

# STRATA-X ENERGY

# Introducing the Copper Mountain Oil Project





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#### Forward-Looking Statements

This summary contains certain statements which constitute forward-looking statements or information ("forward-looking statements"), including statements regarding the use of proceeds. These forward-looking statements are based on certain key expectations and assumptions, including assumptions regarding the general economic conditions in USA and globally, industry conditions in USA and the operations of the Company. These factors and assumptions are based upon currently available information and the forward-looking statements contained herein speak only as of the date hereof. Although the Company believes the expectations and assumptions reflected in the forward-looking statements are solute reliance should not be placed on the forward-looking statements as the Company can give no assurances that they will prove correct and because forward-looking statements are subject to known and unknown risks, uncertainties and other factors that could influence actual results or events and cause actual results or events to differ materially from those stated, anticipated or implied in the forward-looking statements. These risks include, but are not limited to: uncertainties and other factors that are beyond the control of the Company; global economic conditions; risks associated with the oil and gas industry; commodity prices and exchange rate changes; operational risks associated with exploration, development and production operations; delays or changes in plans; specific risks associated with the ability to execute production sharing contracts, ability to meet the company the company to continue as a going concern. The Company assumes no obligation to update any forward-looking statements or to update the reasons why actual results could differ from those reflected in the forward-looking statements. Additional geosciences work will progress to defining drillable locations; risk associated with stock market volatility and the ability of the Company to continue as a going concern. The Company assumes no obligation to update

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#### Cautionary Statement: Undiscovered Resources, OOIP and BOE

Undiscovered Hydrocarbon-In-Place (equivalent to undiscovered resources) is that quantity of petroleum that is estimated, on a given date, to be contained in accumulations yet to be discovered. There is no certainty that any portion of the undiscovered resources will be discovered or that, if discovered, it will be economically viable or technically feasible to produce. Original-Oil-in-Place (equivalent to Discovered Petroleum Initially in Place), also known as 'discovered resource', is defined as that quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations prior to production. The recoverable portion of OOIP includes production, reserves and contingent resources; the remainder is defined as unrecoverable. The terms "barrels of oil equivalent" or "boe" may be misleading, particularly if used in isolation. A boe conversion ratio of six thousand cubic feet (6 mcf) to one barrel (1 bbl) is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead.

The information in this presentation that relates to Petroleum Reserves/Prospective Resources/Contingent Resources that was prepared and published by Chapman Petroleum Engineers Ltd. and dated 21 March 2014 and published on Strata-X Energy Ltd's website to meet the Company's ongoing disclosure requirements (available online at <u>www.strata-x.com</u>), and fairly represents, information and supporting documentation prepared by, or under the supervision of Charles Moore, employed by Chapman Petroleum Engineers Ltd. and is independent of Strata-X Energy Ltd. At the time of the Chapman Petroleum Engineers Ltd. report dated 21 March 2014, Charles Moore was an employee of Chapman Petroleum Engineers Ltd. and a member of the Society of Petroleum Engineers (SPE) amongst other professional petroleum organisations. Chapman Petroleum Engineers Ltd. and Charles Moore consent to the inclusion of this information in this document. As of the issuance of this document, Strata-X Energy Ltd management is not aware of any material information that would change the results of the Chapman Petroleum Engineers Ltd. report as published in the this presentation. See Slide 11 for additional information.









## The Illinois Basin is a Proven and Mature Oil Province

- Production dates back to 1894 with over 4 billion barrels of oil produced to date <sup>(1)</sup>
- Over 140,000 wells have been drilled, with 32,000 wells still producing (1)
- •600+ oil fields produced 9 million barrels last year
- High quality, light, sweet crude oil in multiple conventional shallow structural traps
- Recent mapping, drilling and testing of deeper zones demonstrates significant unconventional and stratigraphic trap potential
- Strata-X believes integrated data analysis combined with new drilling and completion technologies are the keys to unlock this potential







 <sup>(1)</sup> ISGS accessed 2/20/14 www.isgs.Illinois.edu
 Photos from: (R) Library of Congress: Farm Security Administration and (L) Illinois State Geological Survey



## Why is Strata-X focusing on the Illinois Basin?







## **Strata-X's significant Illinois Basin Acreage**



- With 23,595<sup>(2)</sup>, acre Copper Mountain Oil Project, Strata-x now has 100% of ~72,000 net acres
- >1.5 billion barrels of oil produced within 20 mile radius of Strata-X projects <sup>(1)</sup>
- Multiple producing horizons
- Shallow depths 2,000-4,500 feet
- Multiple untested conventional and unconventional oil zones





(1) ISGS accessed 2/20/14 www.isgs.Illinois.edu.

(2) Comprised of approximately 854 individual tenements held by the Company.



Strata-X surrounded by giant oil fields



## **SME Purchase**



### 47% increase in Strata-X's Illinois Acreage

- Purchased 100% of 23,595 net acres
- 100+ potential locations

#### **Includes a recent production Well**

- First horizontal well to test oil potential of the Lower Devonian with NPV (10%) \$1.7 million <sup>(1)</sup>
- Well tested at rates up to100 BOPD
- Oil was light sweet crude and targeted a new unconventional oil accumulation













<sup>(1)</sup> Petroleum 1P Reserves, per independent reserve report dated 21 March 2014 from Chapman Petroleum Engineers Ltd. who's author, Charles Moore, member Society of Petroleum Engineers, consents to the inclusion of this reserve information in this Presentation as it appears. See slide 11 of this Presentation for additional information.



## **Illinois Basin has Multiple Active Petroleum Systems**





### **Shallow Mississippian Carbonates**

- Historic average field size ~ 2 square miles<sup>(1)</sup>
- Historic average field production ~3.8 million bbls<sup>(1)</sup>
- More than five shallow zones produce in Strata-X area
- Production of more than 61 million bbls from the Johnsonville Field adjacent to the Copper Mountain Project <sup>(1)</sup>
- Numerous leads and prospects mapped with multiple targets potential for 100+ locations

### Devonian Lingle Fm.

- Large, 550 sq. mile accumulation mapped within Vail and Copper Mountain project areas
- Low geologic risk with over 100 well penetrations with evidence of hydrocarbons
- Similar to Bakken Elm Coulee Field, Montana
- Potential for over 170 drilling locations at 320 ac spacing

#### **Devonian Grand Tower**

- Proven oil in recently tested production well within the Copper Mountain Project acreage
- Potential for 80+ drilling locations



7

<sup>(1)</sup> ISGS accessed 2/20/14 <u>www.isgs.Illinois.edu</u>, information obtained from the ISGS 2009 Illinois Field Statistics Report Scope of work subject to actual conditions encountered



## **Acquisition Highlights**

- Strata-X now has 100% of 72,000 acres in the Illinois Basin which is reasonably contiguous
- A production well that demonstrates significant light oil potential in a new unconventional play
- Directly offsets the Johnsonville Oil field with 61 million barrels of production to date <sup>(1)</sup>
- Numerous leads and prospects in multiple target zones











## **Illinois Basin near terms Activity Plan**

#### Return well to producing status

• Plan to be producing within 30 days

#### Acquire 2-D Seismic data

- Acquire ~100 line miles of existing seismic data
- Reprocess data to modern standards

#### Increased technical team

- Retained two additional consulting geologists to carry out complete data integration and high grade new drilling prospects
- Commissioning Independent expert review of reserves and resource potential

#### **Drill Second Vail well**

• Early May

#### **Stimulate Burkett Well**

• Mid to late May

#### Drill at least one shallow Mississippian Target

• June/July



## **Expanded Illinois Game Plan Moving Forward- Rationale**

#### Acquire Production and Lease positions backed by stable Proved-Developed Production

- Production purchase based on long standing stable production profiles
- The upside in the development and exploration opportunities in both conventional and unconventional as the real prize

# Most historical production has not had a recent integrated data approach or application of modern techniques and stimulations

- Few horizontal wells have been drilled in the state
- Modern stimulation expands the resource potential by unlocking oil trapped in tighter rocks

Most historical production is from conventional structural targets – Strata-X sees substantial opportunities for significant light oil accumulations in subtler stratigraphic traps and unconventional targets





Reserve information included in this presentation for the Blessing #1 well (referenced on Slide 6) are Petroleum 1P Reserves, per an independent reserve report dated 21 March 2014 from Chapman Petroleum Engineers Ltd. who's author, Charles Moore, member Society of Petroleum Engineers, consents to the inclusion of this reserve information in this Presentation as it appears. Figures shown reflect Strata-X's economic interest in the property using a deterministic estimation method. Strata-X is the operator of the well and holds a 100% working interest in the Blessing #1, 160 acre unit comprised of approximately 80 individual leases/tenements, which is operated via the Company's operating license's in the State, a well permit and a tank battery permit held or in the process of being transferred to the Company from the Illinois Department of Natural Resources. Estimates of future production are based on historical production testing of the well. The reference point for reserves is the associated tank batteries for the well. The economic assumptions used to generate reserve information on the Blessing #1 well are as follows: \$90 oil net at reference point, USD\$1,500 monthly operating costs, USD\$0.50 per water barrel for disposal, USD\$30,000 immediate facilities investment, 84.76% Net Revenue Interest, 24 August 2029 abandonment date, forecasted future production, USD \$25,000 plugging costs and USD\$80,000 equipment salvage value. The Blessing #1 well was given commercial producibility status by the Company following it and Charles Moore's review of its historical production. Reserves estimates were generated following a review of the producing reservoir, historical production rates and the planned production method of the well (artificial pump lift). Production quantities over the projected economic lifespan on the Blessing #1 well without significant further investment, are expected to be 37,440 gross and 31,730 net barrels of oil.

DEFINITION	IS:
In this docun	nent, the abbreviations set forth below have the following meanings:
Oil and Natu	ural Gas
Bbl	barrel
Bbls	barrels
Mbbls	thousand barrels
MMbbls	million barrels
Mcf	thousand standard cubic feet
MMcf	million standard cubic feet
Bcf	billion cubic feet
TCF	trillion cubic feet
Other	
Permeability	<ul> <li>the ability or measurement of a rock's ability to transmit fluids.</li> </ul>
Porosity – pe	ercentage of pore volume or void space or that volume within rock that can cont
fluids.	
Reservoir Ro	ock – refers to a subsurface pool of hydrocarbons contained in porous or fractur
rock formatio	ons.
Rock Eval –	is used to identify the type and maturity of organic matter and to detect petroleu
potential in s	ediments.

are capable of being generated. Tmax -highest temperature incurred by a Source Rock, generally higher temperatures equates to larger hydrocarbon generation.

Total Organic Carbon (TOC) – amount of carbon in a geological formation, mainly Source Rocks.



