#### FORM 51-102F3

#### MATERIAL CHANGE REPORT

# Item 1. Name and Address of Company

SUPER NOVA MINERALS CORP.

900-525 Seymour Street Vancouver, BC V6E 3H7 Telephone: (604) 221-8936

# Item 2. Date of Material Change

February 18, 2014

# Item 3. News Release

The News Release was issued on February 18, 2014 and disseminated through the facilities of Marketwired and filed on SEDAR.

# Item 4. <u>Summary of Material Change</u>

The Company announced that the Company has entered into an option agreement with Benelex LLC, a privately owned company, to earn a 90% working interest until payout reverting to 50% working interest after payout of \$650,000 being funded by the Company to re-enter the McAfee well located in Pearsall Field Frio County, Texas, to drill a horizontal well.

# Item 5. Full Description of Material Change

See news release, a copy of which is attached hereto, as Schedule "A".

# Item 6. Reliance on subsection 7.1(2) or (3) of National Instrument 51-102

Not applicable.

# Item 7. Omitted Information

Not applicable.

# Item 8. Executive Officer

Wolf Wiese/President (604) 221-8936

# Item 9. Date of Report

Dated at Vancouver, BC, this 19th day of February, 2014

Super Nova Minerals Corp.

Per: "Wolf Wiese"

President



# SUPER NOVA MINERALS CORP.

CSE (CNSX): SNP OTC: SNOVF

# **NEWS RELEASE**

# Super Nova Enters Into Option Agreement to Earn 90% Working Interest in McAfee Well Located in Pearsall Field Frio County, Texas

Vancouver, February 18<sup>th</sup>, 2014 – Super Nova Minerals Corp. (CSE/CNSX: SNP; OTC: SNOVF) (the "Company" or "Super Nova") announces that the Company has entered into an option agreement with Benelex LLC, a privately owned company, to earn a 90% working interest until payout reverting to 50% working interest after payout of \$650,000 being funded by the Company to re-enter the McAfee well located in Pearsall Field Frio County, Texas, to drill a horizontal well.

The McAfee Project is a <u>multi-lateral horizontal re-entry oil drilling project</u>, with a potential tremendous economic upside.

The <u>Regional Structure Map</u> identifies the location of the **McAfee Project** situated in southern Frio County, Texas, approximately 100 miles southwest of San Antonio, Texas.

The McAfee Project is part of the major producing Austin Chalk Oil/Gas Trend. The Austin Chalk Trend has produced in excess of 200 million bo and 100 bcfg.

The McAfee Project is located in the Pearsall Field – the Pearsall Field was discovered in 1934 and oil production is approaching 75 million barrels.

The Pearsall Field was originally drilled with vertical wells until the mid to late 1980's.

The Austin Chalk reservoir is considered a "fractured" reservoir, and oil production is dependent upon the amount of fracturing encountered. **Note:** after gathering data from numerous wells in the field, it was discovered that the fractures were near "vertical"

- therefore, drilling a "horizontal" well would encounter more "fractures" and hence, a better productive well.

Recently, operators have been re-entering horizontal wells and drilling Austin Chalk reservoirs left behind from previous companies. The Pearsall Austin Chalk has four (4) major productive zones (see "<u>Austin Chalk Type Log"</u>) – a majority of operators only drilled horizontal in one (1) zone, prior to selling or abandoning the well. Analysis of numerous wells indicate most horizontal wells were drilled in the upper zones of the Austin Chalk – Upper Austin Chalk, Austin Chalk B1, and Austin Chalk B2.

(image: <a href="http://media3.marketwire.com/docs/SNPimage1.pdf">http://media3.marketwire.com/docs/SNPimage1.pdf</a>)

The majority of the wells in the vicinity of the McAfee Project were drilled in the Austin Chalk B2 Zone (see "<u>Production Map</u>" and "<u>HZ Well Schematics</u>"). The Austin Chalk B2 Zone

has been a prolific oil producer - production statistics from the numerous offset wells to the McAfee #1 well, indicate cumulative production of 56,000 - 245,000+ bo per well - and an average daily production rate of up to 150+ bo for the first three (3) years. (image: <a href="http://media3.marketwire.com/docs/SNPimage2.pdf">http://media3.marketwire.com/docs/SNPimage2.pdf</a>)

The following are production statistics of three (3) direct offset wells to the McAfee Project:

Basin 32648 Well IP = 962 bopd Produced 152,000+bo

(image: http://media3.marketwire.com/docs/SNPimage5.pdf)

Fenn 31967 Well IP = 1071 bopd Produced 245,000+ bo

(image: <a href="http://media3.marketwire.com/docs/SNPimage3.pdf">http://media3.marketwire.com/docs/SNPimage3.pdf</a>)

Dale 32739 Well IP = 752 bopd Produced 123,000+ bo

(image: http://media3.marketwire.com/docs/SNPimage4.pdf)

The McAfee #1 well was only completed in the Austin Chalk B1 Zone and produced 24,000+ bo. Therefore, based on the production results of the surrounding Austin Chalk B2 Zone wells – the McAfee #1 well is a perfect opportunity to re-enter and horizontally drill the Austin Chalk B2 Zone.

Based on the above production statistics – it would not be unreasonable to expect similar results for the McAfee #1 well.

The McAfee #1 well, also has the potential to drill another horizontal lateral, in the "lower Austin Chalk Zone, at later date, upon depletion of the Austin Chalk B2 Zone.

All information regarding historic production of the Pearsall Field in Frio County, Texas, were provided by the Texas Rail Road Commission (Regulators in Texas for all matters related to hydrocarbons.)

There is no certainty that any portion of the resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of the resources.

This news release was reviewed by Charles Chapman, P. Eng., of Chapman Petroleum Engineering Ltd.

On behalf of the Board of Directors: **SUPER NOVA MINERALS CORP.** 

"Wolf Wiese"
Wolf Wiese
President

For further information, please contact: Investor Relations 604-221-8936 allinfo@supernovaminerals.com

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