas Fields
● Oil Fields

◆ Licence 61

Tomsk Oblast



Very Active Region

Other companies include: Rosneft, Imperial Energy, TNK-BP, Gazprom, Gazpromneft and local companies. Imperial Energy Block 80 with recent significant Cretaceous discovery is located immediately east of PetroNeft Licence 61.

Licence 61 – Upper Jurassic

Oil Fields / Prospects / Potential Prospects

Oil Fields

1. Lineynoye Oil Field
2. Tungolskoye Oil Field
3. West Lineynoye Oil Field
5. Kondrashevskoye Oil Field

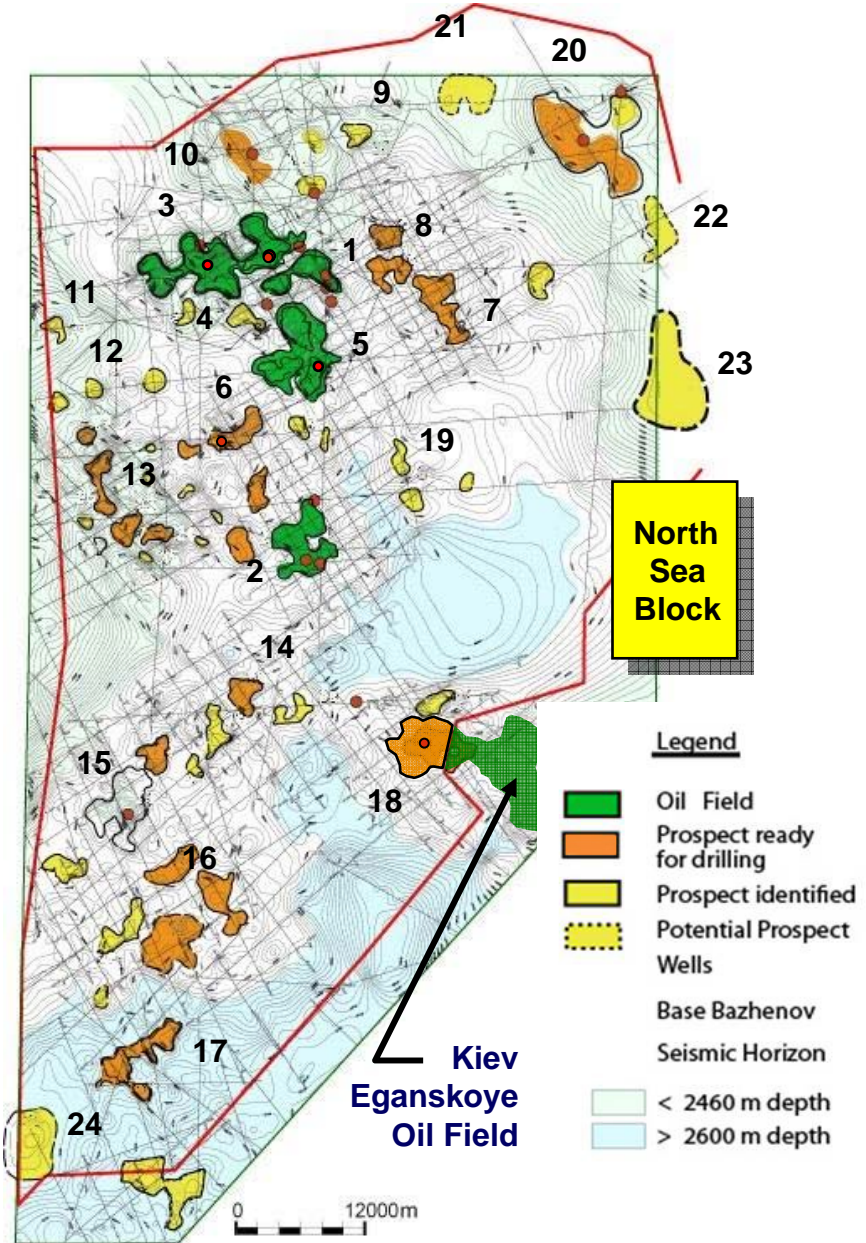
Prospects

24

2. Tungolskoye West Lobe and North Lineynoye Lower
4. West Korchegskaya (Lower Jurassic)
6. Varyakhskaya
7. Varyakhskaya North & Upper
8. Emtorskaya East (1 of 2)
9. Emtorskaya Crown
11. Sigayevskaya
12. Sigayevskaya East
13. Kulikovskaya Group (2 of 6)
14. Kusinskiy Group (2 of 3)
15. Tuganskaya Group (2 of 4)
16. Kirillovskaya (4 of 4)
17. North Balkinskaya
18. Traverskaya (1 of 2)
19. Tungolskoye East
20. Sibkrayevskaya Crown & North

Potential Prospects (Leads)

21. Emtorskaya North
22. Sibkrayevskaya East
23. Sobachya
24. West Balkinskaya



Equity Placing and Debt

Equity Placing US \$17.3 million

- US \$17.3 million Placing completed July 2008

Debt Financing (up to US \$80 million)

- Mandate Letter agreed with Standard Bank on July 9th 2008
- Mandate remains in place
- P1 reserve upgrade has re-affirmed bankability of project
- Other banks interested in joining syndicate
- Liquidity expected in 1H 2009
- Drawdown not required until Q3 2009
- **Funding requirement now only US\$35-40 million**

Cash and Debt position

- **Adequate cash resources to fund base activities through 2009**
- **Company is debt free**

Corporate Strategy

Initial focus on development of Licence 61 as a Core Area

- Monetise the Lineynoye, W. Lineynoye, Tungolskoye and Kondrashevskoye oil fields
- Target Export Pipeline production 2010
- Determine full upside potential of Licence 61 Core Area
- Review all options for maximising asset and business value

Business Development activities accelerating

- Focused on smaller producing oil fields with significant reserve upside which are below radar of Russian and foreign majors
- Evaluating Strategic Alliance, Joint Venture, Farmout and M&A opportunities
- Commitment to developing western style alliances, providing added value through access to capital markets outside of Russia and western business processes
- Availability of quality assets is increasing due to financial constraints
- The PetroNeft share and standards (corporate governance structure, SPE reserves and International Accounting Standards) are viewed as an attractive currency by many Russian owners wanting to sell their assets

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Key Milestones

2005

- Licence for Tungolsky Block acquired at Public Auction
- PetroNeft Resources plc formed
- Reprocessing of 1,392 kms vintage seismic data in northern part of Licence
- Reprocessing and interpretation of 14 vintage wells
- 2P Reserves of 27.9 million bbls in two oil fields Lineynoye and Tungolskoye
- Russian C1+C2 reserves equal 24.3 million bbls

2006

- Acquisition and interpretation of 515 kms of high resolution 2D data
- Reprocessing of 1,262 kms of vintage seismic data in southern part of Licence
- 2P reserves of 33.5 million bbls
- IPO with Listing on London AIM and Dublin IEX stock exchanges

2007

- Acquisition and interpretation of 540 kms of high resolution 2D data in northern area
- Drilling of two delineation and one exploration wells
- New field discovery at West Lineynoye
- 2P reserves of 60.6 million bbls
- Russian C1+C2 reserves equal 74.8 million bbls

2008

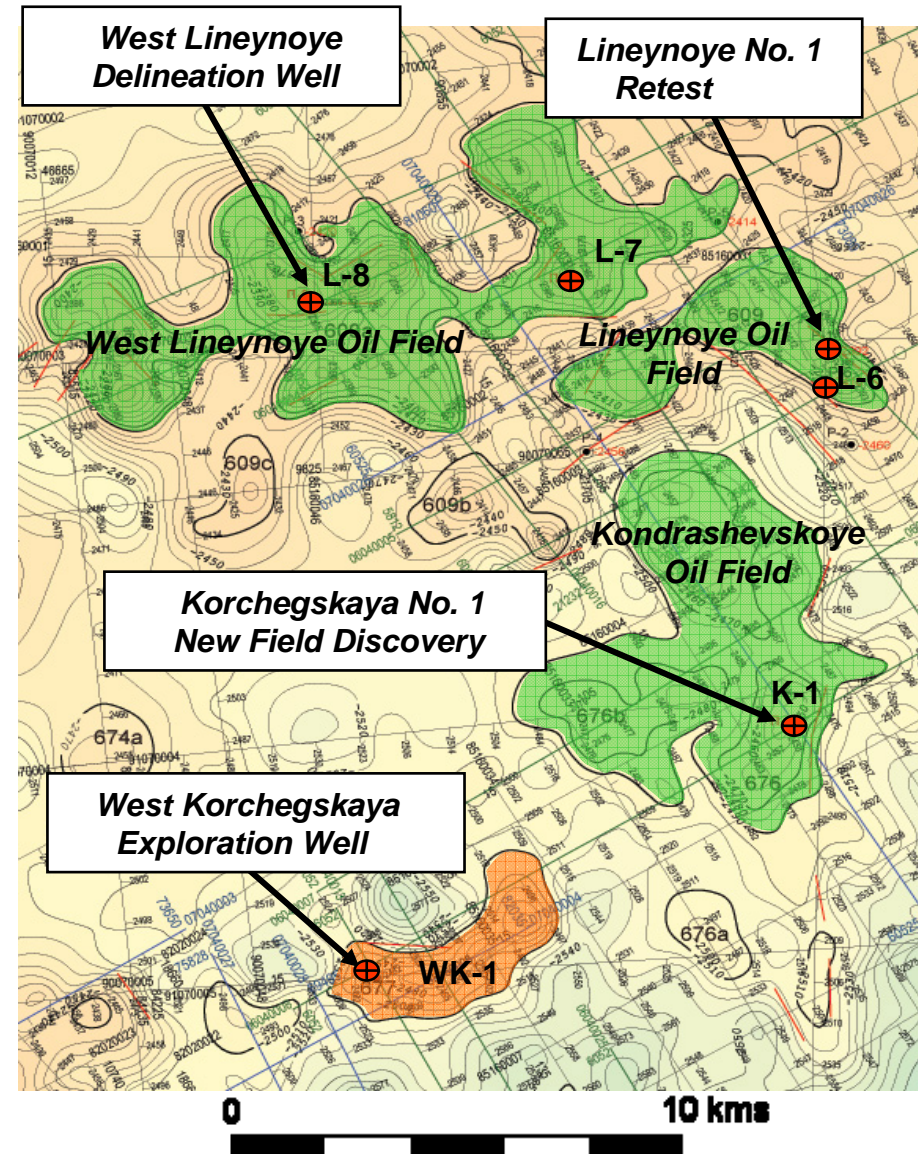
- First oil sales achieved
- Drilling of one delineation and two exploration wells
- New field discovery at Kondrashevskoye
- Potential untested Lower Jurassic discovery at West Korchevskaya
- 2P reserves of 70.0 million bbls
- Russian C1+C2 reserves equal 95.1 million bbls
- **Exploration Work programme completed for full 25 year Licence term**

2008 Work Programme

Three Well Drilling Programme

- **Korchevskaya No. 1**
 - new field discovery named "Kondrashevskoye" in honour of famous West Siberian geologist
 - confirmed 3.25 metres net pay
 - Oil water contact – not defined
 - 8 million bbls 2P plus
 - Test inflow rate 125 bopd non stimulated
- **Lineynoye No. 8**
 - Successful confirmation on West Lineynoye oil field
 - Confirmed 4 metres net pay
 - Test inflow rate 120 bopd non stimulated
 - **Board sanctions Phase 1 development**
- **West Korchevskaya Prospect**
 - Primary upper Jurassic reservoir absent
 - Potential 25 metre oil sand in tight Lower Jurassic secondary objective sandstone
- **Lineynoye No. 1 retest**
 - Reentered and tested 1972 well
 - 271 bopd stabilised flow on 8 mm choke
 - Without stimulation or pumping

Exploration Work Programme completed for full 25 year Licence term

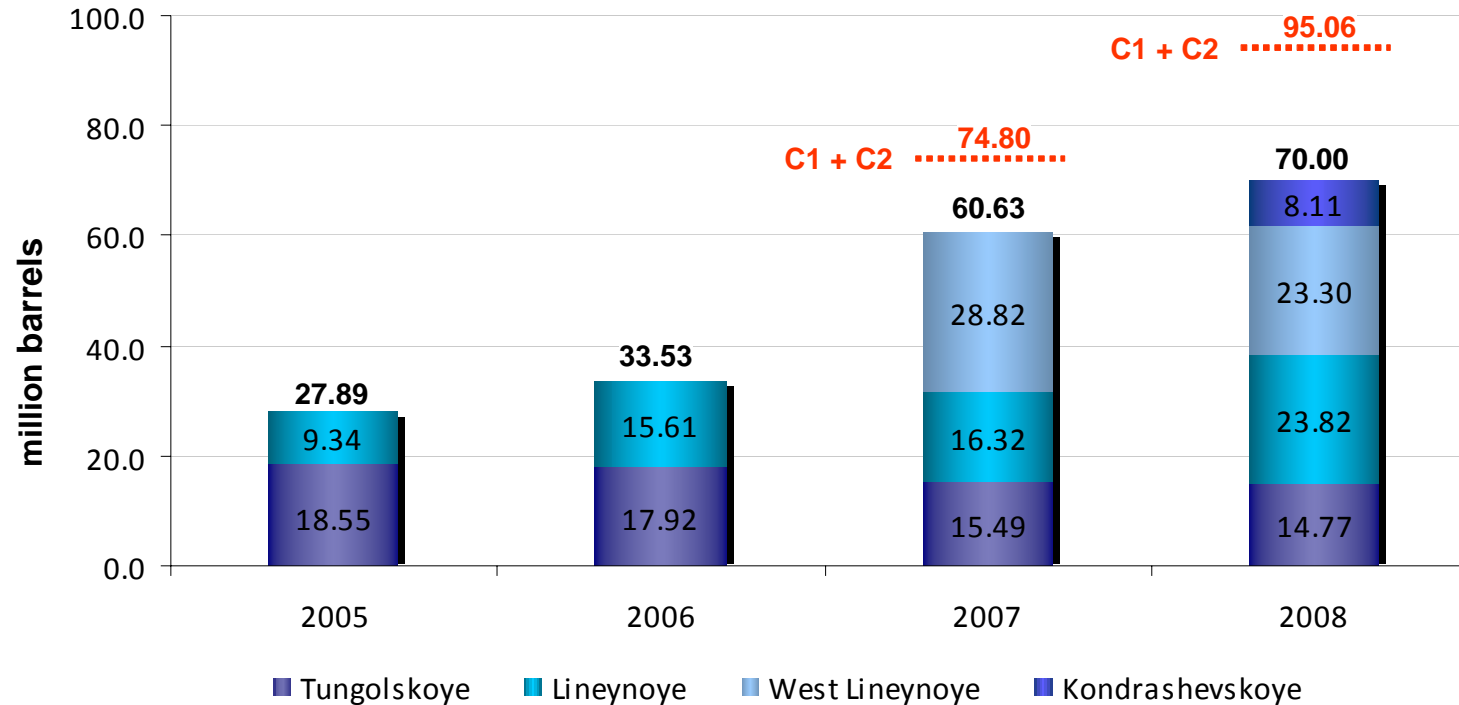


Reserves and Resources – SPE Criteria

Oil Field Name / Prospect Type	Proved	Proved and probable	Proved, probable and possible
	1P	2P	3P
	million bbls	million bbls	million bbls
Lineynoye field	5.69	23.82	28.65
West Lineynoye field	2.71	23.30	29.19
Kondrashevskoye field	.39	8.11	26.10
Tungolskoye field	1.42	14.77	18.91
Total	10.20	70.00	102.85
Upper Jurassic - 24 prospects			207.29
Cretaceous - 10 prospects			156.17
Lower to Middle Jurassic - 11 prospects			63.06
Total	10.20	70.00	529.37

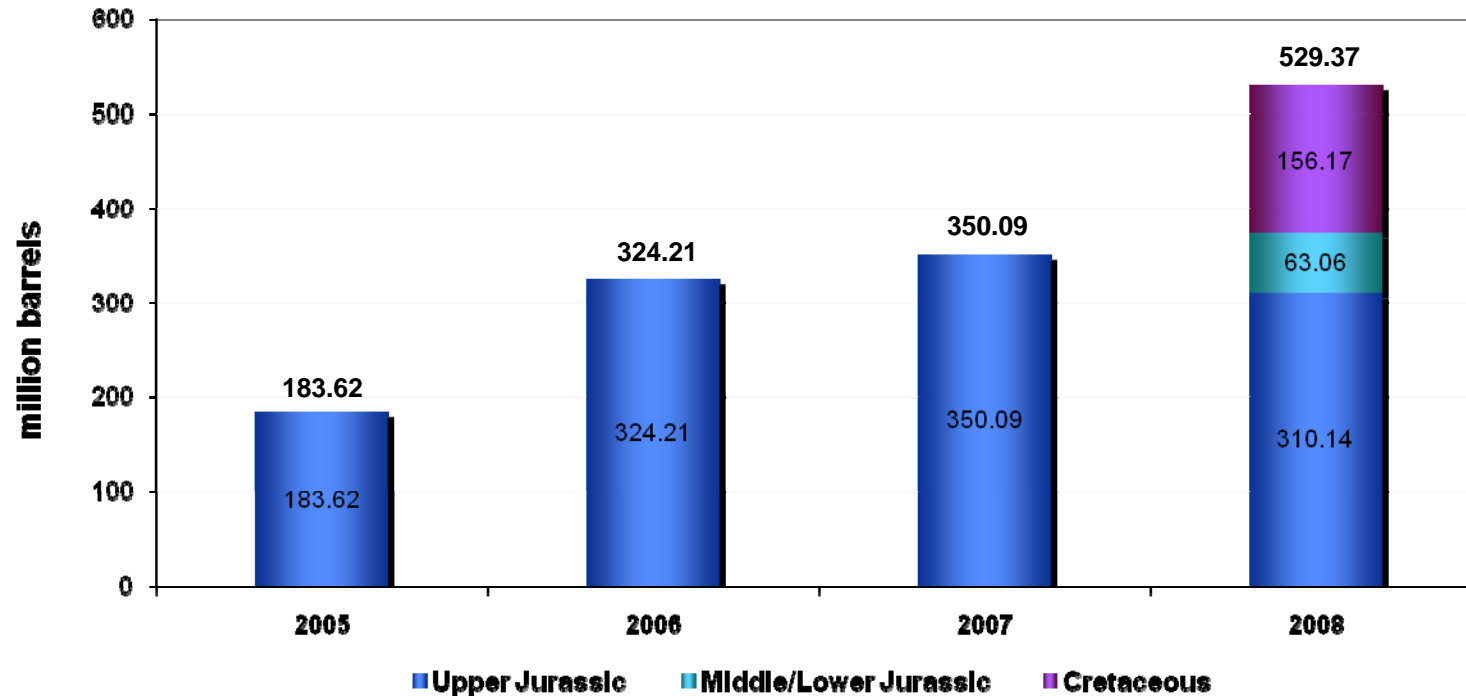
- Ryder Scott Company – Petroleum Consultants report as of December 31, 2008
- Russian C1+C2 Reserves of 95.06 million bbls approved in December 2008

Ryder Scott – SPE 2P Reserve Movement



- Oil water contact not defined at Kondrashevskoye - reserves could approach 20 million bbls if oil water contact is at spill point of structure which is common for fields in the region.
- Russian C1 + C2 Reserves equal 95.06 million bbls as defined by the Russian State Reserve Expertise Committee

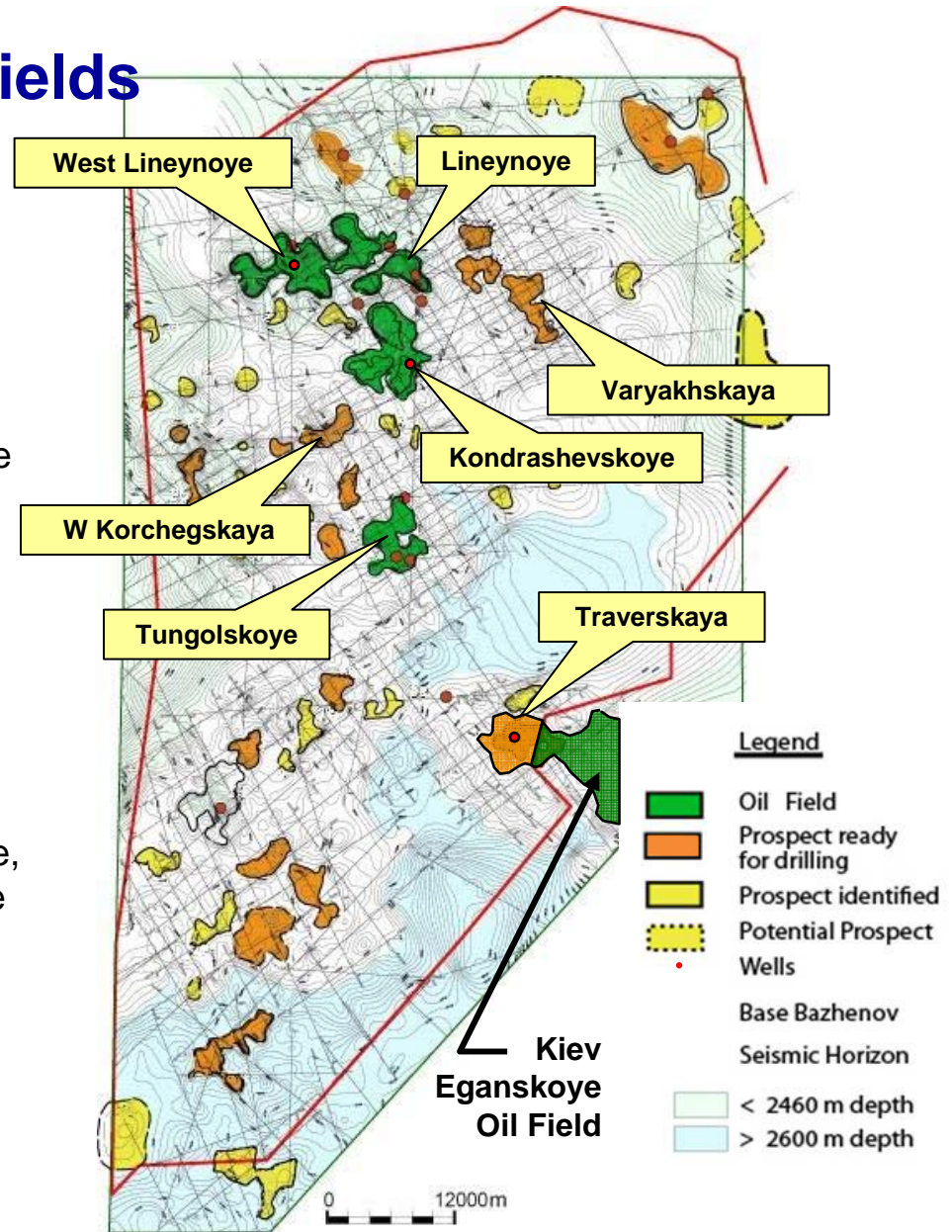
Ryder Scott – SPE 3P Reserve Movement



- Possible reserves have been added for Lower to Middle Jurassic and Cretaceous structures in southern part of Licence 61 as a result of new Petrophysical study by Tomsk Geophysical Company which identified potential by-passed pay in Tuganskaya and Traverskaya wells.
- Study was undertaken following Cretaceous discovery in adjacent Block 80 by Imperial Energy.
- West Korchevskaya No. 1 has identified potential pay in Lower Jurassic J6 interval

Development of Northern Fields

- **Sanctioned in June 2008**
- **First Phase (on hold)**
 - Development of Lineynoye and West Lineynoye
 - Construction of 60 km production pipeline – tie asset into Bashneft pipeline at Lukpaiskaya
 - First year-round oil production in 2010
 - Production - 4,000 bopd end of 2010, 12,000 bopd in 2013
- **Additional Phases**
 - Incremental addition of Kondrashevskoye, Tungolskoye and other discoveries to the south and north
- **Current Activities**
 - Producing L-1, L-6 and L-7 wells on long term test while trucking oil to buyers on winter roads.



2009 Winter Production – Long Term Test

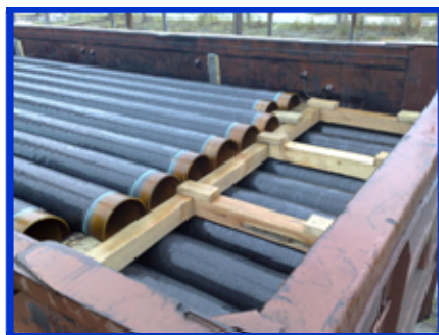
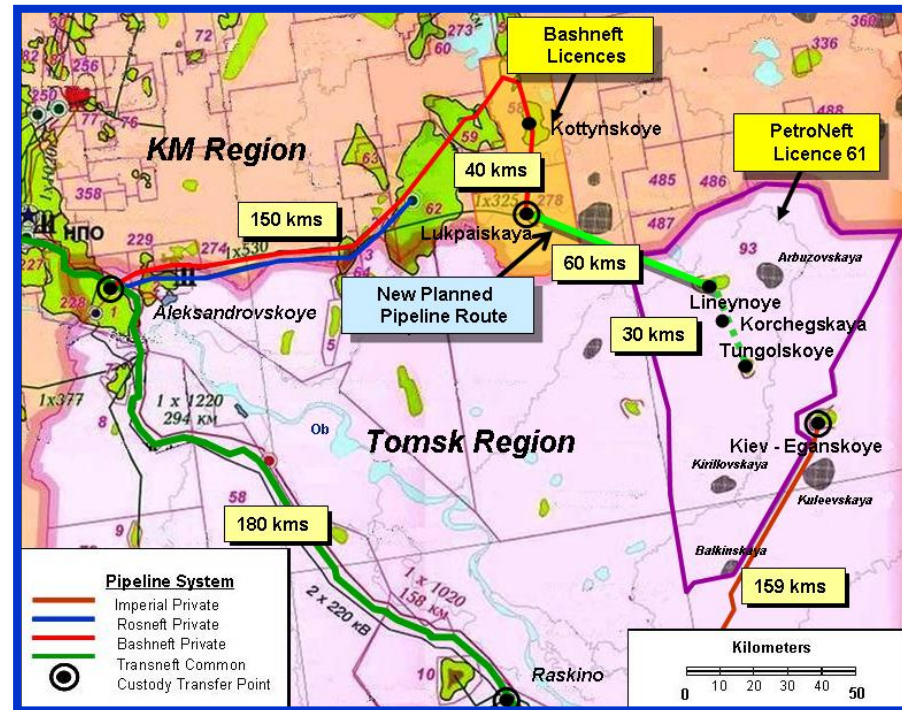


Three wells included

- L-6 and L-7 on ESP
- L-1 natural flow
- All wells producing at rates above initial test results
- Test will continue as long as winter roads are in place
- Data to be used for field development planning and optimisation, which benefits the financing package

Pipeline Construction

- Pipeline Sharing Agreement with Bashneft (significantly lowering capex requirement)
- Engineering survey and environmental studies completed. Pipeline design has been finalised. Approvals in process
- Construction of 60 km pipeline required
- Pipe has been delivered to a secure staging area near Bashneft Lukpayskaya field on Vakh River
- Agreement with Bashneft remains in place despite delay



Reserves and NPV

Gross Reserves Summary (million bbls)			Base oil price (1)
	1P	2P	2P NPV@10%
Lineynoye	5.69	23.82	\$ 149 million
West Lineynoye	2.71	23.30	\$ 50 million
Tungolskoye	1.42	14.77	\$ 69 million
Kondrashevskoye	0.39	8.11	\$14 million
Total	10.21	70.00	\$282 million

Source - Ryder Scott as at 31 December 2008

- (1) Base oil price – domestic crude \$36.44/bbl, export crude \$65.00/bbl, 33% export
- Includes January 1, 2009 tax law changes – MET exclusion amount increases from US\$9/bbl to US\$15/bbl and profit tax decreases from 24% to 20%
- Assumes production commencing July 2010 and Capex reduction of just 20% from peak
- Does not include potential upside from 24 existing prospects with +/- 310 million bbls possible reserves estimated for Upper Jurassic reservoirs
- Does not include any potential upside from Cretaceous and Lower Jurassic reservoirs

Funding Requirements

CAPEX requirements reduced significantly

15%-20% fall in Rouble Prices for drilling and other key items

Rouble has depreciated by almost 35% from RUR23.5:US\$1 in July 08 to RUR33.5:US\$1 currently

Rouble/Dollar exchange rate is effectively linked to oil price so to an extent a natural hedge exists

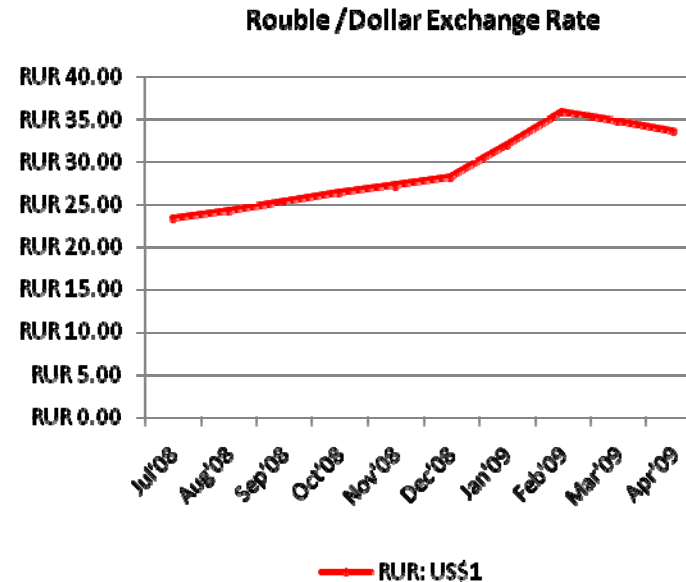
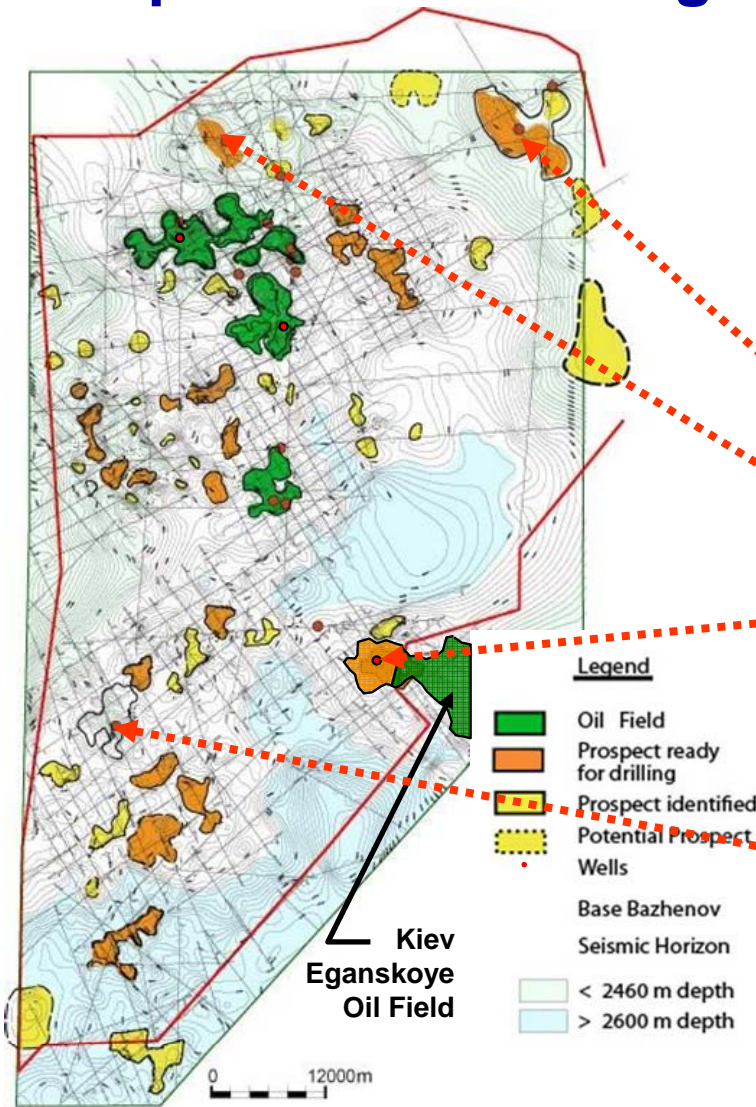


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Reinterpretation of Vintage Well Log Data



Tomsk Geophysics Company LLC (TGK)

- Reinterpretation of vintage well data using new technologies following Imperial Energy's confirmation of by-passed Cretaceous oil pay at Kiev-Eganskoye.
- TGK is same contractor used by Imperial Energy.
- Potential by-passed intervals with hydrocarbon potential were identified as follows:

Sibkrayevskaya No. 370

- Upper Jurassic J1 – 8.4 m, porosity 15 %

Emtorskaya No. 300

- No potential hydrocarbon intervals identified

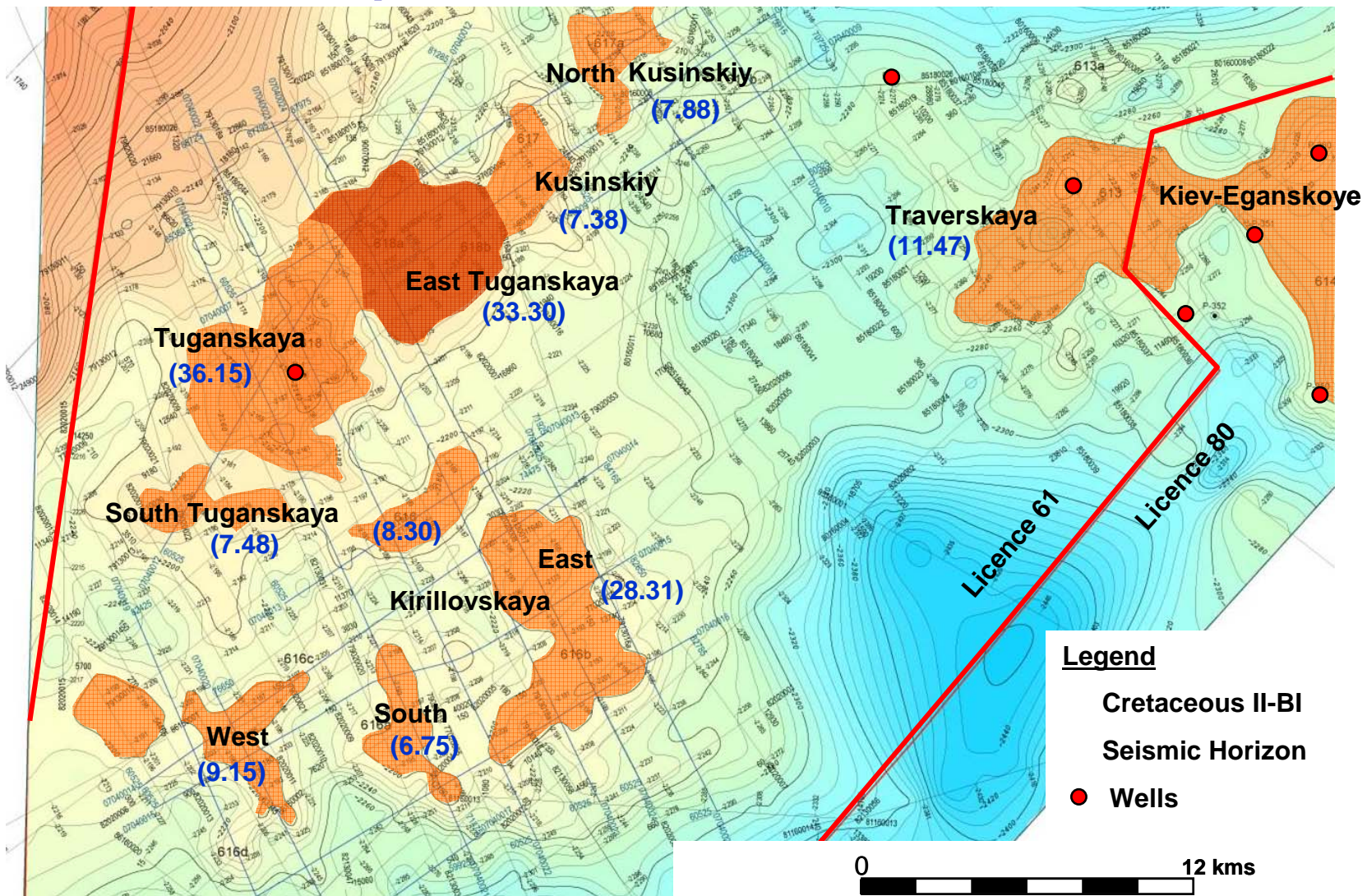
Traverskaya No. 1

- Cretaceous – 3.4 m, porosity 21-24%
- Upper Jurassic J1 – 1.1+ m, oil in tight core, reservoir quality and thickness may increase of flanks of structure – extension of Kiev-Eganskoye oil field – frac required
- Middle Jurassic J2 – 6.7 m, porosity 12-13%

Tuganskaya No. 1

- Cretaceous – 12.8 m, porosity 23%
- Upper Jurassic J1 absent on crest of structure may be present on flanks of structure
- Middle Jurassic J2 – 7.2 m, porosity 13-15%

Cretaceous Prospects



Numbers denote the possible (P50) Cretaceous prospect reserves in million barrels

Top Five Prospects and Trends

- **Sibkrayevskaya Prospect**
 - Very large structure with 8.4 metres of potential by-passed Upper Jurassic pay identified in Soviet era well, 44 mmbo.
 - Potential leads along trend require additional seismic definition.
- **Varyakhskaya Prospects**
 - Ready to drill trend with very good Upper Jurassic prospects, 31 mmbo
 - Located close to Lineynoye fields
- **Tuganskaya Prospects**
 - Major trend with very large Cretaceous potential, 92 mmbo. Jurassic potential is relatively minor in this trend, 42 mmbo.
 - By-passed pay in Soviet era well is a key element. Petrophysics shows distinct resistivity difference between wet sands and those which are by-passed.
 - Drill offset well to test concept.
- **Traverskaya**
 - Low risk 24 mmbo plus prospect with multi-horizon potential is an extension of the Kiev- Eganskoye Field which is primarily a Jurassic prospect with Cretaceous opportunity to be tested in the same well.
 - Drill offset to existing well to confirm by-passed pay. The Jurassic reservoir with log pay and oil shows makes this a different type of offset than the well at Tuganskaya.
 - Fracture stimulation likely necessary
- **Kirillovskaya Prospects**
 - Multiple prospects having significant reserves of 118 mmbo with a balance between Jurassic and Cretaceous targets.
 - Best location with respect to the hydrocarbon generating kitchen.
 - Most likely initial location in this trend is the 55 mmbo East Kirillovskaya prospect.

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Summary and Conclusions

- Development of Licence 61 delayed, however reserves assured and bank committed
- New plays emerging within Licence 61 with significant upside potential
- Management flexibility - considering new joint ventures, alliances and other partnering arrangements to optimise long-term value and accelerate exploration activities
- As a result of the economic crisis valuation expectations for these assets have significantly decreased
- The PetroNeft share and standards (corporate governance structures, SPE reserves and International Accounting Standards) are viewed as an attractive currency by many Russian owners wanting to sell their assets
- Company funded for base activities through 2009
- The Company is debt free

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Corporate Information

Share Capital *

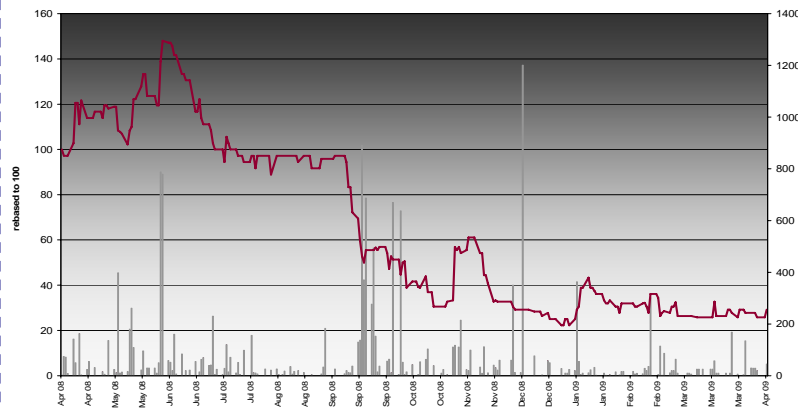
- Ordinary Shares in issue: 229,223,034
- Share options outstanding: 10,488,000*
- Fully diluted share capital: 239,711,034

*As at 1 April 2009

Trading details

- Exchanges:
 - AIM Market (London Stock Exchange)
 - IEX Market (Irish Stock Exchange)
- Free float: 72.41%
- Tickers: P8ET (IEX) & PTR (AIM)
- SEDOL: B0Q82B2
- ISIN: IE00B0Q82B24

Share Price Performance



Major Shareholders*

▪ Directors	13.68%
▪ RAB Octane Fund Limited	15.90%
▪ Ali Sobraliev	10.04%
▪ Davycrest Nominees Ltd	13.76%
▪ Arawak Energy Limited	4.41%
▪ Lynchwood Nominees	4.12%
▪ JP Morgan Asset Mgmt	3.27%

*As at 1 April 2009

Sources: Thomson Reuters, Irish Stock Exchange, AR 2007

Board of Directors

G. David Golder

- Non-Executive Chairman
- 34 years' industry experience with Marathon Oil Company, Sakhalin Energy and others

Dennis C. Francis

- Chief Executive Officer and co-founder
- Headed Marathon's Business Development Activities in Russia from 1989 to 2003

Paul Dowling

- Chief Financial Officer
- Former partner accounting firm LHM Casey McGrath, 16 years experience in Financial arena

David E. Sanders

- Executive Director, Secretary and General Counsel and co-founder
- 15 years' experience doing business in Russia, Sakhalin II Project, Priobskoye, KMOC

Thomas G. Hickey

- Non-Executive Director
- Former Chief Financial Officer and Director of Tullow Oil plc

Vakha A. Sobraliev

- Non-Executive Director
- 30 years' experience in West Siberian Petroleum Industry – GD Tomskburneftegaz, LLC

Experienced Russian Management Team

Alexey Balyasnikov (Moscow)

- General Director
- 32 years' experience in Russian oil and gas business
- Former Head of Representation for Marathon Oil in Moscow

Alexander Frenovsky (Tomsk)

- Executive Director
- 34 years' experience in Russian oil and gas industry
- Former General Director and Chief Engineer – JSC Tomskneftegazgeologia
- Directly participated in the development of 15 oil fields in the Tomsk Oblast

Nikolay Karapuzov (Tomsk)

- Chief Geophysicist/Geologist of Stimul-T
- 35 years' experience in Russian oil and gas industry
- Former Chief Geophysicist/Geologist – JSC Tomskneftegazgeologia
- Directly participated in discovery of 17 oil fields in the Tomsk Oblast

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AIM Market – London Stock Exchange (PTR)

IEX Market – Irish Stock Exchange (P8ET)

