

NEWSLETTER

Serving the Petroleum and Geothermal Community

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, Nov 05, 2015

Speaker: **Chandler Smith**
West Coast Business Development Manager
Scientific Drilling International

Topic: Basic Directional Drilling Concepts and Magnetic Ranging Technologies including Steam Assisted Gravity Drainage, Synthetic Tool Face, Active and Passive Magnetic Techniques

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

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/1oGAJLY36OD5C_lp9hHZEaiWjDhTya9xWpm-XRLMo61k/viewform

If you have RSVP'd, and find that you cannot attend, 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 10 for upcoming meetings

► **NPGS Monthly Dinner Meeting – Nov 5, 2015**

Basic Directional Drilling Concepts and Magnetic Ranging Technologies including Steam Assisted Gravity Drainage, Synthetic Tool Face, Active and Passive Magnetic Techniques.

Speaker: Chandler Smith

► **About the Speaker:**

Chandler Smith is currently Scientific Drilling's West Coast Business Development Manager. He has held that position for the past seven years, specializing in geothermal directional drilling and complex directional projects, frac recovery, wellbore replacement, and complex abandonment work with ranging. Chandler has 31 years of experience in the oil industry, including work in Alaska, North Dakota, New Mexico, Louisiana, Texas and the West Coast and outside of the US in Guatemala, Honduras, Nicaragua, Columbia, England, Scotland, and Norway. He was recently a guest lecturer at the University of California. His prior work included in house alliance coordinator of assignments, directional drilling coordinator duties, directional driller responsibilities, Gyro surveying, and MWD Operations.

Contact Information:

Chandler Smith

West Coast Business Development Manager

Scientific Drilling International

31101 Coberly Rd.

Shafter, CA 93263

Main: 661.831.0636

Mobile: 661.201.3340

www.scientificdrilling.com

► **Welcome New Members:**

Godon, Travis

Student/Co-Owner

UNR/Gracian N. Ulvalde LLC

Ely, NV

Rohret, Matt

Drilling Consultant

Krummrich Eng Corp

Denver, CO

► **Commemorative Medallion Celebrating 30 Years of Geothermal Production in Nevada:**

The NPGS has had bronze ingots (medallions) minted to commemorate the 30th year of geothermal production in Nevada. The medallions were designed and illustrated by David Evans, 509 Creative, and minted at the Marshall Mint in Virginia City. The medallions are available for sale at the monthly dinner meetings and online on the NBMG website.

Price and distribution for the "Celebrating 30 Years of Geothermal Production" ingots

The Board of Directors unanimously voted to charge the following prices for sale of ingots:

For NPGS Members: A one-time opportunity to buy from **one to five ingots** at a price of \$10 each at each monthly Dinner Meeting for the period of time ending at the March Dinner Meeting. Thereafter the price to Members will be \$15 per ingot.

For non-members the price will be \$20 per ingot, to be sold at the Monthly Dinner Meetings, or online with additional charges of shipping and handling, if applicable.

It was voted to present one ingot to each speaker(s) following their presentation at each monthly Dinner Meeting of the NPGS.

It was voted to raffle one ingot at no cost to Dinner Guests at each Monthly Dinner Meeting. The method of raffle and presentation of winning ingot will be decided by an Officer of the NPGS.

The medallion is now on the NBMG shopping cart:

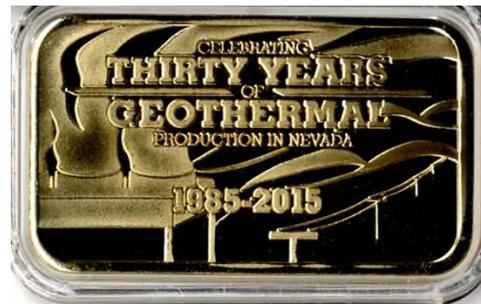
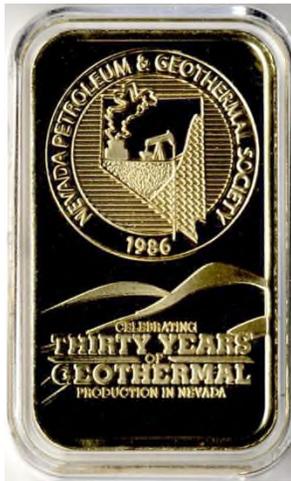
Thank you Charlotte!!

<http://pubs.nbmj.unr.edu/product-p/nps25.htm>

Celebrating thirty years of geothermal production in Nevada: 1885-2015

The Nevada Petroleum and Geothermal Society is pleased to offer this beautiful medallion commemorating the thirtieth year of geothermal production in Nevada. The medallion was designed and illustrated by David Evans at [509 Creative](#), and is made of golden bronze. Only 500 medallions were struck at the [Marshall Mint](#) in Virginia City, so be sure to order yours now. The dimensions are 1.25 x 2 inches.

NPGS member discount: To get the NPGS member discounted price of \$15, please type this message in "Order Comments" box: "I am an NPGS member" and we will deduct \$5 per medallion from your total. The deduction will not appear on your shopping cart checkout page, but we will deduct the amount before submitting your charge to Authorize.net at the end of the day. The reduced amount will appear on your cash register receipt which will be mailed with your order.



► **Governor Sandoval Recognizes 30 Years of Geothermal Production in Nevada:**

ONE HUNDRED ONE NORTH CARSON STREET
CARSON CITY, NEVADA 89701
OFFICE: (775) 684-5670
FAX No.: (775) 684-5683



555 EAST WASHINGTON AVENUE, SUITE 5100
LAS VEGAS, NEVADA 89101
OFFICE: (702) 486-2500
FAX No.: (702) 486-2505

Office of the Governor

GREETINGS FROM THE GOVERNOR

September 20 - 23, 2015

As Governor of the State of Nevada, it is my distinct pleasure to welcome you to the 39th Annual Geothermal Resources Council Meeting and Geothermal Energy Association Energy Expo in Reno, Nevada. I commend all who have worked diligently to organize this event.

Today, I am proud to say that Nevada is the epicenter of the geothermal industry, not just in the United States, but in the world. It is amazing how far we've come and I offer my congratulations to all who have contributed to our success.

The first geothermal power project was the Wabuska power plant in Lyon County, a 5.6 megawatt nameplate capacity facility that was commissioned in 1985. Currently, there are 25 facilities operating in Nevada. Some are located near Nevada urban centers, like the Steamboat geothermal complex in south Reno and the Stillwater hybrid plant outside Fallon. Others are located in our beautiful rural areas, including Soda Lake, Dixie Valley, and McGinness Hills.

The importance of geothermal power production in the State of Nevada is well known. The Silver State recently exceeded 30 years of geothermal power generation with 2014 production of 2.742 million net megawatt hours. This is enough to power 247,000 Nevada households.

Production from these fields contributes to the renewable portfolio standard, making Nevada a leader in renewable energy innovation, production, and transmission. The construction and maintenance of these fields employs Nevada workers and attracts leading geothermal experts to the Silver State.

The companies that operate these facilities are well known in the geothermal world, and I offer my thanks to Brady Power Partners, Cyrg Energy, Enel Green Power, Gradient Resources, Homestretch Energy, NGP Blue Mountain, Ormat, Terra Gen Power, and U.S. Geothermal Inc. for tapping into Nevada's geothermal resources.

Congratulations to all for achieving this important and impressive milestone. I hope this event is educational and I wish you all the best in your future endeavors.

Sincere regards,

A handwritten signature in blue ink that reads "Sandoval".

BRIAN SANDOVAL
Governor

State of Nevada
Office of Governor Brian Sandoval

CERTIFICATE OF RECOGNITION

Presented to

Geothermal Resources Council

In recognition of 30 years of geothermal power production in Nevada.
As Governor of the State of Nevada, I congratulate the geothermal industry on this historic milestone
and I commend you on your commitment to providing renewable power to our residents.

Given under my hand and by the Seal of the Great State of Nevada
this 10th day of August, 2015.



Brian Sandoval

Brian Sandoval
Governor of the State of Nevada

State of Nevada
Office of Governor Brian Sandoval

CERTIFICATE OF RECOGNITION

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Geothermal Energy Association

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and I commend you on your commitment to providing renewable power to our residents.

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this 10th day of August, 2015.



Brian Sandoval

Brian Sandoval
Governor of the State of Nevada

► **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
December 8, 2015	Ely	March 13, 2015	September 9, 2015	October 9, 2015
March 8, 2016	Elko	June 12, 2015	December 9, 2015	January 8, 2016
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

*EOI = Expression of Interest

http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing/upcoming_sales.html

► **Nevada Mineral Exploration Coalition Annual Meeting, Friday, Nov 6, 2015:**

Friday, November 6, 2015
8:00 AM – 6:00 PM (registration opens at 7:00 AM)
Silver Legacy Resort, Reno, NV

Keynote speaker TBA, business meeting, hosted luncheon, panel discussions, hosted reception

Register and pay online www.nvmec.org or download form & send to P. O. Box 1734, Elko, NV 89801.

► **American Exploration & Mining Association's 121st Annual Meeting:**

Nov 30 – Dec 4, 2015
Spokane Convention Center, Spokane, WA
miningamerica.org

► **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

Stay Informed about NBMG

Subscribe to our email list by sending an email to webmaster@nbgm.unr.edu with "subscribe to Publications mailing list" in the subject line

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"Like" our Facebook page <https://www.facebook.com/pages/Nevada-Bureau-of-Mines-and-Geology/106397989390636>

Nevada Petroleum and Geothermal Society; Nov 2015

You can place an order for other publications or check for shipping charges through our shopping cart at <http://pubs.nbmj.unr.edu>

COS Discover Science Lecture Series

College of Science's Discover Science Lecture Series

Karl Karlstrom, expert on the Grand Canyon, Nov. 19

David Quammen, science author, Feb. 4

Paul Alan Cox, ethnomedicine expert, March 10

Bob Williams, Hubble Space Telescope project leader, April 21

The lectures will be held at 7 p.m. in the Redfield Auditorium in the Davidson Mathematics and Science Center on the University campus.

<http://www.unr.edu/around-campus/facilities/davidson>

Parking is reserved for the event on the top level of the Brian J. Whalen Parking Complex on North Virginia Street.

Admission is free. For more information, call 775-784-4591 or visit the College of Science website at

<http://www.unr.edu/science>.”

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.nbmj.unr.edu

The Department of Geological Sciences and Engineering presents:

Fall 2015 Geology Seminar Series

Monday September 14, 2015

Dr. Wendy Calvin, Department of Geological Sciences and Engineering
Roving Mars: From Sojourner to Curiosity
4-5 pm in DMS 102

Monday September 28, 2015

Dr. John Louie, Nevada Seismological Laboratory
Advanced Seismic Imaging for Geothermal Development
4-5 pm in DMS 102

Monday October 12, 2015

Dr. Ron Breitmeyer, Department of Geological Sciences and Engineering
Abandoned Mine Land Reclamation

Monday October 19, 2015

Dr. Thomas Anderson, University of Pittsburgh
Structural Geology of Yucca Mountain, Nevada
4-5 pm in DMS 102

Monday November 2, 2015

Dr. Debra Higley, U.S. Geological Survey
Use of 4D petroleum systems in oil and gas, climate, and hydrologic research
4-5 pm in DMS 102

Monday November 9, 2015

Dr. Matthew Rioux, UC Santa Barbara
DGSE Igneous Petrology Position Seminar
4-5 pm in DMS 102

Monday November 16, 2015

Dr. Philipp Ruprecht, Lamont-Doherty
Candidate for DGSE Igneous Petrology Position
4-5 pm in DMS 102

Monday November 23, 2015

Dr. Greg Pohl, Desert Research Institute
Unconventional Oil in Nevada: Occurrence and Issues
4-5 pm in DMS 102

Monday December 7, 2015

Ian Pierce and Stephen Angster
First Hand Experiences from the 2015 Nepal Earthquakes
4-5 pm in DMS 102

AAPG PACIFIC + ROCKY MOUNTAIN SECTIONS JOINT MEETING

NEW ROCKS, NEW PLAYS, NEW DAYS



> SAVE THE DATE !

for the first ever joint meeting of AAPG's Pacific + Rocky Mountain Sections & take advantage of many technical & social opportunities in America's favorite convention city.

2-5 OCTOBER 2016
PARIS LAS VEGAS HOTEL

**For more
information
contact:**

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www.aapgrms.org

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Nevada Petroleum and Geothermal Society Calendar: Year 2015-2016	
Nov 5, 2015	NPGS Monthly Dinner Meeting – Thursday Nov 5, 6:30 PM Speaker: Chandler Smith, Scientific Drilling Topic: Basic Directional Drilling Concepts and Magnetic Ranging Technologies including Steam Assisted Gravity Drainage, Synthetic Tool Face, Active and Passive Magnetic Techniques.
Nov 6, 2015	The Nevada Mineral Exploration Coalition Annual meeting, Silver Legacy Resort, Reno, NV www.nvmec.org
Nov 30-Dec 4	American Exploration & Mining Meeting & Expo, Spokane WA mheywood@miningamerica.org
Dec 4, 2015 Friday	NPGS ANNUAL CHRISTMAS PARTY – Friday Dec 4, 6:30 PM <i>Details TBA</i>
Dec 8, 2015	Nevada BLM Oil & Gas Lease Sale, Reno NV Ely NV District, posting date: Sep 09, 2015 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html
Jan 7, 2016	NPGS Monthly Dinner Meeting – Thursday Jan 7, 6:30 PM <i>Details TBA</i>
Feb 4, 2016	NPGS Monthly Dinner Meeting – Thursday Feb 4, 6:30 PM <i>Details TBA</i>
Mar 3, 2016	NPGS Monthly Dinner Meeting – Thursday Mar 3, 6:30 PM <i>Details TBA</i>
Mar 8, 2016	Nevada BLM Oil & Gas Lease Sale, Reno NV Elko NV District, posting date: Dec 09, 2015 http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html
Apr 7, 2016	NPGS Monthly Dinner Meeting – Thursday Apr 7, 6:30 PM <i>Details TBA</i>
May 5, 2016	NPGS Monthly Dinner Meeting – Thursday May 5, 6:30 PM <i>Details TBA</i>
Jun 19-22, 2016	AAPG Annual Convention & Exhibition, 2016: Redefining Reservoir BMO Centre @ Stampede Park, Calgary AB http://ace.aapg.org/2016
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.

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.nbmg.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.