

PetroNeft Resources Plc Company Presentation March 2007

### **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.



### **Status and Next Steps**

#### 2006/07 Winter Drilling Programme

- Rig-up activities commenced in November 2006 Mobilisation slowed due to warm weather
- Lineynoye No. 6 delineation well Drilling commenced on March 4th Results in May 2007
- Tungolskoye No. 4 delineation well Drilling to commence in March/April Results in June 2007
- West Lineynoye No. 7 exploration well Drilling to commence in May/June Results in August 2007
- Third drilling rig mobilised for West Lineynoye No. 7 to ensure three well programme completed as planned

#### 2006/07 Seismic Survey

- Seismic Acquisition to acquire 540 kms of new high resolution 2D data
- 450 kms acquired to date Acquisition complete in mid March 2007
- Processing and Interpretation complete in July 2007

#### **Active Exploration Programme**

- High impact exploration well on West Lineynoye
- Incorporate results of existing seismic and well data and new seismic data
- Determination of full upside of Licence 61 as a core area

#### **Lineynoye and Tungolskoye Development Plan**

- Preliminary Feasibility Study completed early February, bank discussions started February 13, 2007
- Incorporate results of Lineynoye and Tungolskoye delineation wells when available
- Also, further update of reserves, production profile, capex, oil pricing
- To finalise and sanction Lineynoye and Tungolskoye development plan by September 2007



### **Table of Contents**



**Company Overview Board and Senior Management Overview of Company's Licence Company Organisation Overview of Technical Work Activities and News Flow Summary Appendicies** 



### **Company Overview**

- Irish registered international oil and gas exploration and production company established to acquire and develop hydrocarbon acreage in Russia and FSU
- Admitted to trading on AIM and IEX in September 2006 and has raised circa US \$ 30 million to date. Current market capitalization circa US \$ 150 million
- Management team combines Western hydrocarbon evaluation, production and transactional knowledge with experienced Russian management team and local network of contacts
- Company's Licence Area ("Licence 61") is a core area covering over 4,991 km² in the Tomsk Region of Siberian Russia in the eastern segment of the Western Siberian Oil and Gas Basin (acquired in 2005)
- 2 proven oil fields (Lineynoye and Tungolskoye) with upside potential comprising 25 additional prospects and potential prospects already identified by seismic surveys.
- Ryder Scott Petroleum Consultants estimate (As at September 2006)

_	Total P1+P2+P3+P4	424.10 million bbls potential	
-	Exploration (P4)	99.90 million bbls	in 5 potential prospects (leads)
-	Possible (P3)	290.67 million bbls	in 2 fields & 20 prospects
_	Probable (P2)	28.67 million bbls	in the 2 proven fields
-	Proved (P1)	4.87 million bbls	in the 2 proven fields



### **Key Objectives**

# To Monetise the Lineynoye & Tungolskoye Oil Fields

- Fast track to development and production of 33.5 mmbo of existing Proved and Probable reserves
- 2006/07 Winter Drilling Programme:
  - Lineynoye No. 6 delineation well
  - Tungolskoye No. 4 delineation well
  - Contracts secured and drilling commenced in March 2007
- Additional 37 mmbo of Possible reserves in the two oil fields
- Preliminary Feasibility Study completed
- Development Plan to be sanctioned by September 2007

# To Determine full upside potential of Licence 61 as a Core Area

- Reprocessing and reinterpretation of existing well and seismic data
- Acquisition of new high resolution 2D seismic data
- Active Exploration Programme:
  - Third well in 2006/07 winter drilling programme is exploration well on West Lineynoye Prospect with 66.6 mmbo of Possible reserves
  - 20 prospects identified and 5 potential prospects (leads) undergoing further evaluation
- Further upside
  - 253 mmbo of Possible reserves
  - 100 mmbo of Exploration Resources

Work programmes designed to meet both objectives



### **Board and Senior Management**

#### G. David Golder

- Non-Executive Chairman
- 34 years' industry experience with Marathon Oil Company and others
- Former Senior Vice President, Marathon Oil Company
- Former Executive Vice President Upstream, Sakhalin Energy Investment Company
- Formal Education Petroleum & Natural Gas Engineering

#### **Dennis C. Francis**

- Chief Executive Officer and co-founder
- 30 years' with Marathon Oil Company Senior Management Positions
- Headed Marathon's Business Development Activities in Russian since 1989
- Director Sakhalin Energy Investment Company
- Sakhalin II Project
  - First Offshore Tender 1991
  - First Joint Western/Russian Feasibility Study and Expertise Approval
  - First Production Sharing Agreement
  - First Offshore Production
  - Received Sakhalin Governor's Award
- Formal Education Geophysical Engineering and Geology



### **Board and Senior Management**

#### **David E. Sanders**

- Executive Director, Secretary and General Counsel and co-founder
- 30 years' industry experience 15 years with Marathon Oil Company
- 15 years' experience doing business in Russia, Sakhalin II Project, Priobskoye, KMOC
- Formal Education Engineering and Law

#### Desmond J. Burke

- Executive Director Planning and Investor Relations
- 30 years' minerals industry experience & 20 years experience in international equity markets
- Former Managing Director of Ormonde and Burmin plc
- Formal Education Geology and Minerals Exploration

#### Thomas G. Hickey

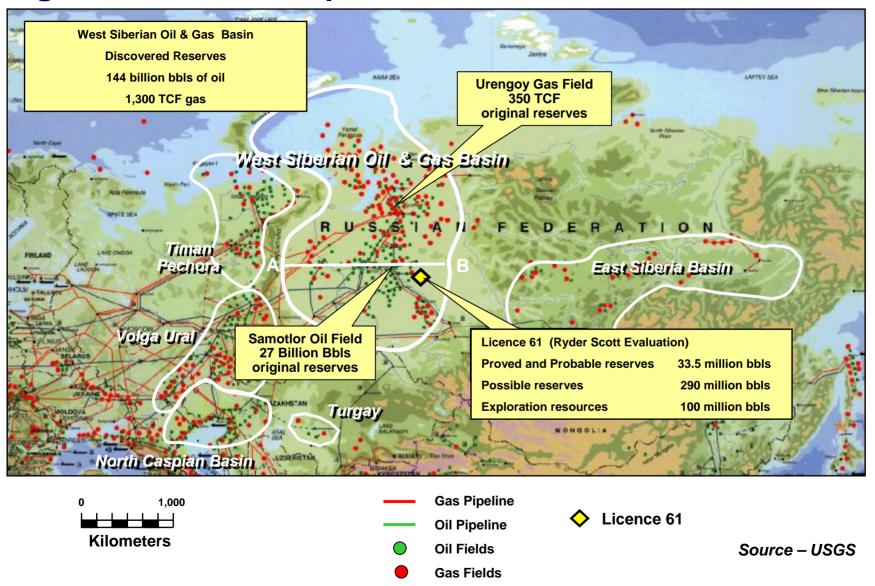
- Non-Executive Director
- Chief Financial Officer and Director of Tullow Oil plc
- Chartered Accountant and formerly of ABN AMRO Corporate Finance (Ireland) Limited
- Formal Education Business Studies and Chartered Accountant

#### Vakha A. Sobraliev

- Non-Executive Director
- 30 years' experience in West Siberian Petroleum Industry
- General Director Tomskburneftegaz, LLC Drilling & Support Services Company in Tomsk Region
- Formal Education Mining Engineering and Economics

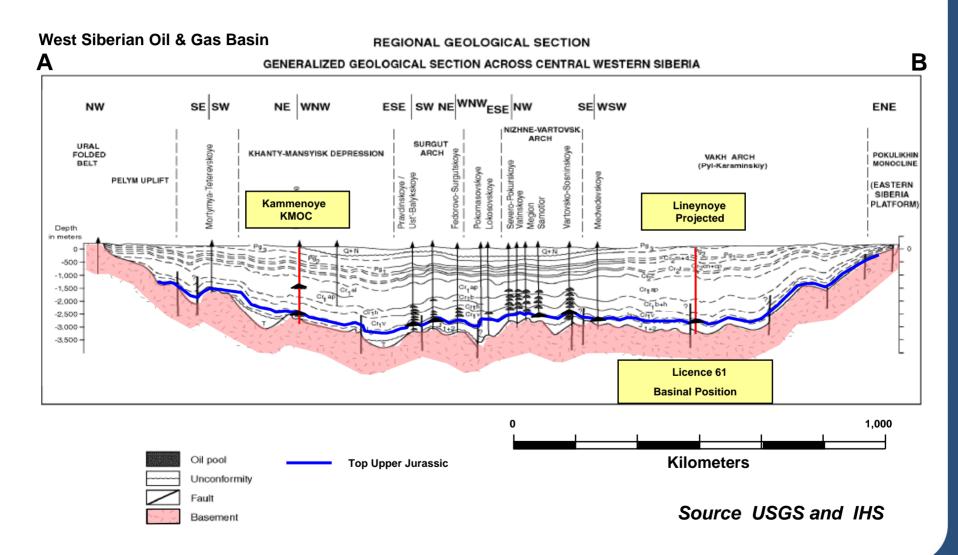


## **Regional Location Map**





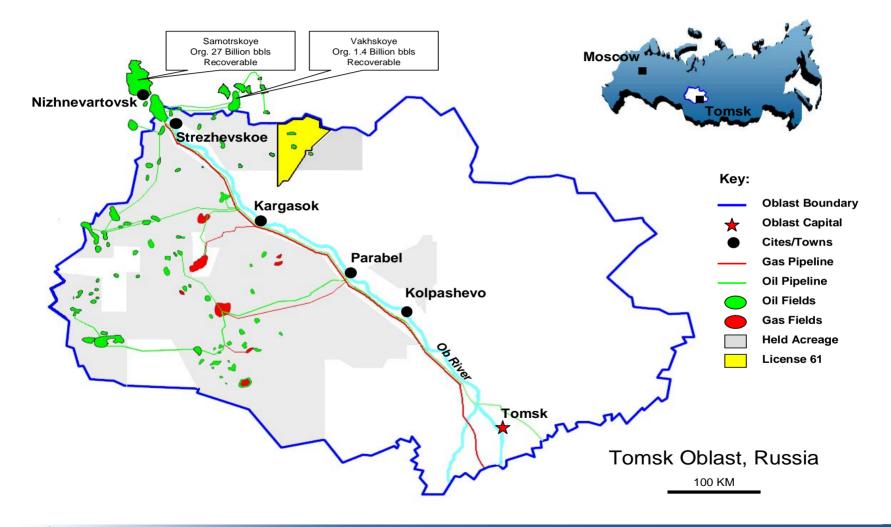
## **Regional Cross Section**





### **Tomsk Oblast**

### **Licence 61 in Tomsk**

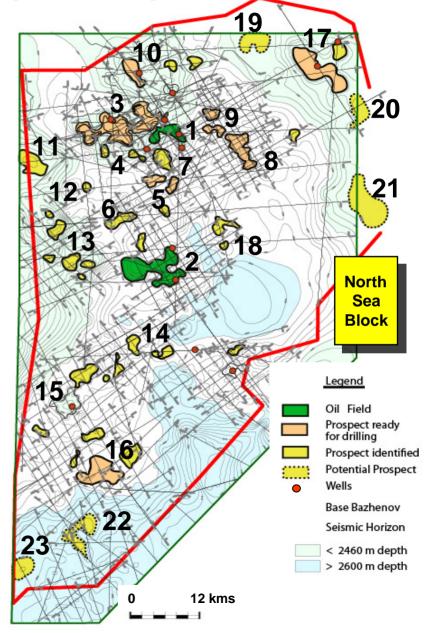




**Licence 61 - Oil Fields and Prospects Map** 

### Oil Fields / Prospects / Potential Prospects

Oil Fields	1.	Lineynoye Oil Field	
Oli Fielus	2.	Tungolskoye Oil Field	
	3.	West Lineynoye	
	4.	Lineynoye South & Lower	
	5.	Korchegskaya & Upper Korchegskaya	
	6.	Korchegskaya West	
	7.	Korchegskaya North	
	8.	Varyakhskaya	
	9.	Varyakhskaya North & Upper	
<b>Prospects</b>	10.	Emtorskaya Crown (1 of 3)	
	11.	Sigayevskaya	
	12.	Sigayevskaya East	
	13.	Kulikovskaya Group (2 of 6)	
	14.	Kusinskiy Group (1 of 3)	
	15.	Tuganskaya Group (1 of 4)	
	16.	Kirillovskaya (1 of 4)	
	17.	Sibkrayevskaya Crown (1 of 2)	
	18.	Tungolskoye East	
	19.	Emtorskaya North	
<b>Potential</b>	20.	Sibkrayevskaya East	
<b>Prospects</b>	21.	Sobachya	
(Leads)	22.	North Balkinskaya	
(	23.	West Balkinskaya	



### **License 61 Reserves**

Ryder Scott Company Petroleum Consultants
License 61 Hydrocarbon Potential "Upper Jurassic J1 Reservoir"

o Z	Resources		Reserves		Resources
S Current Field/Prospect/Lead	OOIP	Proved	Probable	Possible	Exploration
<u> </u>	mm bbls	mm bbls	mm bbls	mm bbls	mm bbls
Existing Oil Fields					
1 Lineynoye Field	65.53	2.20	13.42	6.55	
2 Tungolskoye Field with West Lobe	166.78	2.68	15.25	30.54	
Prospects					
3 West Lineynoye	268.06			66.57	
4 South Lineynoye	11.77			2.92	
4a Low Lineynoye	13.56			3.33	
5 Korchegskaya	19.25			4.76	
5a Middle Korchegskaya	11.89			2.91	
6 West Korchegskaya	42.31			10.39	
7 North Korchegskaya	47.39			11.92	
8 Varyakhskaya	78.19			19.12	
9 North Varyakhskaya	22.61			5.95	
9a Upper Varyakhskaya	10.06			2.57	
10 Emtorskaya Crown	58.15			14.34	
11 Sigayevskaya	71.20			17.44	
12 East Sigayevskaya	7.68			1.91	
13 Kulikovskaya	36.63			9.10	
13a Kulikovskaya North	35.89			8.86	
14 Kusinskiy Group	21.14			5.16	
15 Tuganskaya	43.54			10.75	
16 Kirillovskaya Group (A, B & C)	81.51			20.43	
17 Sibkrayevskaya Crown	94.51			23,33	
18 Tungolskoye East	48.03			11.83	
Potential Prospect/Lead (Exploration Resource) *					
19 Emtorskaya North	55.89				13.78
20 Sibkrayevskaya East	70.01				17.21
21 Sobachya	143.53				36.01
22 North Balkinskaya	80.98				19.94
23 West Balkinskaya	53.55				12.96
Total	1606.10	4.87	28.67	290.67	99.90
			Total	P1+P2+P3+P4	424.10



<sup>\*\*</sup> Recovery equals approximately 25 % of oil originally in place (OOIP) - unrisked Bold number indicates that prospect is prepared for drilling Based on Ryder Scott Report of September 2006



P1 proved reserves
P2 probable reserves

P3 possible reserve - unrisked - structure confirmed by seismic data
P4 potential reserves - unrisked - requires additional seismic data



<sup>\*</sup> Requires additional seismic data to move to Identified Prospect Status

### **Ryder Scott Net Present Value of 2P Reserves**

Case 1 - Discounted Future Net Income - \$000 \$25.00 per bbl domestic - \$48.00 per bbl export

Discount Rate	Total	Total	Proved +
Percent	Proved	Probable	Probable
8	\$9,894	\$75,875	\$85,768
10	\$7,933	\$61,535	\$69,468
12	\$6,223	\$49,223	\$55,446
15	\$4,056	\$33,946	\$38,002

Case 2 - Base Case - Discounted Future Net Income - \$000 \$29.00 per bbl domestic - \$53.00 per bbl export

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-	Discount Rate	Total	Total	Proved +	
_	Percent	Proved	Probable	Probable	
-	8	\$16,632	\$111,146	\$127,778	
	10	\$14,128	\$93,182	\$107,310	
	12	\$11,993	\$77,714	\$89,664	
	15	\$9,130	\$58,422	\$67,552	

Case 3 - Discounted Future Net Income - \$000 \$34.00 per bbl domestic - \$58.00 per bbl export

Discount Rate	Total	Total	Proved +
Percent	Proved	Probable	Probable
8	\$21,584	\$141,271	\$163,126
10	\$18,872	\$119,975	\$138,848
12	\$7,318	\$101,623	\$117,877
15	\$5,790	\$78,694	\$91,595

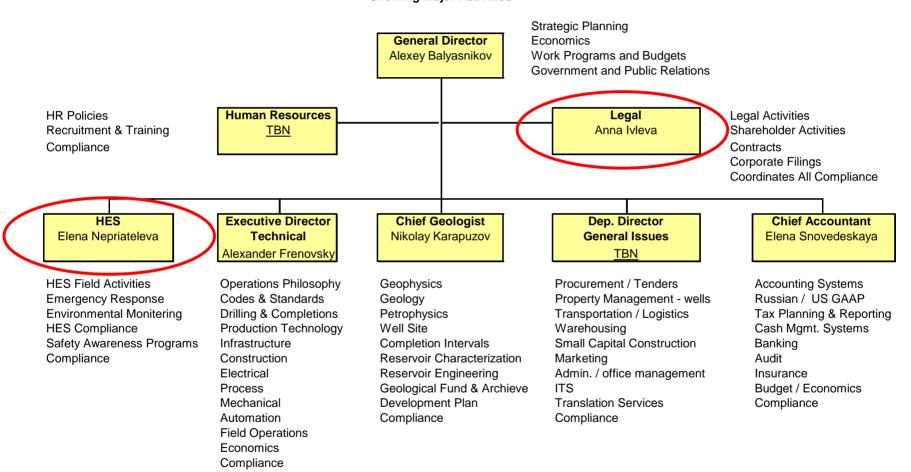
#### Notes:

- 1. Estimated by Ryder Scott Petroleum Consultants 1st September 2006
- 2. Based on Proved and Probable reserves of 33.5 million bbls, Discounted as of July 1, 2006
- 3. Domestic oil price is wellhead price ex VAT



### **Organisational Structure of Stimul-T**

### Organization Chart for Stimul-T Showing Major Activities





### **Overview of Technical Work**



#### Mobilisation for winter 2006/07 winter drilling programme

- - Turnkey contract for three wells signed with OOO Nizhnevartovskeservis in February 2006
    - now utilising three drilling rigs for three wells
- Drilling Rig for Lineynoye No. 6 well moved to site and assembled
  - well spudded March 4th
- Drilling Rig for Tungolskove No. 4 well moved to site and being assembled
- High impact exploration well on West Lineynoye Prospect rig moving to site

#### **Seismic Acquisition Winter 2006/07**

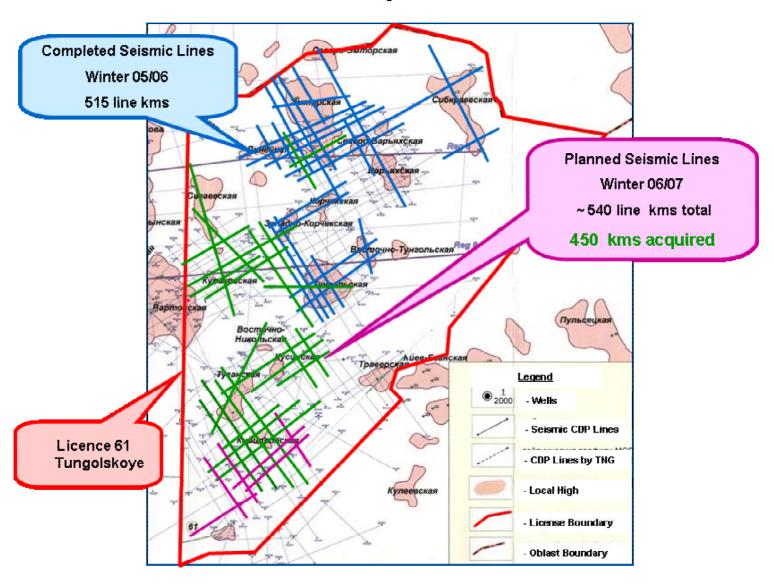
- Contract with OAO Stavropolneftegeofizika, Nizhnevartovsk in June 2006
  - 540 line kms of high resolution CDP-2D field seismic survey
  - 450 kms acquired to date Acquisition complete in mid March 2007
  - Processing and Interpretation complete in July 2007
  - Satisfies Licence obligation to acquire 1,000 kms of seismic data in first three years of Licence term

#### **Lineynoye and Tungolskoye Development Plan**

- Preliminary Feasibility Study completed in February
  - Incorporate results of three well drilling program when data available
  - Finalise and sanction Development Plan by September 2007



## **Licence 61 - New Seismic Acquisition**



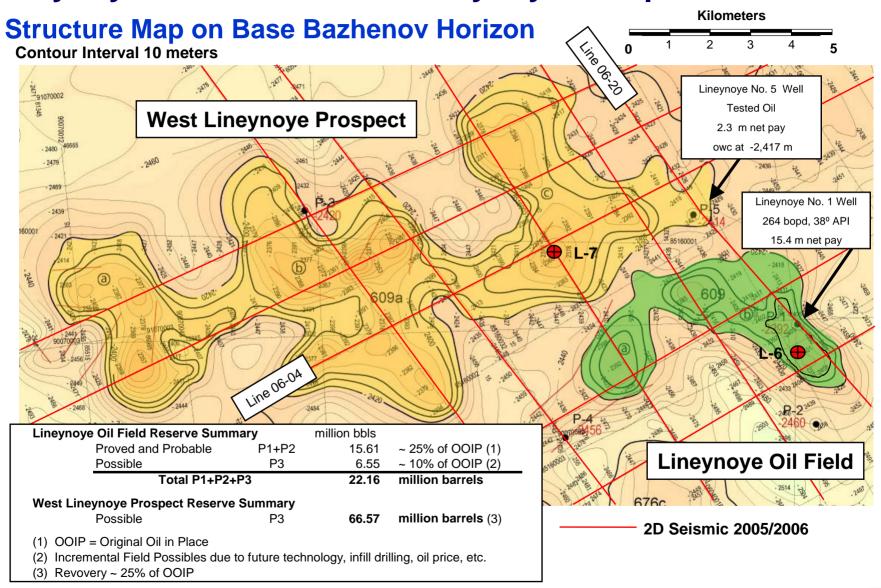


# **Seismic Camp February 2007**





### **Lineynoye Oil Field & West Lineynoye Prospect**



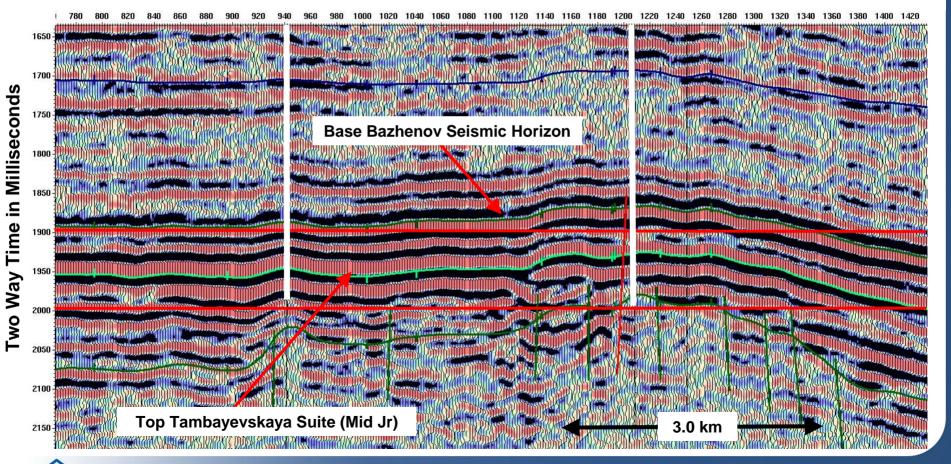


## **Lineynoye Oil Field**

Seismic Line 06-20

Northwest Lineynoye Oil Field

# 5 # 1

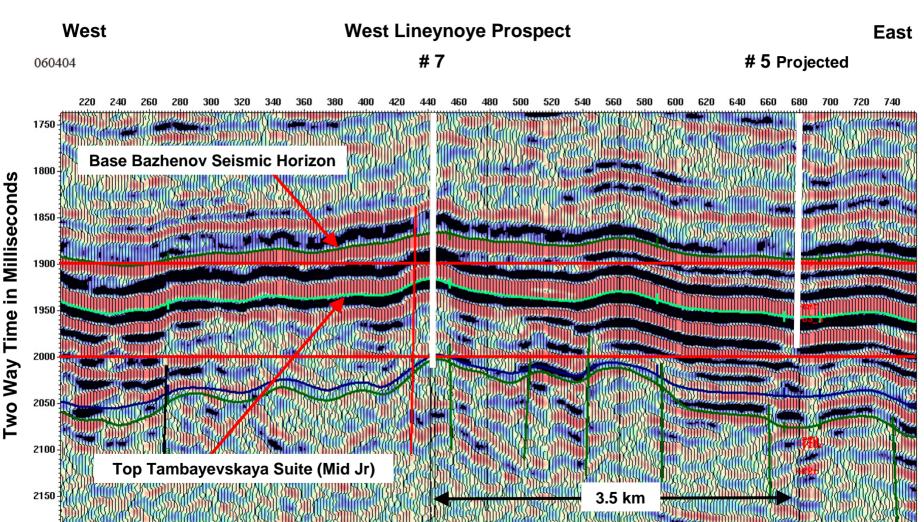




**Southeast** 

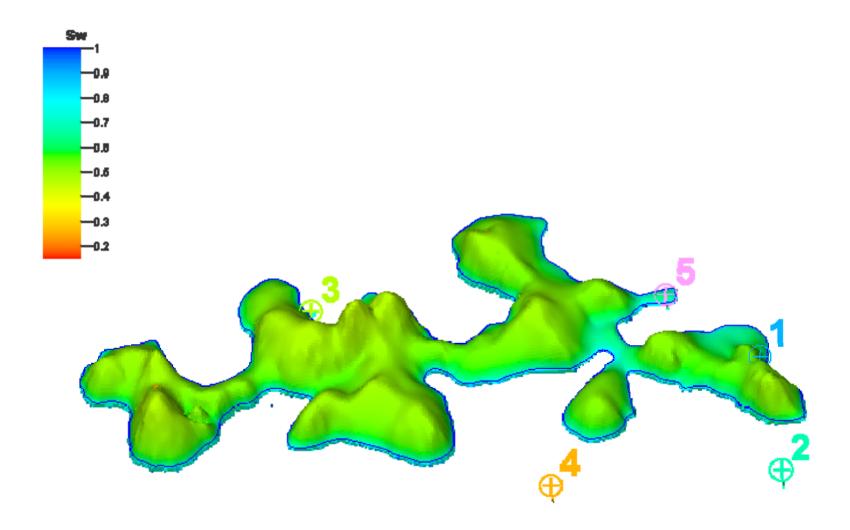
## **West Lineynoye Prospect**

Seismic Line 06-04





# **Lineynoye Field Geologic Model**





# **Lineynoye No. 6 Well Location**



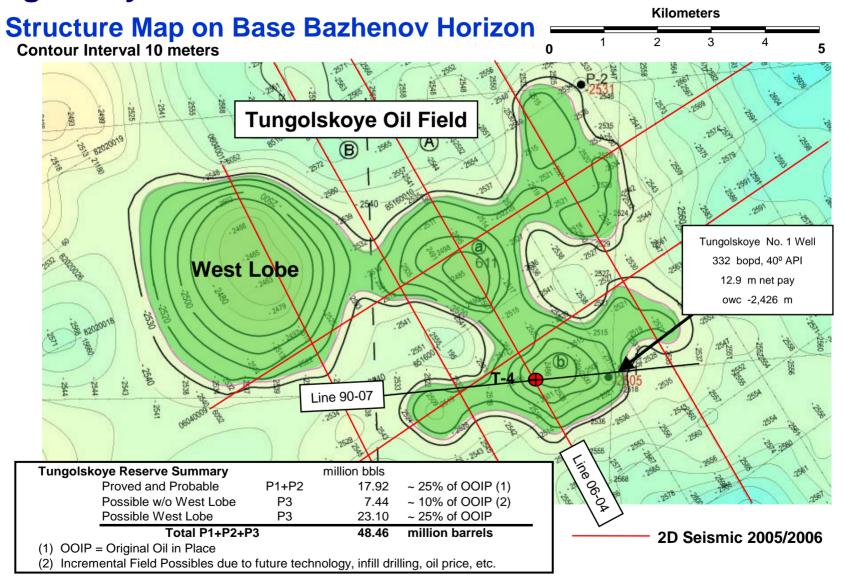


# Lineynoye No. 6 – February 2007





### **Tungolskoye Oil Field**





## **Tungolskoye Well #4**

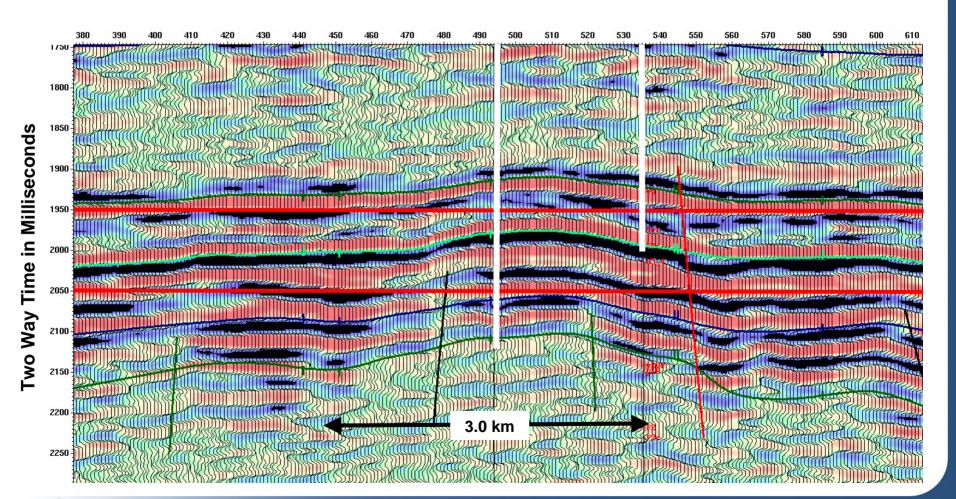
Seismic Line 90-07

West Tungolskoye Oil Field

East

*‡* 4

# 1





## **Tungolskoye Well #4**

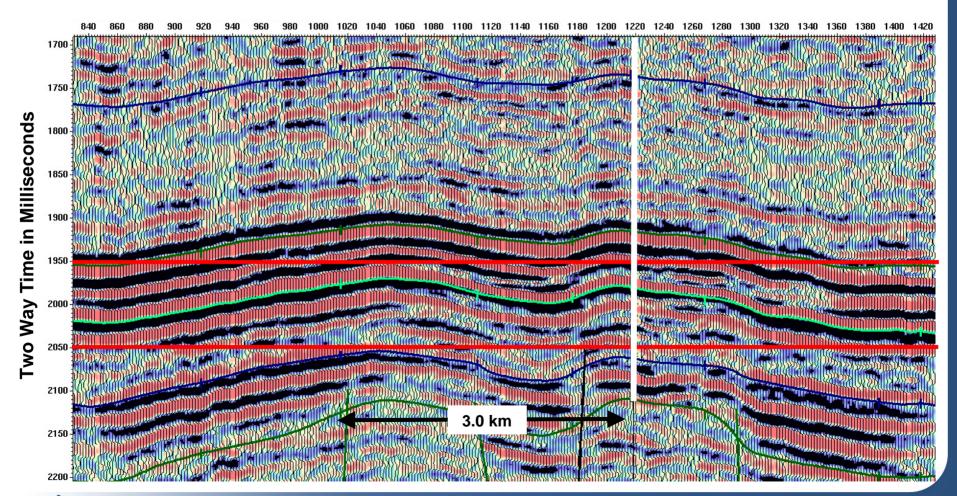
Seismic Line 06-14

**Northwest** 

**Tungolskoye Oil Field** 

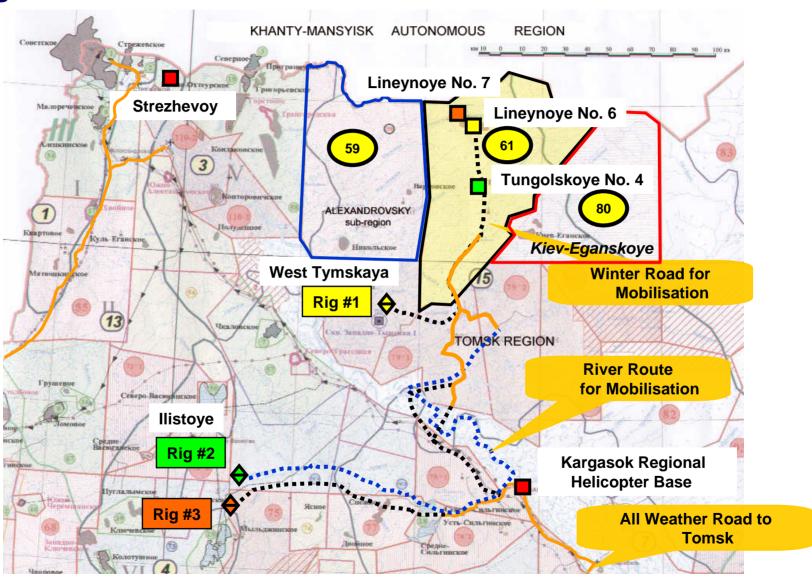
**Southeast** 

#4





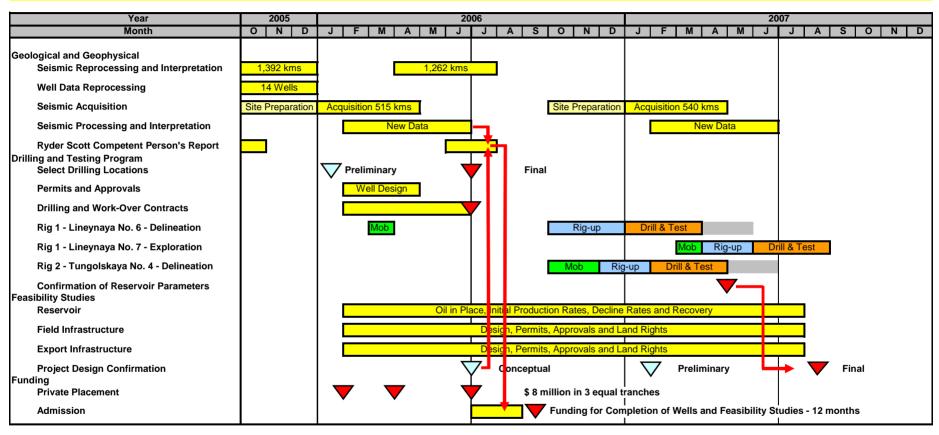
## **Rig Mobilisation**





### **Project Schedule**

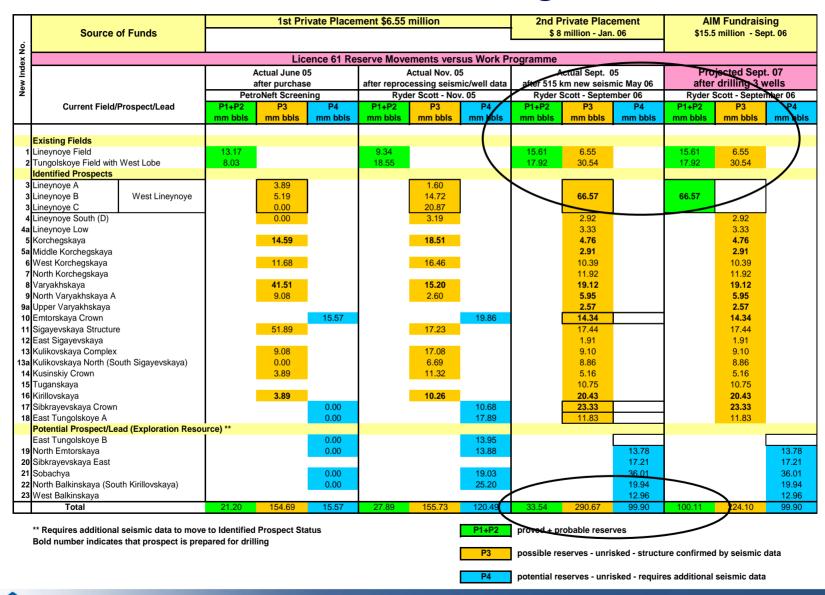
#### License 61 - "Tungolskoye" - Project Schedule



Major Dependancies -



### Reserve Movement versus Work Programme





## **Feasibility Study**

#### Feasibility Study (TEO) Objectives

- Comply with Russian Technical Design and Safety Regulations
- Basis for Russian Development Approval
- Introduction for Bank Financing

# Table of Contents – Siberian Scientific Research Institute for Geology, Geophysics and Mineral Resources (TF FGUP SNIIGGMS)

- 1) Introduction
- 2) General information about the field
- 3) Geological setting (includes reservoir characterization & modeling)
- 4) Preparation of field-geologic and technical-and-economic basis for development design
- 5) Technical parameters of different development options
- 6) Technical-and-economic analyses of development options
- 7) Production technique and technology
- 8) Requirements and recommendations for well design, drilling methods, formation drilling, casing and well completion
- 9) Project justification for a forecast of well production, drilling volumes and water injection volumes
- 10) Project design of monitoring system and management of field development
- 11) Environmental protection
- 12) References



### **Summary**

#### Licence 61 "Core Area"

- Primary Focus
  - Monetise Lineynoye and Tungolskoye Oil Fields
    - P1+P2 = 33.5 million barrels
    - P3 = 37.1 million barrels
    - Total 70.6 million barrels
  - Determine full Exploration upside of License Area
    - 20 prospects and 5 potential prospects identified
    - P3 = 253 million barrels, P4 = 100 million barrel
- Active 2006/2007 Work Program
  - Two Delineation Wells confirm Lineynoye and Tungolskoye reservoir parameters
  - Feasibility Study optimise field development and export infrastructure
  - One Exploration Well West Lineynoye Prospect high impact/low risk
    - P3 potential = 66.6 million barrels of oil updip from oil test in L-5 well
    - Successful Outcome could triple P1+P2 reserve base (> 100 million bbls)
  - 540 kms of new 2D seismic data will complete licence obligation
- Company well positioned for further growth as "Knowledgeable Investor"
  - Technical, Transactional, Financial and Management Expertise
- Low cost entry for quality 2P reserves with significant exploration potential



### **Differentiators**

#### **PetroNeft Differentiators in Russia**

- Versus Foreign Major Oil Companies
  - Size and cost structure
  - Willingness to work under current tax and licence regime
  - Russian experience (familiarity with system and values)
  - Willingness to maximize Russian Content
- Versus Foreign Peer Group
  - Technical and Commercial Experience in Russian Project Development
  - Quality Russian management and low cost operating base
- Versus Russian Small to Medium sized Companies
  - Access to Western Financial Markets
  - Ready access to Western Technology and Management Processes
  - Willingness to listen and create win/win situation
  - Willingness to maintain active role for existing owners / managers
  - Ability for existing owners to participate in foreign equity



### Playing the Game Differently in Russia

### **Opportunity**

- Acquire large volumes of onshore oil at low cost
- Build on Sakhalin, Yukos, KMOC, TNGG, Stimul-T experience
  - Build on successful past projects and lessons learned





### **PetroNeft Resources Strategy**

# Strategy: West Siberian Basin is primary current growth area to acquire near term quality P1- P2 Reserves with P3 upside, while evaluating other basins

- Find producing onshore assets/discovered fields that can individually or collectively be added into our existing Core Area. West Siberian Basin is key focus . . . other FSU basins follow.
- Focus on Oil Fields with initially less than 50 million barrels which are below radar of Russian Majors.
- Evaluate possible Joint Venture and M&A opportunities that can provide near term production and meet the required metrics for growth.
- Engage smaller companies that have assets which they might want to divest or jointly develop.
- Participate is Russian Auction and Tender process.
- Using the KMOC, TNGG and Stimul-T models, identify other small Russian companies with business objectives that can be addressed through innovative deal structures. Attributes include:
  - Low cost operator and ownership of quality reserves
  - Commitment to developing western style alliances, providing added value through access to capital markets outside of Russia and western business processes

