

ASX ANNOUNCEMENT

15 July 2013

JULY INVESTOR ROADSHOW PRESENTATION RELEASE

PTO Consolidated Limited (to be renamed Cossack Energy Limited) (ASX: PTO) (**PTO or Company**) is pleased to release its final Investor Roadshow Presentation for its proposed acquisition of the company-making Limnytska Licence, located in Western Ukraine.

Highlights as follows

- **Large resource potential combined with excellent fiscal regime (operating netback on gas ~50%) and high gas price (\$12 per Mcf) provide multi hundred million dollar potential for PTO**
- **Two short term drilling opportunities - shallow 3,400m and deep 5,900m - both with evidence of moveable hydrocarbons**
- **100% ownership provides a Work Up/Farm Out opportunity to maximise investor value in the short term and reduce potential dilution**
- **Near term analogous field acquisition potential to expand resource potential in a proven hydrocarbon region**
- **Easy access to infrastructure provides near term revenue possibilities on successful drilling program**
- **Established in country relationships with vendors, who are all major shareholders, provides comfort of alignment of goals to achieve success for PTO**
- **Benchmark successful AIM and TSX listed companies operating in the area show significant EV discount for PTO shareholders**

PTO is intending to seek shareholder approval for the acquisition of the Limnytska Licence and other resolutions, including a name change to "Cossack Energy Ltd" (ASX: COD), at the upcoming General Meeting to be held on 22 July 2013.

A full prospectus will be issued by PTO today containing complete details of the proposed equity raising, acquisition and related matters.

The Company plans to embark on a series of roadshow presentations to fund managers and investor groups in the following regions: Australia, The Middle East, Asia and Europe.

Given the strong investor interest to date, PTO has confidence of a successful re-compliance and associated capital raising. The Company looks forward to providing existing and new shareholders with further updates in the near term.

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About PTO:

PTO is an ASX listed Eastern European centred oil and gas exploration and development company focussed on advancing highly prospective assets within the world class oil and gas provinces of the Ukraine and Eastern Europe.

The Company's first acquisition is the Limnytska Licence, which is a large onshore oil and gas project spanning some 172km² in Western Ukraine. Located adjacent to known discoveries and near to existing large producing oil and gas fields, Limnytska is considered a relatively low risk appraisal opportunity with significant upside.

Through its established in-country relationships and management expertise, the Company intends to expand its portfolio throughout the Ukraine and Eastern Europe to develop a diversified exploration and production oil and gas company.

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COSSACK ENERGY LTD

Investor roadshow presentation
ASX – PTO [COD]
July 2013

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- The resource estimates in this presentation have been prepared by RPS Energy Services Pty Ltd, an independent consultancy specialising in petroleum reservoir evaluation and economic analysis. Except for the provision of professional services on a fee basis, RPS Energy Services Pty Ltd does not have a commercial arrangement with any other person or company involved in the interests that are the subject of this presentation. Mr. David R. Guise, Managing Director, Consulting of RPS Energy Services Pty Ltd "RPS", has reviewed and subsequently approved the results of the evaluation. Mr. Guise has in excess of 35 years of petroleum engineering experience. He is Managing Director – Consulting, Australia Asia Pacific of RPS and a Registered Professional Engineer and member of the Society of Petroleum Engineers. Other RPS employees involved in this work hold degrees in geology, geophysics, petroleum engineering or a related subject and have relevant experience in the practice of geology, geophysics or petroleum engineering.

Investor Proposition



- **Cossack Energy Ltd (ASX: PTO [COD])** is focused on advancing highly prospective assets within the world class oil and gas provinces of the Ukraine.
- **The Limnytska Licence comprises:-**
 - large onshore 20 year tenure oil and gas licence spanning some 172km² in Western Ukraine;
 - Total Mean Recoverable Prospective Resource of >800 Bscf of gas independently estimated¹;
 - large resource potential combined with excellent fiscal regime and high gas price provide a multi hundred million dollar opportunity for Cossack;
 - located adjacent to known discoveries and near to large producing oil and gas fields and regional infrastructure; and
 - a low risk, appraisal opportunity with tremendous upside within a petroleum rich province with a clear path to near-term production on the back of exploration success.

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Note 1 – For full details see RPS Report & Tables in Appendix 6

Board Members

(For full resumes see Appendix 1)

- Peter Wall – Non-Executive Chairman
 - *Significant corporate and commercial law experience, expertise at evaluation of eastern-bloc assets, chairman of Discovery Resources.*
- David King – Managing Director
 - *Engineer with over 30 years experience in the infrastructure, energy and oil & gas industries. Formerly CEO-WA for multinational CMS Energy and executive management role at APA Group.*
- Michael Davy – Non Executive Director
- Lisa Wynne – Company Secretary

Why the Ukraine?



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Opportunity	Driver
<p>Numerous large and established oil & gas rich provinces</p>	<p>Three major basins with unexplored conventional reserves estimated to be in excess of 40 Billion Barrels of Oil Equivalent. Cossack asset acquired in the Carpathian Basin but significant opportunities also present in the Dnieper-Donets and Black Sea / Azov-Kuban Basins.</p>
<p>Large multinational & other players recognising the opportunity to enter the market</p>	<p>Super-majors Shell, Chevron and ExxonMobil have all recently signed multibillion dollar agreements with the Ukraine government to develop conventional and unconventional resources. Other international early movers such as: Cub Energy, JKC Oil and Cardogan Petroleum and locals Hawkley Oil and Aleator Energy have had some success.</p>
<p>Dynamic gas market offering great pricing</p>	<p>One of the worlds most energy intensive countries with domestic production desperately needed to reduce dependency on Russia and to fuel industry. Premium natural gas pricing which is many multiples of US pricing leading to an excellent potential for strong margins (>50%).</p>
<p>Supportive government with excellent fiscal terms for oil & in particular domestic gas exploration & production</p>	<p>Fiscal terms in the Ukraine are very favourable having been set to encourage the domestic production of oil and in particular gas. The domestic gas price is in excess of \$12 per mscf and gas royalties are between 14% and 25% (dependent upon depth of field and end use). Corporate profit tax will be reduced from 19% to 16% in 2014.</p>
<p>Large pool of local skilled and highly experienced petroleum industry workers</p>	<p>Population of 45 Million with the forth highest number of university graduates in Europe each year, many from well established and specialized petroleum establishments. GDP only around \$6,400 per capita so salary expectation still reasonable.</p>

Location map - Ukraine

Main distribution route for gas from Russia & Central Asia to the west

Entry of majors such as Shell, Chevron and ExxonMobil

Strong domestic gas prices >\$12 per mscf

Pioneer opportunities within proven, rich O&G provinces



SUPPLY

Estimated 39Tcf gas and 395mmbbl oil resources



Investment Highlights



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Opportunity	Driver
<p>Substantial resource potential of >800 Bscf of mean recoverable gas independently estimated¹</p>	<p>Large resource potential combined with excellent fiscal regime (operating netback on gas ~50%) and high gas price (\$12 per mscf) provide multi hundred million dollar potential to Cossack.</p>
<p>Underexploited assets identified with growth potential already in place</p>	<p>The Carpathian Basin has multiple possible conventional oil and gas assets at all stages of development which would make excellent acquisition targets for a dynamic company such as Cossack Energy with appropriate technical operating capabilities.</p>
<p>Access to historical Soviet data has de-risked the asset</p>	<p>Well logs from two historical wells and seismic has enabled delineation of significant prospective resources with direct reservoir characterization and hydrocarbon indications.</p>
<p>Early mover in the mature petroleum provinces of the Ukraine</p>	<p>Cossack's focus is based on the world class oil and gas appraisal prospects of a significant size that are available despite relatively low technical risk in a business environment that is improving for foreign investment. Return potential akin to frontier areas but in a mature petroleum province where technical risk is relatively low.</p>
<p>Strong local partnerships</p>	<p>Cossack has established excellent relationships on the ground over an extended period with influential players in the Ukraine oil & gas sector – additional opportunities for expansion available when appropriate.</p>

Limnytska Licence Overview



- **Large Licence, Large Resource:** The Limnytska Licence is a large (172km²) onshore oil and gas licence with a relatively low risk appraisal opportunity with significant hydrocarbon potential in the licence which has been independently estimated to contain a total mean prospective gas resource in excess of 800 Bscf¹.
- **100% ownership:** Cossack has entered into a series of agreements pursuant to which it has agreed to acquire 100% of the Limnytska oil and gas licence located in Western Ukraine.
- **20 Year Term:** 20 year licence term (until 2027) and high equity interest combined with large resource increases potential for an attractive farm-out.
- **Proven Petroleum System:** There are known discoveries updip from the Limnytska Licence as well as large producing oil and gas fields regionally that have extended production histories.
- **Hydrocarbon Indicators:** Direct hydrocarbon indications are evident inside the boundaries of the permit with two historic wells indicating the presence of moveable hydrocarbons.
- **Multiple Play Types:** Two zones containing extensive structures have been mapped by seismic and gravimetric surveying and are categorised as the Shallow and Deep Zones.

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Highlights of Prospects



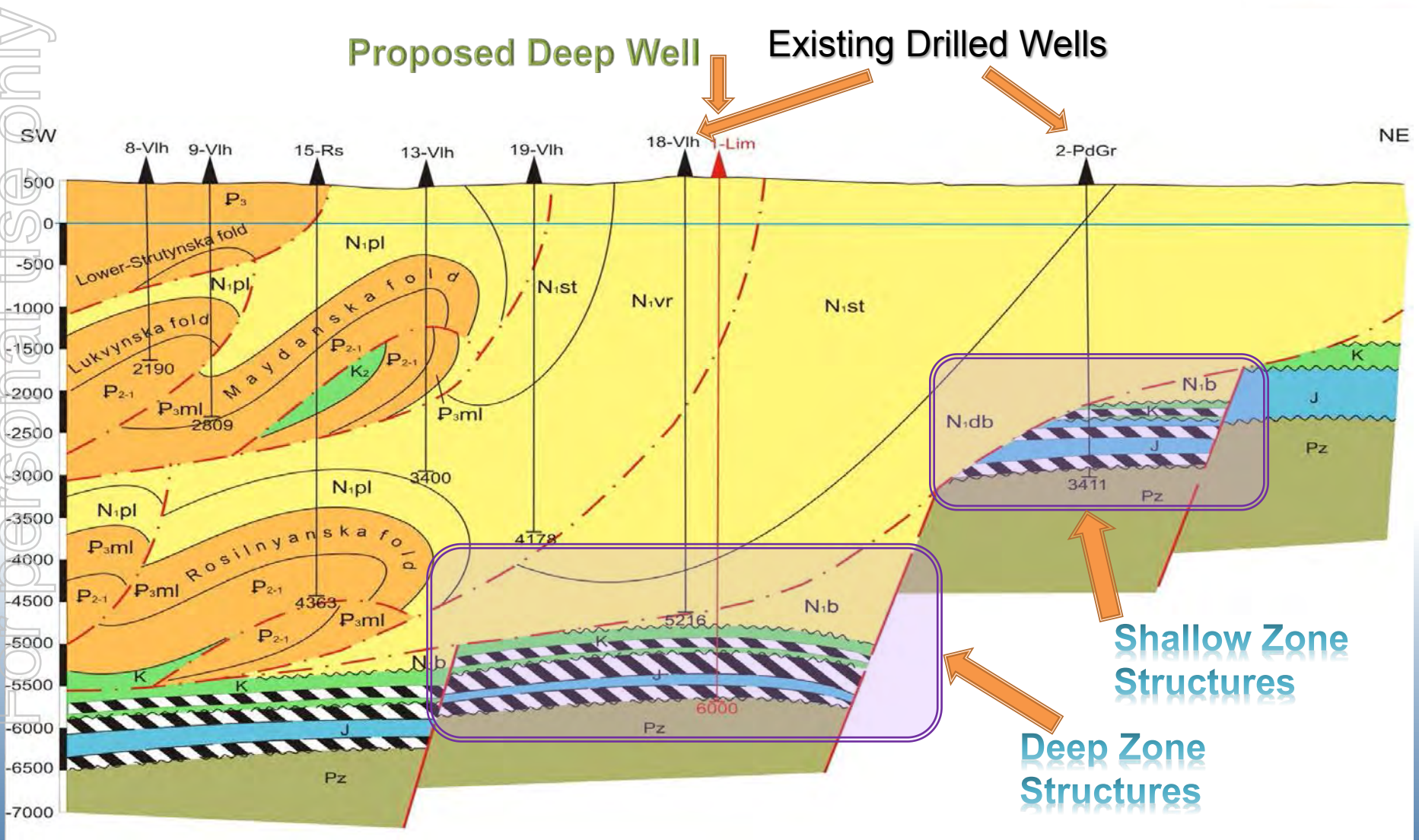
Shallow Zone (Target Reservoir Depth approx. 2,600 to 3,400m):

- Reasonable size multi block structure mapped with 2D seismic on the south-eastern side of the Licence.
- A total net reservoir of around 55 m was intersected across a 750 m gross interval on the Pivdenna Grynivka #2 (PG#2) Well, with porosity up to 15%.
- Location adjacent to existing producing fields de-risks the play type further.
- Mean recoverable prospective resource of over 200 Bscf of gas independently estimated¹.

Deep Zone (Target Reservoir Depth approx. 5,400 to 6,000m):

- Large deep multi block structure identified in the western portion of the Licence with an independent estimate of a mean recoverable prospective resource of over 600 Bscf of gas and 12 MMBbls of condensate¹.
- Mud logging from the Vilkhivska #18 Well determined abnormally high amounts of gas and condensate present just above the identified reservoir structure indicating the presence of moveable hydrocarbons (see Appendix 9).
- Prospect size and working interest large enough to attract significant farm-out partner to manage drilling risk whilst maintaining exposure to large upside potential, if desired.

Cross-section through Limnytska and adjacent region showing the Shallow and Deep Structures



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Overview of Prospects

Shallow Zone

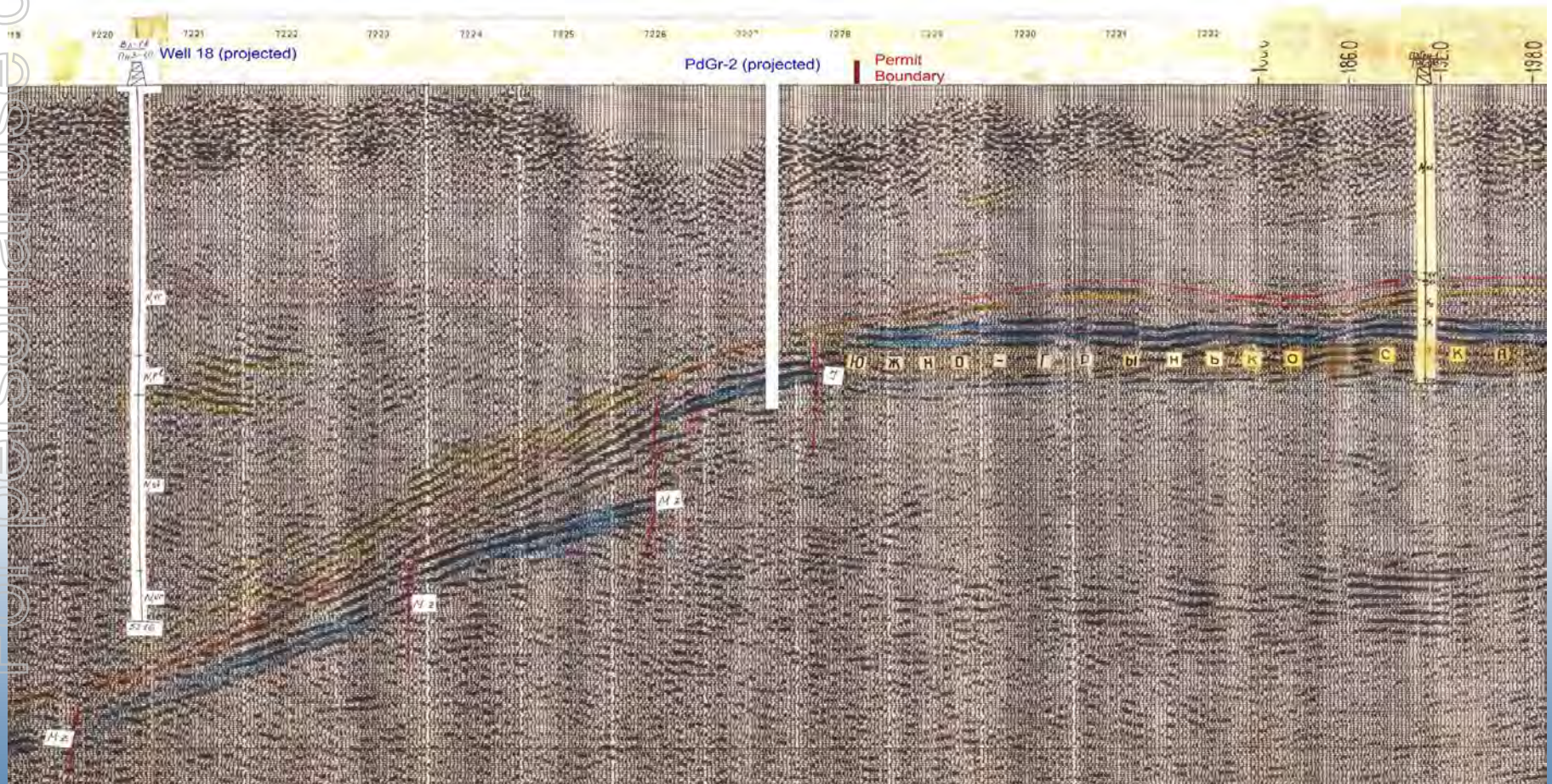
- Well PG#2 was drilled to 3,400 m and penetrated the Mesozoic section and reached total depth in Cambrian age rocks.
- Good porosity (avg 10%, max 15%) indicated on logs over a large 55m pay interval from 2,670m to 3,400m.
- Independently estimated mean **total prospective recoverable resource of in excess of 200 Bscf of gas¹**.

Deep Zone

- The well #18 Vilkhivska was drilled to 5,216m with a planned depth of 5,900m but did not reach Mesozoic.
- Strong geological evidence of large structures that have been largely undrilled due to depth and technological limitations during Soviet ownership.
- Geological modelling from gravity mapped structure indicates potential for a significant quantity of gas in one of several structures in the deep section on the licence.
- Resource partially proven by log response on historic well terminated just short of primary target.
- Independently estimated mean **total prospective recoverable resource of in excess of 600 Bscf of gas and 12 MMBbls of condensate¹**.

Historic Regional Seismic Cross-Section

Showing the projected locations of wells #18, PG#2 and PG#1 (outside of the permit boundary)



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RPS Prospective Resource Estimates

Complete tables of the RPS Prospective Resources are included in Appendix 6



The **Best Estimate (P50) of the Prospective Resource (recoverable)** for the most prospective block in each zone and the probabilistic totals are as follows:-

Shallow Zone (Four prospective blocks with one lead):

- Shallow Block 3 only (Location of PG#2)
 - **Gas: 130 Bscf Condensate: 2.6 MMbbls GCoS²: 22% (Mean: 155 Bscf)**
- Probabilistic Total³. (if all prospects are successful)
 - **Gas: 258 Bscf Condensate: 5.2 MMbbls GCoS: <<1% (Mean: 217 Bscf)**
- Probabilistic Total⁴. (given at least one success)
 - **Gas: 50 Bscf Condensate: 1.0 MMbbls GCoS: 57% (Mean: 90 Bscf)**

Deep Zone (Four prospective blocks):

- Deep Block 1 only (Location of Well #18)
 - **Gas: 162 Bscf Condensate: 3.2 MMbbls GCoS: 18% (Mean: 249 Bscf)**
- Probabilistic Total³. (if all prospects are successful)
 - **Gas: 396 Bscf Condensate: 7.9 MMbbls GCoS: <<1% (Mean: 615 Bscf)**
- Probabilistic Total⁴. (given at least one success)
 - **Gas: 120 Bscf Condensate: 2.4 MMbbls GCoS: 53% (Mean: 204 Bscf)**

1 The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

2 Geological Chance of Success.

3 Statistical aggregation assuming that all prospects are successful. The probability of this occurring is the product of all risks and is likely to be extremely small.

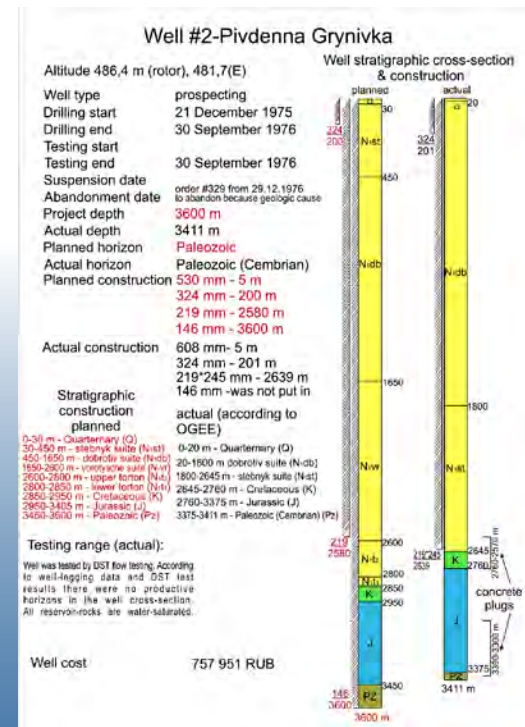
4 Statistical aggregation assuming at least one prospect is successful. This total takes into account all possible successful outcomes and the mean value of this distribution represents the true expectation of success.

Pivdenno-Grynivska #2 (PG#2)

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- Potential re-entry of PG#2 subject to seismic data analysis
- Acquisition of modern 2D seismic over the area will assist with assessment of volumetric potential.



Well #18-Vilkhivska



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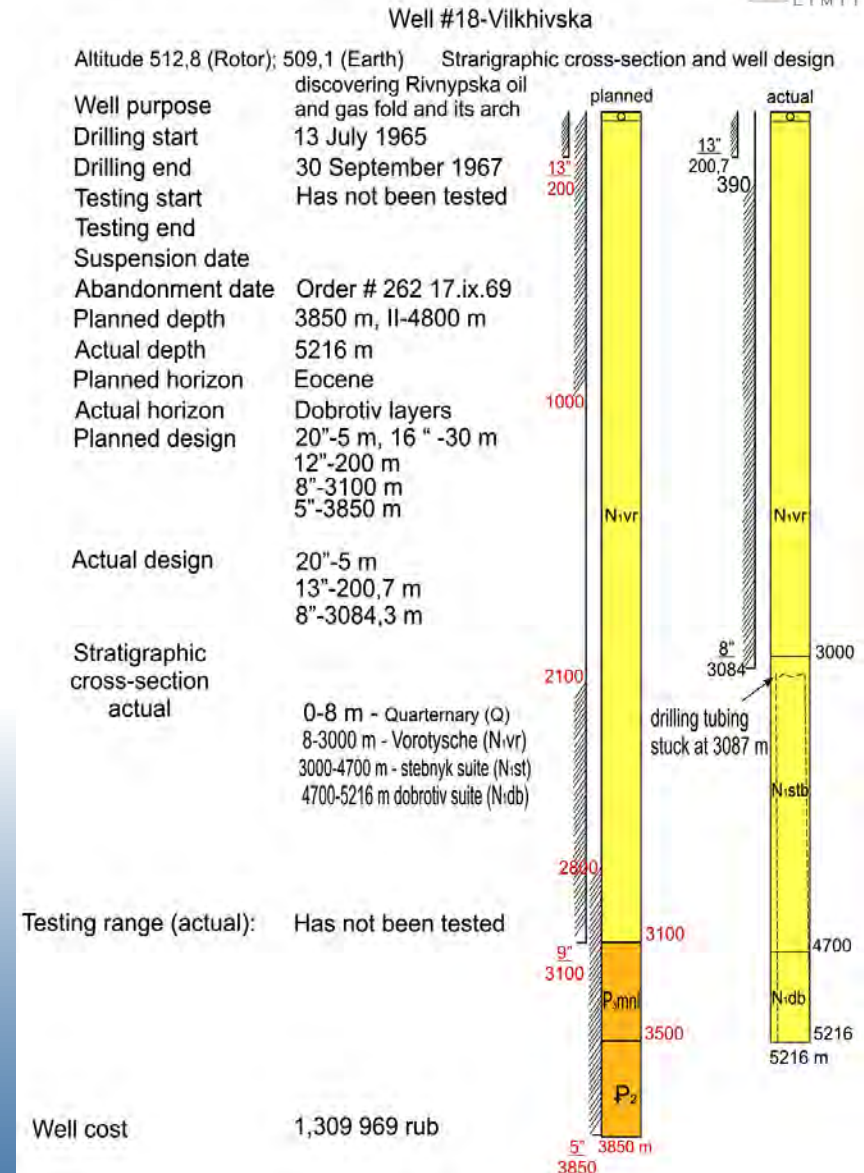
The well penetrated 3 horizons of Neogene but did not reach the Eocene target horizon.

At the depth of 5,216 m an intensive oil-&gas outburst caused the drilling tubing breakdown.

The Mud Logs from just above the target horizon show the presence of extensive hydrocarbons at levels in excess of 50% (See Appendix 9 for Well mud logs).

Due to the accident, the well was abandoned having never been tested.

- Had modern drilling methods been utilised, then a new discovery would have been likely.



Well #18-Vilkhivska Oil Seeps

Promising signs - oil seeps can clearly be seen on the well head.



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Timetable of Critical Activities



Activity	Q3 2013	Q4 2013	Q1 2014	Q2 2014	Q3 2014	Q4 2014
NOM & Prospectus despatched						
General Meeting (22 nd July 2013)						
Capital Raising (\$3 to \$6 Million)						
Completion of Acquisition						
Seismic Acquisition						
Seismic processing						
Potential re-entry or twin of PG#2						
Pilot production from Shallow						
Potential bolt-on Ukraine Acquisition						
Farm-out negotiations for Deep Prospect						

Proposed Capital Structure



	Shares	Performance Shares	Options
Current issued capital (pre-Consolidation)	325,877,006	-	100,000,000
Current issued capital (post 1:17 Consolidation)	19,169,236	-	5,882,353
Issue of shares – Acquisition	40,000,000	-	
Issue of shares – Capital Raising	30,000,000 ¹	-	
Issue of Class A Deferred Consideration Shares	-	6,000,000	
Issue of Class B Deferred Consideration Shares	-	6,000,000	
Issue of Class C Deferred Consideration Shares	-	8,000,000	
Total	89,169,236	20,000,000	5,882,353

The pro-forma capital structure of the Company following completion of the change of activities, consolidation, capital raising, and Ukraine acquisition is set out opposite:

❖ Notes:

1. Assumes 30 million shares taken up pursuant to Capital Raising (to raise \$6m)
2. Detail of the material terms of the agreements are outlined in Appendix 4 with further details provided to shareholders in the Notice of Meeting and Prospectus.

Cossack Energy Limited



- Cossack will be seeking Shareholder approval for the allotment and issue of up to 30,000,000 Shares on a post-Consolidation basis at an issue price of \$0.20 to raise up to \$6,000,000. The Capital Raising will be undertaken via the issue of a prospectus which was released on 15 July 2013.
- The Company intends to use the funds from the Capital Raising towards:-
 - a. completion of the Limnytska acquisition;
 - b. initial exploration activities on the Limnytska Licence, including 2D seismic acquisition and potentially re-entry of the PG-2 well;
 - c. funding working capital requirements;
 - d. funding capital raising costs; and
 - e. funding of the review and potential acquisition of a bolt-on oil & gas exploration project in the region.

❖ **Note:** Detail of the Capital Raising have been provided to shareholders in the Notice of Meeting and Prospectus.



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Thank You
and Questions

Appendix 1: Directors and Management



Peter Wall – Non-executive Chairman

Peter is a qualified lawyer, holding degrees in law, finance and a Masters of Applied Finance and Investment and is a Partner at the law firm Steinepreis Paganin, having been admitted to practise in 2000. He has significant experience in corporate and commercial law with specific expertise in equity capital markets, mergers and acquisitions and resources law. Peter has identified, reviewed and sourced a number of mining opportunities in ex-Soviet countries, including the significant coking coal project acquired by Celsius Coal Limited (ASX: CLA) in the Kyrgyz Republic and is Non-Executive Chairman of listed exploration company, Discovery Resources Ltd.

David King – Managing Director

David is a qualified engineer and has been involved in the infrastructure, energy and oil & gas industry for over 30 years. He started his career based out of the UK installing and commissioning large power and gas compression units both on and off-shore in most of the oil and gas provinces worldwide.

More recently for a period of in excess of 15 years, David was the West Australian business unit CEO for the US based multinational, CMS Energy and then ASX listed APA Group responsible for infrastructure assets in excess of \$1 Billion and a direct workforce exceeding 250.

Michael Davy – Non-executive Director

Michael has been involved in the Resources sector for 6 years. During this time he has identified, reviewed and sourced a number of mining opportunities throughout Africa, South America, Europe and Australia. Michael previously headed up the Finance division in Australia for a listed Norwegian Oil and Gas Drilling company.

He has 13 years experience as an Accountant and is a member of CPA Australia and is also a Director and owner of a number of successful private companies.

Lisa Wynne – Company Secretary

Lisa holds a Bachelor of Business and is a Chartered Accountant with significant experience in the administration of ASX and TSX listed companies, corporate governance and financial accounting.

Ms Wynne has operated a corporate consulting business for the past 6 years and over the past 9 years has held the position of Company Secretary & Financial Controller for a number of listed resource companies.

Appendix 2: Introduction to Ukraine



- Area: 603,628 sq km (about the same size as Texas)
- Population: 45.1 million (2011); 78% Ukrainian, 17% Russian
- GDP (nominal) : \$136.4 billion; \$6,400 per capita (PPP)
- GDP Real Growth Rate: 4.2% (2010 estimate)
- Unitary semi-presidential republic
- Independence from USSR 24 August 1991
- Russia remains major trading partner: exports 24.1%, imports 33.9%
- Currency: Hryvnia (UAH); ~8.15 UAH/US\$
- Capital: Kiev (Kyiv), population 2.6 million
- L'viv: population 760,000 (2010), capital of L'viv Oblast

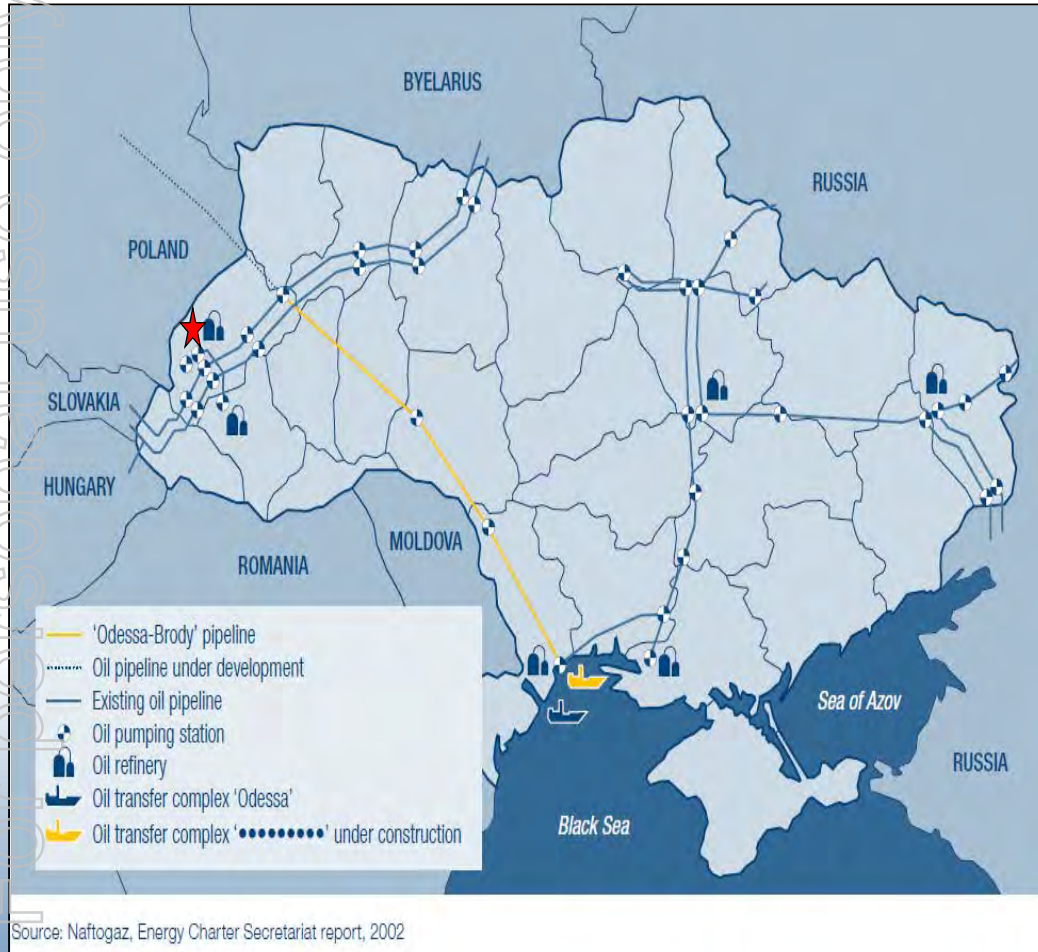


Appendix 2: Ukraine Gas Industry



- Ukraine gas reserves 33 TCF (31 December 2010)
- Domestic production meets only ~28% gas consumption
- Excellent gas pricing at around \$12 per mscf
- Good fiscal environment for gas with margins in excess of 50%
- Gas imports from Russia and Turkmenistan
- Ukraine is a strategically important transit country for Russian gas exports to Europe
- Political drive to become self sufficient for energy

Appendix 2: Ukraine Oil Industry



- Ukraine oil reserves 395 million barrels (Jan 2011)
- Declining domestic production to 50% of total demand since 2000
- Oil consumption is met by imports from Russia and Kazakhstan
- Good fiscal terms for oil with margin circa 45%
- Opportunities to re-enter old Soviet wells are endless but not without technical difficulties

Appendix 3: Public-Private Companies operating in the Ukraine



The private oil & gas sector is expanding as new players enter the market with encouragement from the government.

However, many existing private companies that have special permits for exploration do not possess sufficient capital to fund needed exploration & production (e & p) projects and fulfill their work plans.

The private oil & gas market will undergo consolidation in the near future as well-funded winners take out those companies that cannot find the funds to meet work plans.

Nine private firms entered the market in 2012

Gas production in Ukraine, MMCM

Companies	2011	2012
Hawkley Oil & Gas	60.0	53.0
Devon	-	25.7
Dion	-	12.4
Nadragas	4.3	8.1
Ukrstgas	-	4.0
Gaskontinental	-	4.0
Gorizontu	-	3.0
Persha Ukrgasnaftova Company	-	1.7
Capital Oil Ukraine	-	1.0
Geologochne buro Lviv	-	1.0
Tehnoresource	-	0.0
Total	64.3	113.9

Nine firms make >95% of private oil production

Oil/Condensate production by main private companies, KMT

Companies	Production	Δ2012/2011	Share of total market
JKX Oil and Gas	78	-21.1%	2.4%
UkrKarpatoil	55	-2.5%	1.7%
Kashtan Petroleum	35	265.2%	1.1%
Uknaftoburinnya	31	-2.8%	0.9%
Naftogasdobucha	23	-31.5%	0.7%
Geo Alliance	18	-21.1%	0.5%
Regal Petroleum	13	105.6%	0.4%
Boruslavaska Oil Company	12	-4.0%	0.4%
Kulczyk Oil	8	152.9%	0.3%
Total for nine largest private players	273		8.3%

Nine firms make >80% of private gas production

Gas production by main private companies, MMCM

Company	Production	Δ2012/2011	Share of total market
Naftogasdobucha	645	-16.6%	3.0%
JKX Oil and Gas	306	-22.5%	1.4%
Kulczyk Oil	222	152.1%	1.0%
Geo Alliance	208	-17.7%	1.0%
Esko-Pivnich	185	15.5%	0.9%
Uknaftoburinnya	116	-8.0%	0.5%
Denysovske	100	-48.7%	0.5%
Ukrgazdobucha	82	3.8%	0.4%
Regal Petroleum	75	107.5%	0.3%
Total for nine largest private players	1,940		9.0%

Appendix 4: Material Agreement Terms – Cash & Consideration Shares



Pursuant to the Agreement, the Company has the right to acquire 100% of the issued share capital in the entities that own the Limnytska Licence. The material terms of the Agreement are as follows:-

Cash Consideration

- The Company agrees to pay the following cash consideration to the vendors:
 - a) A non refundable cash payment of USD 150,000 on satisfaction of legal and technical due diligence investigations;
 - b) USD 500,000 at settlement;
 - c) Following completion by the Company of either a 2D or 3D seismic program on the Licence, USD 800,000 upon an independent report on the Licence confirming that there is a minimum of 25 million barrels of oil equivalent (recoverable) at P50 contingent resource level (to SPE-PRMS standards);
 - d) USD 1 million upon re-entry of the Pivdena Grynivka #2 (PG#2) Well; and
 - e) USD 1 million on spud of a new well on the Licence (other than the PG#2 Well).

Consideration Shares

- Subject to conditions of the Acquisition, at settlement of the Acquisition, the Company has agreed to allot and issue 40,000,000 fully paid ordinary shares in the capital of the company (**Shares**) in consideration for the Acquisition.

Deferred Consideration Shares

- Subject to conditions of the Acquisition and the fulfilment of certain performance milestones in relation to the Licence, following settlement, the Company has agreed to allot and issue:-
 - a) 6 Million Shares if, within three years from settlement, the PG#2 Well is re-entered and production from that well is at least 400 BOEPD (50 tonnes) (**Class A Milestone**);
 - b) 6 Million Shares if, within three years from settlement, a second well on the Licence (not being the PG#2 Well) is completed and production from that well is at least 400 BOEPD (50 tonnes)) (**Class B Milestone**); and
 - c) 7 Million Shares if, within three years from settlement:-
 - i. Commercial flow rates have been achieved from two or more wells on the Licence (i.e. >200 BOPD average per well for 90 days continuous flow within 180 days of each well commencing production); and
 - ii. An independent report on the Licence (commissioned by the Company) confirms that there is a minimum of 20 MMBO (recoverable) at the P50 contingent resource level (to SPE-PRMS standards) (**Resource**);(together **Class C Milestones**)

with the number of Share to be issued increasing to 8 Million Shares in the event that the Resource equals or exceeds 40 MMBO (recoverable at P50 contingent resource level.

Appendix 5: Prolific Oil & Gas Bearing Region



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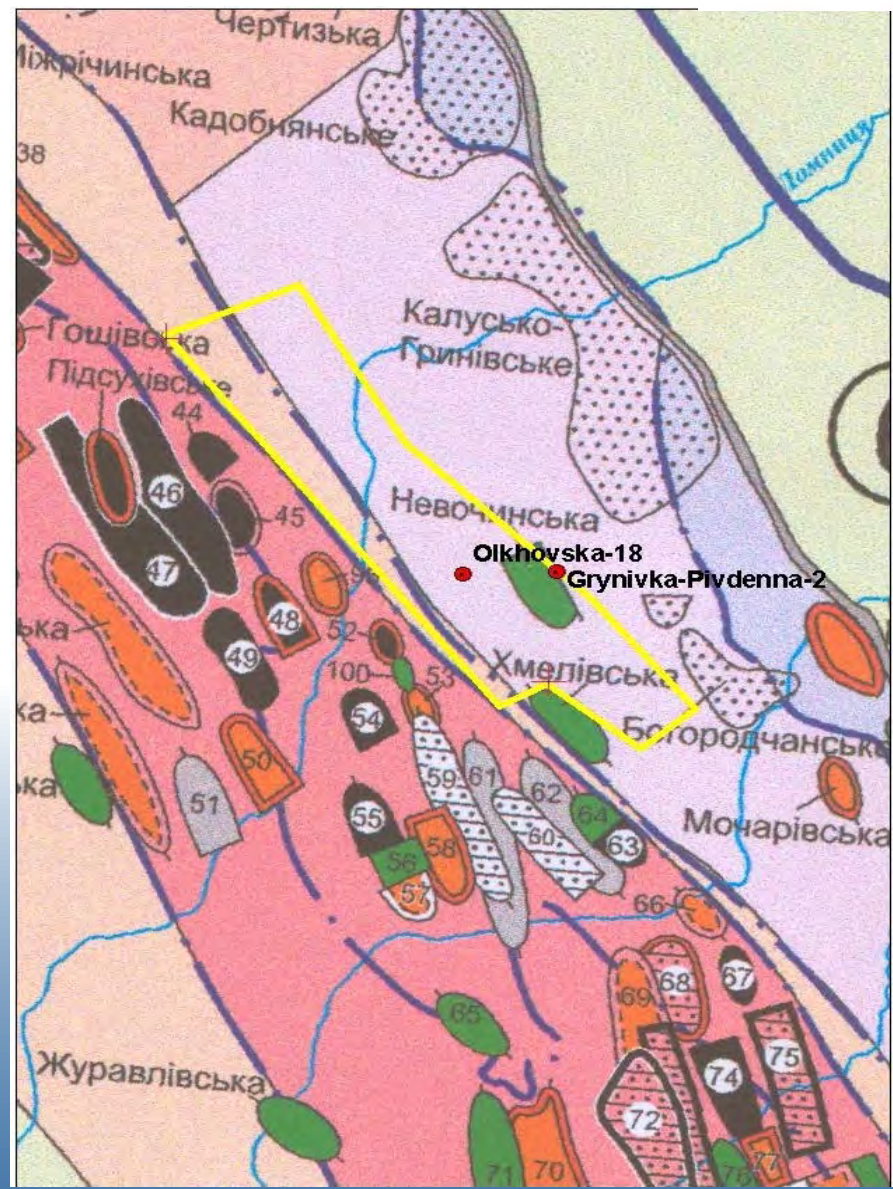
Carpathian oil and gas province is among the oldest oil-and-gas-producing regions of the world. Oil has been produced from the region since the second half of 18th century.

There have been more than 100 oil and gas fields discovered in the west Ukrainian oil-and-gas-bearing region up to this time.

The majority of the oil and gas fields have been discovered in Bilche-Volytsa region where the permit is located (≈ 50) and the Boryslav-Pokuttya region (<40) oil-and-gas-bearing units.

The Limnytska Permit (shown in yellow) is located in this prolific Bilche-Volytska oil-and-gas bearing unit.

Limnytska is located in a very prospective trend. It is surrounded by oil, gas and gas condensate fields which are numbered in the map opposite.



Appendix 6: RPS IGR Shallow Block



Limnytska Shallow Prospects	¹ Gross Prospective Resources (Bscf)				Risk Factor GCoS ²	Operator
	Low Estimate	Best Estimate	High Estimate	Mean Estimate		
Shallow Block 1 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				19%	PTO
	2	6	17	9		
	Prospective Resources(Bscf)					
	1	4	14	6		
Shallow Block 2 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				13%	PTO
	12	57	199	86		
	Prospective Resources(Bscf)					
	7	40	159	60		
Shallow Block 3 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				22%	PTO
	62	185	431	221		
	Prospective Resources(Bscf)					
	37	130	345	155		
Shallow Block 4 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				16%	PTO
	2	14	65	27		
	Prospective Resources(Bscf)					
	1.2	10	52	19		
Shallow Lead area Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				11%	PTO
	7	51	158	72		
	Prospective Resources(Bscf)					
	4	36	126	50		
Probabilistic Total (if all prospects are successful) ³	Undiscovered Petroleum Initially-In-Place (Bscf)				GCoS <<1% Probability of all Prospects being successful is very small	
	187	368	671	310		
	Prospective Resources(Bscf)					
	112	258	537	217		
Probabilistic Total (given at least one success) ⁴	Undiscovered Petroleum Initially-In-Place (Bscf)				GCoS 57%	
	5	72	339	129		
	Prospective Resources(Bscf)					
	3	50	271	90		
Prospective Condensate (mmbbls)						
0.03	1.0	8.1	1.8			

Table 1 - Shallow Fault Blocks Prospective Resources

¹ The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

² Geological Chance of Success.

³ Statistical aggregation assuming that all prospects are successful. The probability of this occurring is the product of all risks and is likely to be extremely small.

⁴ Statistical aggregation assuming at least one prospect is successful. This total takes into account all possible successful outcomes and the mean value of this distribution represents the true expectation of success.

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Appendix 6: RPS IGR Deep Block



Limnyska Deep Prospects	Gross Prospective Resources (Bscf)				Risk Factor GCoS ⁶	Operator
	Low Estimate	Best Estimate	High Estimate	Mean Estimate		
Deep Block 1 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				18%	PTO
	44	232	800	355		
	Prospective Resources(Bscf)					
	26	162	640	249		
Deep Block 2 Cretaceous and Jurassic Sections	Prospective Condensate (mmbbls)				18%	PTO
	0.3	3.2	19.2	5.0		
	Undiscovered Petroleum Initially-In-Place (Bscf)					
	28	160	649	256		
Deep Block 3 Cretaceous and Jurassic Sections	Prospective Resources(Bscf)				18%	PTO
	17	112	519	186		
	Prospective Condensate (mmbbls)					
	0.2	2.2	15.6	3.7		
Deep Block 4 Cretaceous and Jurassic Sections	Undiscovered Petroleum Initially-In-Place (Bscf)				18%	PTO
	41	104	317	151		
	Prospective Resources(Bscf)					
	25	73	254	106		
Deep Block 4 Cretaceous and Jurassic Sections	Prospective Condensate (mmbbls)				18%	PTO
	0.2	1.5	7.6	2.1		
	Undiscovered Petroleum Initially-In-Place (Bscf)					
	21	70	223	106		
Probabilistic Total (if all prospects are successful) ⁷	Prospective Resources(Bscf)				GCoS <<1% Probability of all Prospects being successful is very small	
	80	396	1591	615		
	Prospective Condensate (mmbbls)					
	0.8	7.9	47.7	12.3		
Probabilistic Total (given at least one success) ⁸	Undiscovered Petroleum Initially-In-Place (Bscf)				GCoS 53%	
	38	171	691	292		
	Prospective Resources(Bscf)					
	23	120	553	204		
Probabilistic Total (given at least one success) ⁸	Prospective Condensate (mmbbls)				GCoS 53%	
	0.2	2.4	16.6	4.1		

Table 2 - Deep Fault Blocks Prospective Resources (Gas / Condensate Cases)

⁵ The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons

⁶ Geological Chance of Success.

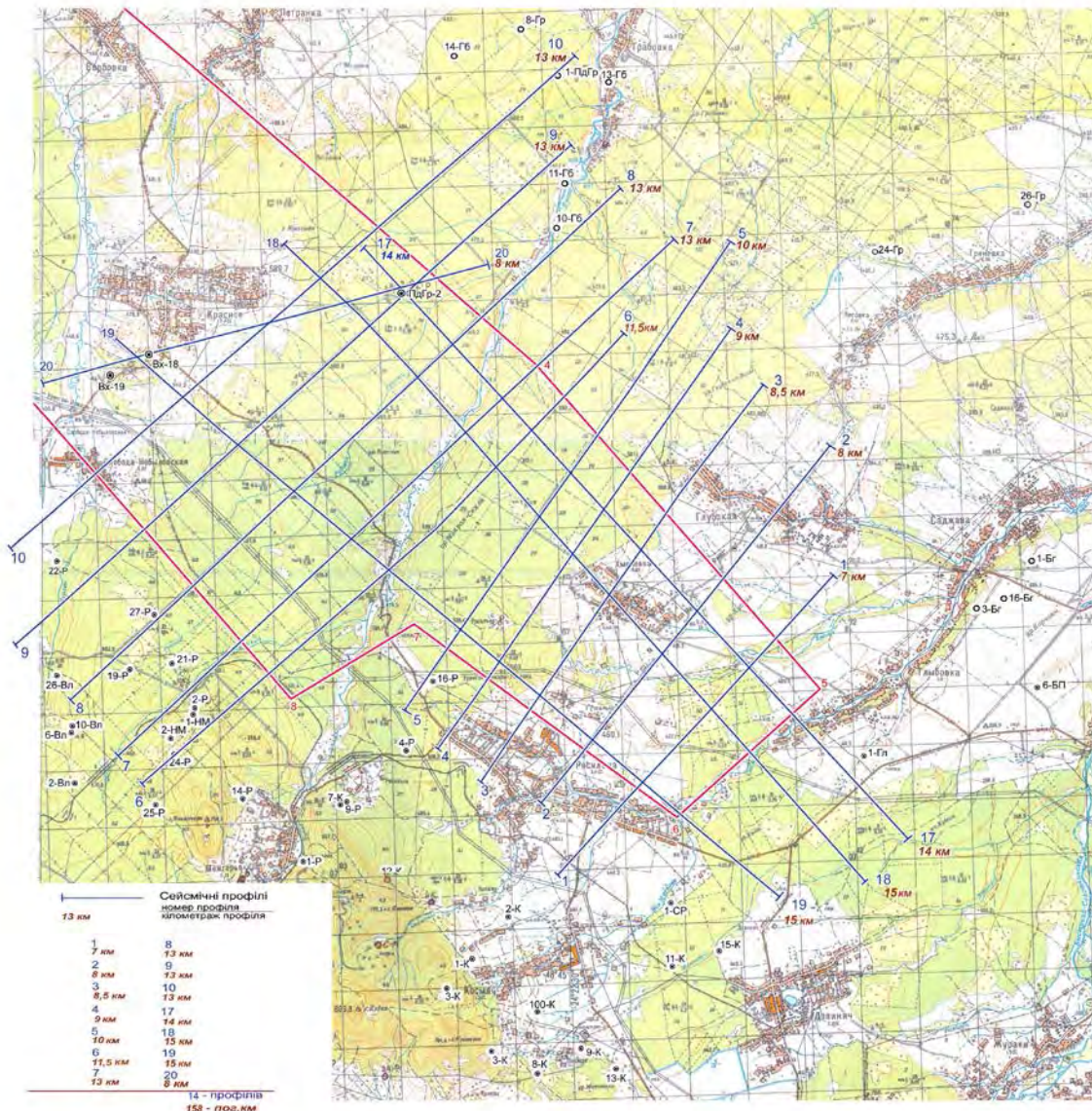
⁷ Statistical aggregation assuming that all prospects are successful. The probability of this occurring is the product of all risks and is likely to be extremely small.

⁸ Statistical aggregation assuming at least one prospect is successful. This total takes into account all possible successful outcomes and the mean value of this distribution represents the true expectation of success.

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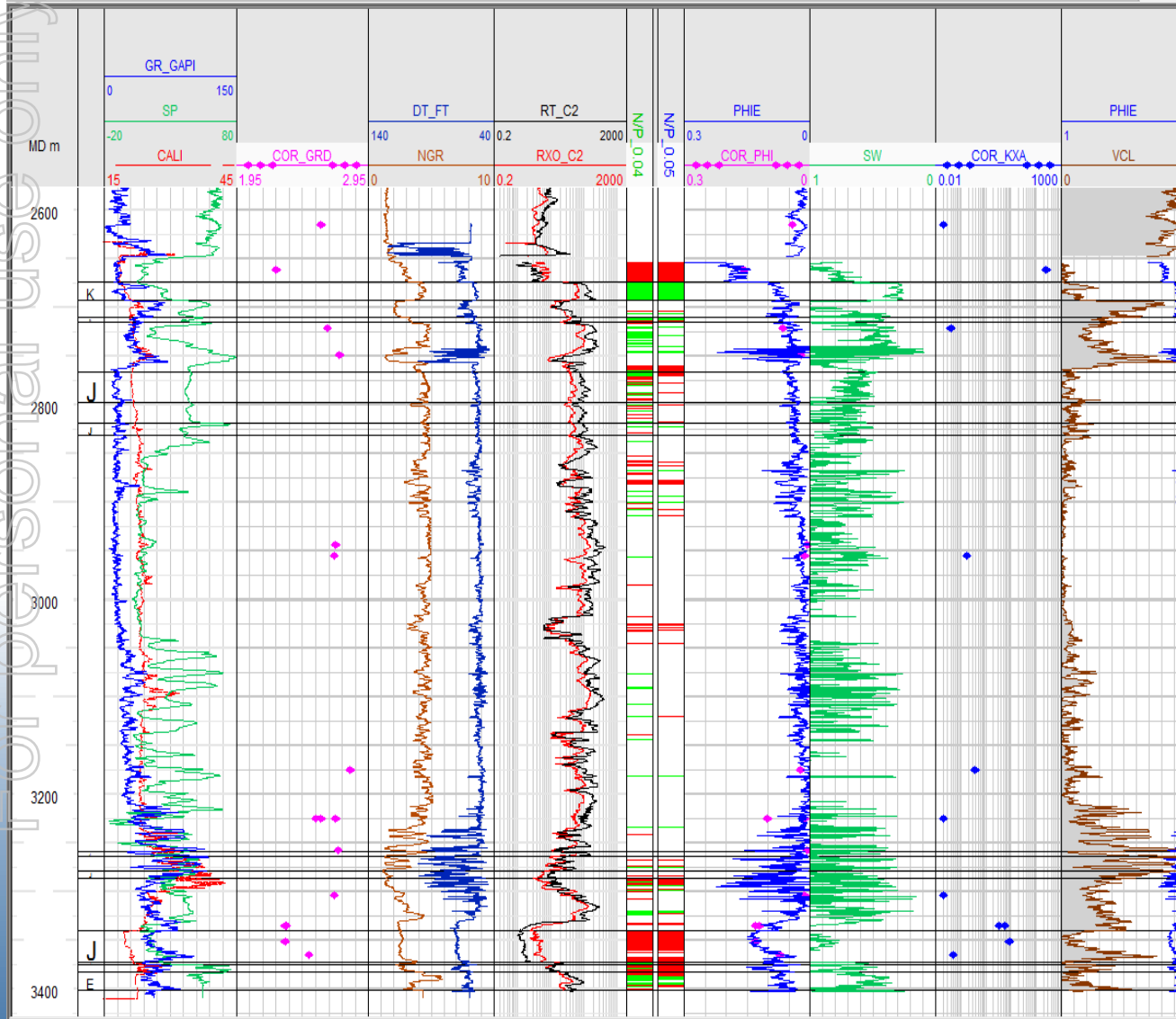
Appendix 7: Proposed Limnytska 2D Seismic Acquisition Plan

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- A proposal is being prepared in conjunction with local seismic contractors to acquire 150 to 200 line kilometres of 2D seismic.
- Acquisition to be across the southern portion of the Limnytska Licence area incorporating the two existing wells.
- Reprocessing of existing historic seismic will be conducted and incorporated in the new geological model.

Appendix 8: PG#2 Well Logs re-interpretation by RPS



A reinterpretation of PG#2 well-logging data was made by RPS Energy using up to date reservoir data, similar field actual experience and new analysis methods.

A net pay of 55 meters was interpreted over a 750 m gross interval although it was cautioned that borehole conditions (enlargement) may have effected the results.

Drilling reports and DST's do not mention hydrocarbon flows but it is suspected that this could have been caused by the drilling techniques typically used during the Soviet era (i.e. overweight mud).

Appendix 9: Well #18 - Mud Logs



Mud-logging over the last 50 meters (5166 to 5216m) determined very high levels (up to 80%) of gas/condensate in the mud samples just prior to the drilling incident.

Sum	Depth, m	Type of sample	CH ₄ Methane	C ₂ H ₆ Ethane	C ₃ H ₈ Propane	C ₄ H ₁₀ Butane	C ₅ H ₁₂ Pentane	C ₆ H ₁₄ Hexane	H ₂ Hydrogen
0.163	5166	mudwater	-	8.5	20.9	25.2	19.1	26.3	-
0.674	5170	mudwater	-	4.0	14.8	27.0	28.5	25.7	-
0.543	5172	mudwater	-	-	14.2	32.5	53.3	-	-
0.491	5174	mudwater	-	10.6	27.5	41.3	20.6	-	0.940
0.648	5176	mudwater	-	9.2	26.1	39.7	25.0	-	0.680
0.237	5178	mudwater	-	-	11.8	37.6	50.6	-	0.500
0.539	5180	mudwater	-	10.7	26.7	41.6	21.0	-	0.672
0.328	5182	mudwater	-	-	10.9	36.4	52.7	-	2.100
0.067	5184	mudwater	-	-	-	38.8	61.2	-	1.050
0.049	5186	mudwater	-	-	-	14.25	36.75	49.0	-
0.183	5188	mudwater	-	1.1	5.5	20.7	37.1	35.6	0.760
0.500	5190	mudwater	-	1.4	1.2	24.0	35.8	37.6	0.820
0.791	5192	mudwater	69.5	1.6	2.5	6.7	11.4	8.3	-
0.022	5194	mudwater	-	-	26.1	41.3	23.6	9.0	0.570
0.231	5196	mudwater	-	-	-	14.7	37.75	47.55	0.716
0.244	5198	mudwater	-	7.75	15.1	29.5	39.05	8.60	0.596
0.520	5202	mudwater	25.9	2.1	13.9	24.1	23.2	9.8	1.720
0.821	5204	mudwater	47.5	5.4	24.3	11.5	9.8	1.4	0.144
0.363	5206	mudwater	88.4	0.5	1.3	2.2	3.5	4.1	1.191
0.353	5208	mudwater	39.2	3.1	9.0	39.2	7.5	2.0	0.396
0.181	5210	mudwater	39.7	1.0	6.1	-	13.5	39.7	0.702
0.148	5212	mudwater	48.5	2.2	2.7	10.1	21.0	15.5	0.628
0.177	5214	mudwater	36.0	1.2	1.7	10.1	24.5	26.5	0.494

Appendix 10: Risk Factors



Other than normal market risks that apply to all listed companies, set out below is a non-exhaustive list of risk factors that apply to the Company:

- The Ukraine's legal system is less developed than more established countries and this could result in the following risks:
 - political difficulties in obtaining effective legal redress in the courts whether in respect of a breach of law or regulation or in an ownership dispute;
 - a higher degree of discretion held by various government officials or agencies;
 - corruption and the judiciary's lack of independence;
 - difficulty in enforcing court decisions;
 - provisions in the laws and regulations that are ambiguously worded or lack specificity and, therefore, raise difficulties when implemented or interpreted;
 - the lack of legal, political or administrative guidance on implementing applicable rules and regulations, particularly in relation to taxation, currency control and property rights;
 - laws in the Ukraine may be enacted with retroactive effect or to be published sometime after their enactment;
 - not all Ukrainian resolutions, orders, decrees, decisions and similar governmental, regulatory and judicial acts are readily available to the public or available in comprehensibly organized form;
 - fundamental Ukrainian laws either have only relatively recently become effective or are still pending hearing or adoption by the Parliament;
 - inconsistencies or conflicts between and within various laws, regulations, decrees, orders and resolutions; or
 - difficulty in predicting the outcome of judicial application of Ukrainian legislation due to, among other factors, a general inconsistency in the judicial interpretation of legislation and relative inexperience of the judiciary.
- Additional risk factors have been set out in the Company's Notice of Meeting and Prospectus and these should be considered in detail by all investors.