

NEWSLETTER

Serving the Petroleum and Geothermal Communities

Nevada Petroleum and Geothermal Society; P. O. Box 11526; Reno, NV 89510

Visit our NPS Homepage: <http://www.nbmng.unr.edu/nps/>

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Dinner Meeting: Thursday, May 5, 2016

SPEAKER: Dr. Catherine Hickson
Research Scientist (volcanology)
President at Tuya Terra Geo Corp., Burnaby, BC

TOPIC: Mount St. Helens' Eruption
From an Extremely Close Point of VIEW

Author, Surviving The Stone Wind, 2005, Tricouni Press, Ltd., Vancouver, BC, 96 pages, paperback.

Catherine will bring some autographed copies of her book, which will be available on a first come basis for purchase.

Place: Ramada Reno Hotel
1000 East 6th Street, Reno, Nevada

NPGS Hosted Cocktail Reception 6:30, Skyline Bar, 14th Floor

Dinner Served at 7:00 PM

NPGS Members \$20; Non-Members \$23; Students \$10

PLEASE RSVP WITH THE FOLLOWING LINK:

https://docs.google.com/forms/d/1dZwpq2P5ELdkfVqeRqEghiLQWUCWIHFIRrQCo3jFeaQ/viewform?c=0&w=1&usp=mail_form_link

If you must cancel, please notify NPGS as soon as you are able as NPGS will be charged for all no-shows. Thank you for your consideration.

SEE CALENDAR Page 13 for upcoming meetings

► **NPGS Monthly Dinner Meeting – May 05, 2016**

Mount St. Helens Eruption From an Extremely Close Point of VIEW

Dr. Catherine Hickson

Abstract

Mount St. Helens – Thirty six years and counting

Where were you 36 years ago? Most people living in the North Western United states can remember the impact of the eruption – it spread a wide blanket of ash over much of Washington State and beyond. The sound was heard over a 1000 miles away. Cathie was there with a front row seat and a set of photographs to prove it! At the time she was a 3rd year geology student at the University of British Columbia, planning to complete her studies focusing on sedimentology and stratigraphy. In the back of her mind was a plan to return to the oil fields of her native Alberta, Canada. Instead, a desire to “see what was going on” first hand brought her to MSH that Sunday morning, 36 years ago.

The witnessing of this catastrophic eruption focused the rest of her studies. She used her sedimentological background to study the “Directed Blast” (pyroclastic surge) that caused most of the widespread devastation resulting from the eruption. Cathie was amongst the first to prove turbulent flow in these catastrophic events, previously thought to move under laminar flow. As a student she also started studying geothermal energy. Cathie was doing temperature surveys as well as being involved in the drilling at Mount Meager during the early 1980’s. She then went on to study subglacial volcanoes for her PhD.

Since then her career has never wandered far from the volcanic theme. Volcanoes have taken her from Iceland to Italy to Indonesia and many countries in-between. She has spent time as a geothermal geologist and knows Nevada and its geothermal resources well. She is now returning to carry out exploration for Lithium brines in western Nevada. What’s the link between Lithium and geothermal? Well volcanoes of course!

Cathie

► **About the Speaker:**

Dr. Catherine Hickson, P. Geo, FGAC, FSEG, FRGS, FGC is a Director of **Dajin Resources Corp and leads their exploration efforts in Nevada and Argentina.** She is an exploration geologist / science manager with extensive global experience. A volcanologist, regional mapper, geothermal geologist & community communication specialist, she served as a research scientist and senior manager with the Geological Survey of Canada. During her distinguished 25 year career, she managed large multidisciplinary global teams doing regional mapping, geophysical & geochemical surveys as well as hazard and risk assessments in South America. Since 2008, she has been working in the field of geothermal resources and more recently, lithium brine exploration. She is a registered Professional Geoscientist, British Columbia Association of Professional Engineers and Geoscientists.

► ***NPGS Carson Sink Geothermal Field Trip, Saturday April 9, 2016:***

Thanks to John Snow for organizing a great field trip this year. Thirty five people were able to visit the Patua Power Plant, Grimes Point & Hidden Cave, and the Stillwater Power Plant. Thanks also to Gradient Resources and Enel Green Power NA for providing discussion and tours of their plants, and to Paul Graham Drilling, Resource Cementing and Geo Drilling Fluids for sponsoring the lunches for attendees. Charlotte wins this year for Best Hat of the Trip!



Gradient Resources' Patua Power Plant



Jim Faulds talks at Patua



Patua Power Plant



Charlotte is surprised to win "Best Hat" of the trip!



Grimes Point & Hidden Cave



Hidden Cave



Hidden Cave



Enel's Stillwater Power Plant



Concentrating Solar Assist for Geothermal Plant



Dick Benoit talks at Patua



Patua Power Plant



Stillwater Power Plant

► **NPGS Officer Elections:**

**NPGS Officer Election Results
for the Year 2016-2017 (Jun 1-May 31)
NEVADA PETROLEUM and GEOTHERMAL SOCIETY, INC.
Dinner Meeting April 7, 2016**

The following slate of officers were elected by a majority vote for each candidate by the more than 35 NPGS members present at the dinner meeting:

According to the NPGS Bylaws (ARTICLE II - Officers, SECTION 6. Election of Officers), "... in the event that only one candidate for Vice President/President-Elect, one candidate for Secretary, and one candidate for Treasurer are present on the ballot, then these candidates can be elected by a majority vote of the members eligible to vote at the regularly scheduled meeting ..."

As there was only one candidate for each of these three offices for the 2016-2017 term, a vote was held at the regularly scheduled April dinner meeting for the election of these officers.

The candidates are:

Vice President/President-Elect Jake Zachery, PE, Sr Project Engineer, Krummrich Eng. Corp., Reno, NV-- *Majority Vote For*

Secretary Travis Godon, Co-Owner Gracian N. Ulvalde, LLC, Ely, NV and Student, UNR, Reno, NV - *Majority Vote For*

Treasurer Thomas Gallagher, Hydrologic Engineer, NV Water Solutions, LLC - *Majority Vote For*

John Menghini will automatically succeed to the office of President following his election as Vice President/President-Elect in 2015. **John Snow**, as immediate Past President, will join the officers on the 2016-2017 Board of Directors.

A TRUE RECORD:



David C. Fitch, Secretary

► **Welcome New NPGS Member:**

Visher, Mike

Geologist, NV Division of Minerals

Carson City, NV

► **2016 NPGS Graduate Student Research Award:**

The NPGS received only one proposal for its Graduate Student Research Awards in Geosciences in 2016. This is a decrease of three proposals from last year's four. One thousand five hundred fifty dollars, a decrease of \$2,550 from 2015, was made to the single applicant.

- 1) **Dan Munger** (M.S. candidate at the University of Nevada, Reno), **\$1,550** – *Constraint of depth of the Reno Basin to crystalline basement rock using Refractive Microtremor data*

Congratulations to Dan Munger. Thanks to Jim Trexler, Chair of the Scholarship Committee this year, for organizing this important annual event. Thanks also to Jim Faulds, John Snow, Bill Ehni, and Jerry Walker for their work on the Committee. Special recognition is in order for the members who contribute to the NPGS Scholarship program during the membership renewal.

► **Scheduled Nevada BLM Lease Sales:**

***Nevada Geothermal Upcoming Lease Sale
(Tentative)***

Sale Date	Nominations Due	Sale Posting Date	Protest Deadline
October 25, 2016	January 29, 2016	July 27, 2016	August 26, 2016

***Nevada's Competitive Oil & Gas Lease Sale Schedule
(Tentative)***

Sale Date	Parcels Offered for District Office at Sale	*EOIs Due	Sale Posting Date	Protest Deadline
June 14, 2016	Battle Mountain	September 18, 2015	March 16, 2016	April 15, 2016
September 13, 2016	Winnemucca/Carson City	December 18, 2015	June 15, 2016	July 15, 2016
December 13, 2016	Ely	March 18, 2016	September 14, 2016	October 14, 2016
March 14, 2017	Elko/Southern Nevada	June 17, 2016	December 14, 2016	January 13, 2017
June 13, 2017	Battle Mountain	September 16, 2016	March 15, 2017	April 14, 2017
September 12, 2017	Winnemucca/Carson City	December 16, 2016	June 14, 2017	July 14, 2017
December 12, 2017	Ely	March 17, 2017	September 13, 2017	October 13, 2017

*EOI = Expression of Interest

June 14, 2016 Oil & Gas Lease Sale; Battle Mountain District, 42 parcels offered.

http://www.blm.gov/style/medialib/blm/nv/minerals/oil_gas/2016_lease_sales.Par.3721.File.dat/20160614_Parcels_List.pdf

► **PRESS RELEASE; OFFICE OF THE NEVADA ATTORNEY GENERAL**

ATTORNEY GENERAL LAXALT AND NINE NEVADA COUNTIES FILE FOR SUMMARY JUDGMENT TO PROTECT NEVADANS' RIGHTS IN SAGE GROUSE CASE

April 5, 2016

Carson City, NV – Nevada Attorney General Adam Paul Laxalt announced that the state of Nevada, together with nine northern Nevada counties and other plaintiffs, have asked a federal court to grant summary judgment in the state's favor in the challenge to the federal government's greater sage-grouse land-use plan and to enjoin the withdrawal of nearly 3 million acres of land in Nevada. The state's motion explains how the federal government has disregarded public involvement and other requirements in violation of federal law.

For example, internal documents released by the federal agencies as part of the administrative record in the case have revealed that three U.S. Department of the Interior officials—who dubbed themselves the “Grouseketeers” in internal correspondence—met with environmental groups after the public comment period had ended to gauge how those groups would agree to amendments created under the land-use plan. The so-called “Grouseketeers” ignored the concerns of their staff who had raised the need for a supplemental environmental impact statement, socioeconomic impact analysis and further scientific data to support the proposed land-use restrictions—all in violation of federal law.

“The federal government's plan withdraws almost 3 million acres that Nevadans depend on for their economic livelihood,” said Laxalt. “Before such a momentous decision is made, federal law clearly requires that the agencies carefully consider the concerns raised by the state and by the citizens of Nevada—not just special interest environmental groups. As we have shown in our briefing, the record demonstrates this was not done. The self-appointed federal “Grouseketeers” mock all Nevadans and show their true agenda.”

In October 2015, AG Laxalt joined a suit on behalf of the state of Nevada challenging the federal government's land-use plan. In 10 western states including Nevada, the federal plan withdraws more than 10 million acres of federal land from public use. In Nevada alone, mineral exploration and development is barred on nearly three million acres. Additionally, the plan may result in significant restrictions on livestock grazing, resource development, solar and wind energy, and public access on over sixteen million acres of public land in Nevada.

► **Baseload Renewable Energy Summit, Geothermal-Hydropower-Biomass:**

June 7-8, 2016

Grand Sierra Resort, Reno, NV

Register: www.geo-energy.org

Questions: 202-454-5261

The Geothermal Energy Association (GEA), the National Hydropower Association (NHA), and the Biomass Power Association (BPA) are joining forces for this year's Summit to focus on voicing key issues faced by all three industries to state and federal policy makers.

► **NPGS Meeting Schedule:**

The May 5 meeting will be the last dinner meeting for NPGS until September. Check the Calendar on the last page of this newsletter for other meetings of interest, and please return Thursday, September 1, 2016 for our next scheduled dinner meeting. We already have a sponsor for the bar, thank you John Tuttle, Sinclair Well Products; we'll see you in September (that's a song!).

NPGS Monthly Dinner Meeting – Thursday Sep 1, 6:30 PM
 SPEAKER: Rod Prosceno, Grant Canyon Oil & Gas, LLC
 TOPIC: Nevada – EOR projects – Grant Canyon and Blackburn Fields

► **Summary of 2015 Nevada Oil Production and Drilling Activity:**

*Data from Nevada Division of Minerals "Nevada Oil Patch" and "Oil and Gas Permits"
 – Compiled by Jerry Walker, 22-March-2016*

2015 Bimonthly Period	Statewide Oil Production barrels	Average Statewide Daily Oil Production barrels per day	Nevada Division of Minerals Issued Drilling Permits	Wells Drilled or Drilling	
Jan/Feb	47,218	800	#966: Petro-Hunt 1 Jake's Valley, 6-T16N-R60E, White Pine Co, prop TD 11,020' #967: Tetuan 12-29 Mariagness, 29-T15N-R57E, White Pine Co, prop TD 2,500'	0	---
Mar/Apr	48,906	802	---	0	---
May/Jun	47,655	781	#968: Makoil 12-23X Munson Ranch, 12-T9N-R56E, Nye Co, prop TD 5,000' #969: Makoil 13-34 Munson Ranch, 13-T9N-R56E, Nye Co, prop TD 5,200'	1	Tetuan 12-29 Mariagness (Completed as D&A in 2015)
July/Aug	48,323	779	---	1	Bright Sky 1-35 White River Valley
Sep/Oct	44,168	724	---	0	---
Nov/Dec	45,112	740	---	0	---

2015 Statewide Oil Production: 281,382 barrels oil
 2015 Average Statewide Daily Oil Production: 771 barrels oil per day
 Cumulative Nevada Oil Production (1954-2015): 53,063,364 barrels oil
 Number of drilling permits issued in 2015: 4
 Number of wells drilled or drilling in 2015: 2

Noble Energy's Nevada Production Data (from Nevada Oil Patch)

Year	Field	Well	Cum BO	Cum BW	Total Days	Avg BOPD	Avg BWPD
2014	Humboldt	M2C-M2-21B Humboldt	2,782	0	145	19	0
	Huntington	K1L-1V Huntington	2,248	0	51	44	0
2015	Humboldt	M2C-M2-21B Humboldt	0	0	0	0	0
	Huntington	K1L-1V Huntington	1,585	4,589	68	23	67
TOTAL	Humboldt	M2C-M2-21B Humboldt	2,782	0	145	19	0
	Huntington	K1L-1V Huntington	3,833	4,589	119	32	39

AAPG Pacific + Rocky Mountain Joint Meeting

2-5 October 2016 | Paris Hotel | Las Vegas

CALL FOR PAPERS

- ✓ RMAG's *Hot Plays of the Rockies*
- ✓ New Insights in Pacific Exploration
- ✓ Frontier Exploration in the Rockies
- ✓ Redevelopment of Old Fields: Finding the Green in Brownfields
- ✓ Unconventionals: West of the Mississippi River
- ✓ Sedimentology and Stratigraphy: Lacustrine to Deep-Water Reservoirs
- ✓ Geophysics and Petrophysics: From Basins to Pores
- ✓ Structure and Tectonics: New Perspectives and Challenges
- ✓ Energy and the Environment: Regulations and Water Issues
- ✓ Geothermal, Hydrothermal and Uranium Resources

Submission Deadline 1 June 2016

Abstract Limit 250 words | Find more submission instructions at Section websites

For additional information contact:

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**NEW PLAYS,
NEW WAYS,
NEW DAYS**



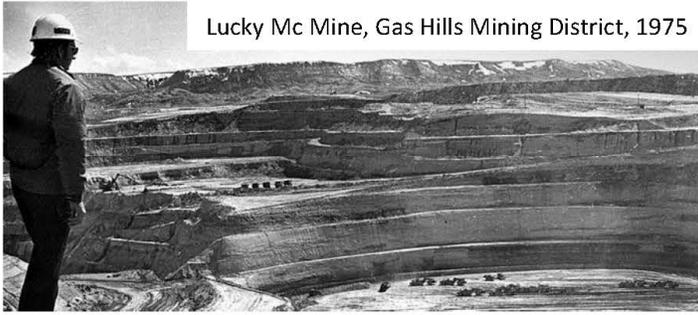


WYOMING GEOLOGICAL ASSOCIATION

PO Box 545, Casper, WY 82602 602 S David
www.wyogeo.org info@wyogeo.org 307-237-0027

2016 Field Conference: Archean-Tertiary Geology and Mineralization in Central Wyoming August 5-7

This year's WGA field conference will travel from Casper to Lander focusing on structural geology, sedimentation, and mineralization in the Granite Mountains and southeastern Wind River Mountains.



Lucky Mc Mine, Gas Hills Mining District, 1975

The Granite Mountains are unique among the ranges in Wyoming, because they have undergone significant Miocene-Recent extension and represent the heart of a down-dropped basement-cored uplift. Prior to extension in the Eocene, large river system with headwaters in

the Granite Mountains transported uranium to deposits in the surrounding basins. Also in the Eocene, alkaline magmatism intruded the northern margin of the Granite Mountains creating recently identified gold mineralization in the Rattlesnake Hills. The southeastern Wind River Mountains contain a deformed Archean greenstone belt which hosts a significant past-producing iron mine and the principal gold producing mining district in Wyoming.

The conference will begin with a Keynote address Friday evening in Casper. The two day fieldtrip will depart from Casper Saturday and overnight in Lander. Field stops during the conference will include an overview of gold mineralization at the Rattlesnake Hills, uranium



South Pass City, 1870

mineralization in the Gas Hills, uranium mineralization at Crooks gap, magmatism and mineralization in the South Pass-Atlantic City greenstone belt, the Atlantic City iron mine, the Carissa gold mine and mill. Time will also be spent learning about the history of South Pass City, which today is one of the best preserved mining towns in the west.

► **News from Nevada Bureau of Mines & Geology:**

From: Charlotte Stock

The following information is taken directly from emails provided by Charlotte Stock, Nevada Bureau of Mines & Geology

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>Nevada Geology Calendar 2017 Photo Contest—deadline May 31, 2016

WANTED: Photos for the 2017 calendar showing Nevada geology at its best!

Here are the details for the 2017 calendar contest:

http://www.nbgm.unr.edu/docs/2017_Calendar_photo_contest.pdf

- ☐ **Deadline for entries is May 31, 2016.**
- ☐ Photos need to be taken in Nevada. A location description and/or GPS coordinates should accompany submissions along with description.
- ☐ High-quality, high-resolution photo files of at least 300 dpi are required for quality printing.
- ☐ You may enter as many photos as you wish.
- ☐ Email submissions to Jack Hursh (jhursh@unr.edu).
- ☐ NBMG Cartographers will make the final decision on the winning photos.
- ☐ Prizes will be awarded for first-, second-, and third-place winners.

>Media Coverage of the Earthquake Forum

Earthquake report spurs retrofitting of old buildings in Nevada

Story from *Reno Gazette Journal*, April 25, 2016

By Scott Sonner, Associated Press

"A new report raising the likelihood of a destructive earthquake striking Salt Lake City in the next half-century has underscored the urgency to retrofit more than 30,000 older brick homes and other unreinforced buildings at high risk of collapsing.

It's also getting attention in neighboring Nevada, where a significant quake is overdue along the Sierra. Nevada officials are anxious to see if Utah succeeds in a first-in-the-nation attempt to secure federal disaster funds for private homeowners to aid in such efforts."...

"He [Craig dePolo] estimates there are 1,400 unreinforced buildings in Reno, Sparks and Carson City above a series of Sierra-front faults where earthquakes of 6.5 hit on average every 30 years but haven't struck in more than 60 years.

'Thirty to 40 percent of those will partially or totally collapse during strong shaking,' dePolo said."

You can read the entire article with quotes from Craig dePolo (Research Geologist at the Nevada Bureau of Mines and Geology) and Graham Kent (Director of the Nevada Seismology Laboratory):

<http://www.rgj.com/story/news/2016/04/24/earthquake-report-spurs-retrofitting-nevada/83469386/>

Related publication:

Preliminary assessment of potentially unreinforced masonry buildings in Nevada

<http://pubs.nbmgs.unr.edu/Unreinforced-masonry-buildings-p/r054.htm>

Sierra overdue for earthquake

Nevada Appeal, April 19, 2016

“The Sierra’s eastern front is long overdue for a large earthquake along the California-Nevada line, where a magnitude-7 event expected on average every 30 years hasn’t occurred in six decades, scientists said Tuesday.

Nevada Seismological Laboratory Director Graham Kent said the region’s earthquake “drought” is likely one of the reasons the public has a misconception there’s a low risk a serious quake will strike.”...

“Rich Koehler, an assistant professor of geology at Nevada Bureau of Mines and Geology, said a magnitude-7 earthquake could potentially hit anytime, anywhere along the California-Nevada border.”

You can read the story here:

<http://www.nevadaappeal.com/news/21660339-113/sierra-overdue-for-earthquake>

Global experts to inform region on economic recovery after devastating earthquakes: Earthquake Economic Resiliency Forum for public, economic leaders and disaster officials

Nevada Today, April 12, 2016, by Mike Wolterbeek

<http://www.unr.edu/nevada-today/news/2016/earthquake-economic-resiliency-forum>

>Nevada Seismological Lab—April Newsletter

A message from Dr. Annie Kell: Please read our "What's Shaking" April newsletter to find out about activity in the Nevada Seismological Laboratory.

<http://www.seismo.unr.edu/Announcements>

>Mackay Rockhounds Dead Day Mineral Sale—May 4

The UNR Mackay Rockhounds are sponsoring a “Dead Day Mineral Sale” on May 4.

Where: W.M. Keck Museum on the north end of the UNR Quad

When: **Wednesday May 4** (Preview 12:00–1:00, Sale 1:00–5:00)

Questions: Contact Mackayrockhounds@gmail.com

>Andrew Sadowski Thesis Defense—May 2

Structural Controls of Black Warrior Geothermal System

Washoe-Churchill Counties, Truckee Range, Northwestern Nevada, USA

Master’s Thesis Defense by Andrew J. Sadowski

Advisor: Jim Faulds, NBMG Director and State Geologist

Monday, May 2, 2016, 3:00 p.m., LME 417 at University of Nevada, Reno

The Black Warrior geothermal system lies 20 km east of the southern end of Pyramid Lake in the Truckee Range of northwestern Nevada on the Washoe-Churchill county line. It is an amagmatic blind geothermal system, as the region lacks recent (<5 Ma) volcanism and the system lacks hydrothermal surface manifestations (no fumaroles, hot springs, sinter deposits, or high temperature alteration). The system was discovered by shallow temperature gradient drilling (100-600 m, max temp: 128°C) by Phillips Petroleum Company in the 1980s and observed with a 2-m shallow temperature survey circa 2011.

The thermal anomaly resides in a structurally complex zone that has not been previously characterized. Detailed geologic mapping in the area has identified faults and stratigraphic relationships between successive and interfingering Tertiary volcanic sequences that nonconformably overlie Mesozoic igneous intrusive and metamorphic basement. The structural framework is characterized by north-northeast-striking, moderately to steeply west-dipping normal faults that terminate and step in the vicinity of the thermal anomaly. This suggests two possible favorable structural settings: (1) a fault termination of the southeastern range-front fault with accompanying horse-tail splaying producing an area with abundant closely spaced faults and high fracture permeability; and/or (2) a fault step-over in a broad left-step of the major normal faults, whereby many closely-spaced minor faults provide hard linkage and a zone of high fracture permeability. In either case, the study area lies in a favorable structural setting for geothermal activity and may host a robust geothermal system at depth.

>Job Announcements from BLM

Position Information:

Job Description: **Archaeologist;**

Announcement Number: NV Merit-2016-0296;

Location(s) of position: Carson City, NV, US;

Salary: \$63,525 - \$82,583;

Applications will be accepted until: **05/06/2016.**

For additional information on this job posting, please go to:

<https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&jnum=114913>

Position Information:

Job Description: **Soil Scientist;**

Announcement Number: OR-DEU-2016-0120;

Location(s) of position: Grants Pass, OR, US;

Salary: \$48,968 - \$77,019;

Applications will be accepted until: **05/06/2016.**

For additional information on this job posting, please go to:

<https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&jnum=114958>

Position Information:

Job Description: **Heavy Mobile Equipment Mechanic;**

Announcement Number: OR-DEU-2016-0123;

Location(s) of position: Lakeview, OR, US;

Salary: \$23.43 - \$27.34;

Applications will be accepted until: **05/05/2016.**

For additional information on this job posting, please go to:

<https://jobs.mgsapps.monster.com/blm/vacancy/viewVacancyDetail!execute.hms?orgId=3&jnum=114986>

For questions, or more information:

Charlotte Stock, Publication Sales
Nevada Bureau of Mines and Geology
Great Basin Science Sample and Records Library
2175 Raggio Parkway, Reno, NV 89512
phone (775) 682-8766, fax (775) 784-6690, www.nbmgs.unr.edu

Nevada Petroleum and Geothermal Society Calendar: Year 2015-2016	
May 5, 2016	NPGS Monthly Dinner Meeting – Thursday May 5, 6:30 PM SPEAKER: Dr. Catherine Hickson, Research Scientist (volcanology) President at Tuya Terra Geo Corp., Vancouver, Canada Author, <u>Surviving The Stone Wind</u> TOPIC: Mount St. Helens' Eruption From an Extremely Close Point of VIEW
Jun 7-8, 2016	GEA/NHA/BPA Baseload Renewable Energy Summit Grand Sierra Resort, Reno, NV www.geo-energy.org (202) 454-5261
Jun 14, 2016	Nevada BLM Oil & Gas Lease Sale, Reno NV, Jun 14, 2016 Battle Mtn NV District, posting date: March 6, 2016 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html
Jun 19-22, 2016	AAPG Annual Convention & Exhibition, 2016: Redefining Reservoir BMO Centre @ Stampede Park, Calgary AB http://ace.aapg.org/2016
Aug 5-7, 2016	Wyoming Geological Association 2016 Field Conference Archean-Tertiary Geology and Mineralization in Central Wyoming www.wyogeo.org ; 307.237.0027
Sep 1, 2016	NPGS Monthly Dinner Meeting – Thursday Sep 1, 6:30 PM SPEAKER: Rod Prosceno, Grant Canyon Oil & Gas, LLC TOPIC: Nevada – EOR projects – Grant Canyon and Blackburn Fields
Sep 13, 2016	Nevada BLM Oil & Gas Lease Sale, Reno NV, Sep 13, 2016 Winnemucca/Carson City District, posting date: June 16, 2016 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html
Sep 26-28, 2016	National Mining Association 2016 MINExpo International Las Vegas, Nevada www.minexpo.com
Oct 2-5, 2016	Rocky Mountain Section/Pacific Section Meeting – AAPG 2016 2016 joint RMS-AAPG/PS-AAPG annual meeting Paris Hotel, Las Vegas, Nevada. Host societies: Idaho Association of Professional Geologists and the Nevada Petroleum & Geothermal Society.
Oct 25, 2016	Nevada BLM Geothermal Lease Sale, Reno NV, Oct 25, 2016 Sale posting date: July 27, 2016
Dec 13, 2016	Nevada BLM Oil & Gas Lease Sale, Reno NV, Dec 13, 2016 Ely District, posting date: Sep 14, 2016 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html

The NPGS Newsletter is provided to members of the Nevada Petroleum and Geothermal Society. For information about membership and events, see the NPGS website at <http://www.nbmng.unr.edu/nps/>. To submit articles, corrections or suggestions for the newsletter; Contact Vicki Ehni 775-883-1107, cell 775-720-6387; email vehni@aol.com.