Dinner Meeting: Thursday, Oct 4, 2012

Speaker: Shuman Moore  
President & CEO  
Ram Power Corp.

Title: Ram Power’s Nicaraguan Project

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

Agenda: Cocktail Reception 6:30  
Skyline Bar, 14th Floor

Redeem your dinner ticket for a drink at the Skyline Bar

Hosted by: Oil and Geothermal Drilling Services

Dinner Served at 7:00 PM

Dinner Costs:  
NPS Members $20; Non-Members $23; Students $10
Survival to Growth in Geothermal Energy Development

Ram Power’s Mission is to be a leader in the development, production and sale of geothermal energy.

Ram Power’s Current Operations:
>San Jacinto-Tizate Phase I 36 MW Operating since 12/2011

Ram Power’s Future Operations:
>San Jacinto-Tizate Phase II 36 MW net in 4th quarter 2012 Currently being constructed
>Geysers Project 26 MW net in 1st quarter 2015 PPA & permits secured
>San Jacinto-Tizate Binary Unit 10 MW net in 4th quarter 2015 Resource to be developed
>Casita San Cristobal 85 MW gross Resource to be developed

Ram Power is focused on three projects to maximize shareholder value.
*Geysers Unit 1, California; Capacity: 26 MW; Stage: Contracted
  26 MW PPA signed with N California Power Authority for $113 per MWh
  Production wells drilled, report completed, electrical & interconnection in progress
  Company in final negotiations with SNC Lavalin for the EPC contract
  Expected online date in 1st quarter 2015.
*Casita, Nicaragua; Capacity: 85 MW; Stage: Pipeline
  Based on probabilistic stored heat estimate and direct measurements taken from the well, SKM predicts an 85 MW (gross) commercial resource for 20 years (at P90).
  Currently in discussions with the Ministry of Energy and Mines for the exploitation concession.
*San Jacinto-Tizate (I & II), Nicaragua; Capacity: 72 MW; Stage: Operating/Contracted
  36 MW operating geothermal project, expanding to 72 MW by 4th quarter 2012.
  25 year PPA with Union Fenosa for up to 72 MW.
  US $92/MWh, Currently in negotiations with the Nicaraguan Government for an increase in the tariff.
  Expansion to 72 MW by 4th quarter 2012
  Decommissioning 10 MW plant; Final configuration 2X36 MW turbines
  Addition of 10 MW Bottoming Unit by 4th quarter 2015 brings total capacity to 82 MW.

ABOUT THE SPEAKER:

Shuman Moore, President, Chief Executive Officer

Over the past 36 years, in a career covering more than five years of international assignments and successful energy project development on four continents, Mr. Moore has held positions in the power, industrial process and energy fields with public, private and investor-owned utility companies ranging from construction, service and startup engineer through President. Shuman has detailed experience with all types of power generation equipment, fuels and many industrial processes, including detailed involvement in pulp & paper, waste incineration, ethanol production and petroleum refinery applications.

Mr. Moore holds a BS in Chemistry from the University of Maryland and has completed advanced studies in international business at Georgetown University.
THE NEVADA PETROLEUM AND GEOTHERMAL SOCIETY

IS HOLDING A NEW LOGO CONTEST! ENTER TODAY AND WE WILL ANNOUNCE THE WINNER AT OUR NOVEMBER MEETING (NOVEMBER 1ST AT THE RENO RAMADA).


The winning entry will receive our most-coveted Silver Ingot as well as a Free Dinner and Entry Ticket to the November Meeting.

(Submit your art to: Judy Kareck at jkareck@lumosengineering.com or mail to: Judy Kareck, Lumos and Associates, 9222 Prototype Drive, Reno, NV 89521 no later than 5:00 p.m. on October 25, 2012)
Cocktail Reception 6:30 Hosted by Barbour Well:

Barbour Well, Inc. would like to extend regards and appreciation for all of the attendees at the March NPS meeting who, like ourselves, are committed to the advancement of oil and geothermal energy production throughout Nevada. Please enjoy a complimentary cocktail on us as you receive a ticket when paying for your event. It is our hope to provide you with excellence in oil and geothermal drilling services.

Steve Zarcone Business Development

NBMG Publication Sales for NPGS – Membership Business:

NPGS will receive a payment for publications sold Jan 2012 through Jun 2012 in the amount of $815.20 ($1019.00 minus 20% commission for NBMG).
Thank you to Charlotte and the staff at NBMG for selling these publications for us and helping us keep our library of publications available and saleable. Prices for CDs will be changing soon. See the publications list in this newsletter. An updated list will be included next month.

Next Scheduled Oil & Gas Lease Sale – Dec 11, 2012:

49 parcels will be offered in Churchill County, Nevada.
The notice and list of parcels is available for this sale. 

Next Scheduled BLM Geothermal Lease Sale – January 29, 2013:

Nominations were accepted for this sale until June 29, 2012.
http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/geothermal0/ggeothermal_leasing.html
NPGS was allowed to share a booth with the Nevada Division of Minerals at the recent GRC Annual Meeting held at the Peppermill Resort in Reno. Thank you to Judy, Ron & John for manning the booth and distributing NPGS literature and information. Thank you also to Lowell and the Division of Minerals for allowing NPGS to share the booth.

Congratulations to Lorenzo Trimble, center below right, BLM Geologist from the Reno Geothermal office, who won our silver ingot drawing.

Ron Hess, Jim Faulds, Lowell Price

Lowell Price, John Snow, Lorenzo Trimble, Judy Kareck, Ron Hess
▌ **UNR College of Science – Discover Science Lecture Series:**

Information: 775-784-4591; science@unr.edu
- Oct 16, 2012 Dr. Robert Trivers
- Dec 6, 2012 Dr. Douglas Smith
- Feb 7, 2013 Dr. Michio Kaku
- Apr 4, 2013 Dr. Steven Strogatz

▌ **UNR Geological Sciences Seminar Series:**

Mondays 3:00 PM, DMS 104; http://crack.seismo.unr.edu/geosci/
- Oct 8, 2012 Paul Umhoefer, Northern Arizona
- Oct 15, 2012 Michael Wells, UNLV
- Oct 22, 2012 Chad Deering, UW-OshKosh
- Oct 29, 2012 Greg Dering MS Talk and Nate Pepe MS Talk

▌ **NBMG, UNR Earth Science Week Field Trip 2012 – Oct 20,21:**

"Tuff all over: Exploring faulted volcanic terrain in the Painted Hills, Virginia Mountains, west of Pyramid Lake”
D.D. LaPointe, Jon Price, Jim Faulds, Craig dePolo, and David Davis
Sign up here: http://www nbmg.unr.edu/ESW/ESW_12/index.html
Educational Series 52 (road log): http://www.nbmng.unr.edu/dox/e52.pdf

▌ **Society of Exploration Geophysicists SEG 82nd Annual Meeting – Nov 4-9, 2012:**

The Society of Exploration Geophysicists will hold their 82nd Annual Meeting & International Exhibit November 4-9, 2012 at the Mandalay Bay Convention Center in Las Vegas, Nevada.
Information: www.seg.org

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

New Forest Service maps available
The Great Nevada ShakeOut – Thursday, October 18, 2012

New Forest Service maps available

NBMG now sells the following new U.S. Forest Service maps:
- FSN-12: Mount Rose Wilderness, $14.00
- FSC-13: Carson-Iceberg Wilderness, $14.00
- FSC-14: Hoover Wilderness, $12.00

If you need one of these maps right away, please call us at (775) 682-8766 to order. The maps will be available on our shopping cart soon.
http://www.nbmg.unr.edu/sales/pbs.php?ser=usfs

The Great Nevada ShakeOut – Thursday, October 18, 2012

This year's shakeout will be held on October 18, 2012 at 10:18 a.m.
Register here: http://www.shakeout.org/nevada/register/index.php
More information: http://www.shakeout.org/nevada/

Ordering information

You can place an order for other publications or check for shipping charges through our shopping cart at http://www.nbmg.unr.edu/Departments/PubSales/PubSales.html

Subscribe to our blog: http://nbmg.posterous.com

Charlotte Stock
NBMG Publication Sales, University of Nevada, mailing address for US Mail, Fed Ex, and UPS: 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
Directions to office, www.nbmg.unr.edu
**APPLICATION FOR MEMBERSHIP**

**Name** ____________________________

**Occupation/Title** ____________________________

**Company/Affiliation** ____________________________

**Work Address**

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<th>Street</th>
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**Residence Address**

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<th>Street</th>
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**Preferred Mailing Address?**

- [ ] WORK
- [ ] RESIDENCE

**Work Phone** ___________  **Residence Phone** ___________  **Fax** ___________

**Mobile Phone** ___________  **Email** ____________________________

**Member of AAPG?**

- [ ] YES
- [ ] NO

**Professional References – list two references with phone numbers and addresses**

1) **Name** ____________________________  **Phone** ____________________________

<table>
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2) **Name** ____________________________  **Phone** ____________________________

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**Education – list colleges and universities attended, degree(s) received, and date of degree(s) (OPTIONAL)**

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**Membership Type**

- [ ] ACTIVE $20.00/year
- [ ] ASSOCIATE $15.00/year
- [ ] STUDENT $10.00/year
- [ ] LIFE $200.00 (one-time payment)

**Signature** ____________________________  **Date** ____________________________

**DO NOT COMPLETE**

For NPS Membership Committee Signatures Only

<table>
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<th>Signature</th>
<th>Date</th>
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**Please make check payable to:**

Nevada Petroleum Society
P.O. Box 11526
Reno, NV 89510-1526
Nevada Petroleum and Geothermal Society – Publication List 2012

SPECIAL VOLUMES

NPS 1 Oil Fields of the Great Basin (1994) R.A. Schalla and E.H. Johnson, editors, 31 papers on regional and field specific geology, 5 plates, soft cover with plastic comb binding, 380 p. $65.00

NPS 2 Membership Directory (only available free on the Web at http://www.nbmg.unr.edu/nps/membershipdir.htm)

NPS 15 TerraScan’s Geologic Map of the Eastern Great Basin, Nevada and Utah (1978, rev. 1987) compiled and edited by E.L. Howard, 3 sheets (includes cross-sections) $20.00 NPS or $25.00 non-NPS order by phone only for discounted price of $5.00


FIELD TRIP GUIDEBOOKS

NPS 3 Oil Fields, Production Facilities and Reservoir Rocks of Northern Nye County, Nevada (1989) compiled by W.J. Ehni and D.M. Evans, 8 abstracts and papers, 30 p. (xerox copy only – unbound) $8.00

NPS 4 Oil Fields and Geology of the Pine Valley, Eureka County Area, Nevada (1990) D.M.H. Flanigan, L.J. Garside, and M. Hansen, editors, 15 papers and abstracts, 74 p. (xerox copy only – unbound) $15.00

NPS 5 Geology of White River Valley, the Grant Range, Eastern Railroad Valley and Western Egan Range, Nevada (1991) D.M.H. Flanigan, M. Hansen, and T.E. Flanigan, editors, 10 papers and abstracts, 74 p. $15.00


NPS 7 Structural and Stratigraphic Relationships of Devonian Reservoir Rocks, East Central Nevada (1993) C.W. Gillespie, editor, 15 papers, 3 plates, 203 p. $33.00


NPS 9 Structural and Stratigraphic Investigations and Petroleum Potential of Nevada, with Special Emphasis South of the Railroad Valley Producing Trend (1994) S.W. Dobbs and W.J. Taylor, editors, two volumes bound as one, 13 papers, 22 plates, 281 p. $40.00

NPS 10 Mississippian Source Rocks in the Antler Basin of Nevada and Associated Structural and Stratigraphic Traps (1995) M.W. Hansen, J.P. Walker, and J.H. Trexler, Jr., editors, 16 papers and 7 abstracts, 166 p. $25.00

NPS 11 Cenozoic Structure and Stratigraphy of Central Nevada (1996) W.J. Taylor and H. Langrock, editors, 11 papers, 122 p. $25.00

NPS 12 The Roberts Mountains Thrust, Elko and Eureka Counties, Nevada (1997) A.J. Perry and E.W. Abbott, editors, 4 papers, 2 abstracts and reference papers/abstracts, 74 p. $25.00


NPS 16 Structure & Stratigraphy of the Eureka, Nevada Area (2001) Marilyn S. Miller and Jerome P. Walker, editors, 108 p., 11 color plates, book and CD $40.00 (NPS16), book only $30.00 (NPS16b), CD only $30.00 (NPS16c)

NPS 17 Detachment and Attenuation in Eastern Nevada and its Application to Petroleum Exploration (2002) W. Ehni and J. Faulds, editors, 163 p., book & CD $40.00 (NPS17), book only $35.00 (NPS17b), CD only $15.00 (NPS17c)

NPS 18 Oil, Gas, and Geothermal Occurrences in Northwestern Nevada (2003) S. Foster, editor, 102 p. $25.00

NPS 19 Megabreccias and Impact Breccias of East Central Nevada (2004) C.W. Gillespie and S. Foster, editors $35.00


NPS 22 Geology, Geothermal Resources and Petroleum Exploration of Neogene Basins in the Reno, Nevada Area (2007, 2nd ed., includes two papers not in 1st ed.) S. Limerick, editor, 7 papers, 3 reprints, and roadlog, 140 p. $25.00

NPS 23 Sedimentology and Tectonic Setting of the Late Cretaceous to Eocene Sheep Pass Formation in the Southern Egan Range (2008) P. Druschke, trip leader; J. Trexler, Jr., editor $25.00

These publications are only available from the Nevada Bureau of Mines and Geology (NBMG).

NBMG contact information: Phone: (775) 682-8766, Fax: (775) 784-6690
Web: http://www.nbmg.unr.edu
Web: http://www.nbmg.unr.edu/nps/
Oil and gas resources from NBMG

The following publications are available from the Nevada Bureau of Mines and Geology. NBMG publications that are underlined are also available free on the Web at http://www.nbmg.unr.edu/.

Oil and gas information page on the NBMG website
http://www.nbmg.unr.edu/Oil&Gas/index.html

Bulletins
B104 Oil and gas developments in Nevada: Garside, Hess, Fleming and Weimer (1988), $15.00, for updates, see OF01-7, OF04-1, and M162

Educational Series
E-6 Oil and gas in Nevada (Student book for grades 4-8, 23 pages) $3.45
E-24 Nevada oil: Division of Minerals (Brochure, 1996) free

Lists
L-8 List of oil and gas wells drilled in Nevada since 1907: Hess, Davis, and Boldi (2001, updated 2003) superseded by OF04-1, see also OF01-7
L-12 Nevada oil and gas well catalog (NVOILWEL), superseded by OF04-1, see also OF01-7
Complete list of Nevada oil and gas well exploration data, 1906-present. Listed logs and cuttings are housed at NBMG. Shows, geologic tops and tests are given when available.

Maps
M162 Petroleum data map of Nevada: Garside and Hess (2007), 1:1,000,000, $15.00

Mineral Industry Series
The Nevada Mineral Industry is published annually, beginning in 1979. Each volume has a section on oil and gas in Nevada. Most of these reports are available free on the Web at http://www.nbmg.unr.edu/.

Open-File Reports
OF83-5 Nevada oil shale: Garside, 10 pages, $4.00 (for more oil shale information, see also USGS MF-1546 and MF-2091)
OF92-5 Nevada oil and gas source-rock database: Hess, compilation of source-rock analyses performed on cuttings samples taken at varying depth intervals from oil and gas exploration wells in Nevada up to 1992, complete print-out, $20.00
OF96-6 Nevada oil and gas wells, 1907-1996: 1,100,000 color digital map of Nevada showing major roads, county boundaries, and locations of oil wells drilled since 1907, original printout, $20.00, see also OF01-7, M162
OF01-7 Nevada oil and gas well database map: Hess, CD and 4 page text, $15.00
Contains the following: L-12: updated OF96-6, partial; L-8: B104 text; digital base layers of Nevada data in Shapefile and ArcInfo export file format designed for use at scale 1:1,000,000 (county, towns, roads, USGS topo boundaries for 1:100,000 and 1:24,000, Township and Range); georeferenced raster graphic of the Nevada state base map, B&W, scale 1:1,000,000; 18 USGS digital raster graphic maps (DRG), 1:250,000-scale, topo maps in tiffw format
OF00-2 Hydrocarbon assessment of the Yucca Mountain vicinity, Nye County, Nevada: French, 78 pages and 4 plates, $44.40
OF04-1 Nevada oil and gas well database (NVOILWEL): Hess (2004), $86.40 for photocopy
OF07-7 Assessment of the potential for carbon dioxide sequestration with enhanced oil recovery in Nevada: LaPointe, Price, and Hess (2007), 24 pages, $7.20
OF11-2 Qualitative petroleum potential map of Nevada: Garside and Hess (2011), plate 1:1,000,000 and text
OF11-6 Oil and gas well information for Nevada – 2011 update: Hess, Henson, David, Limerick, Siewe, and Niles; portable hard drive, 105 GB, 9643 files, $115; free on web at http://www.nbmg.unr.edu/Oil&Gas/NVWellInfo.html

Reports
R51 Preliminary assessment of the potential for carbon dioxide disposal by sequestration in geological settings in Nevada: Price and others (2005), CD-ROM or paper copy, 35 pages, $15.00
R52 Assessment of the potential for carbon dioxide sequestration by reactions with rocks in Nevada: Sturmer, LaPointe, Price, and Hess (2007) $22.00 paper

USGS
Basin and Range Carbonate Aquifer System Study:
http://nevada.usgs.gov/barcass/data.htm

Ordering information for Nevada Bureau of Mines and Geology
Sales office located at Great Basin Science Sample and Records Library, 2175 Raggio Parkway, Reno, NV 89512
Phone: (775) 682-8766 Fax: (775) 784-6690 Web: http://www.nbmg.unr.edu
Geothermal Resources from NBMG

Geothermal information page on the NBMG website
http://www.nbmg.unr.edu/Geothermal/index.html

The following publications on geothermal resources are available from the Nevada Bureau of Mines and Geology. NBMG items that are underlined are available free on the Internet and can be viewed at http://www.nbmg.unr.edu/.

Bulletins
B65 Mineral and water resources of Nevada: Cornwall (1964) pp. 267-269, $7.00
B69 Geology and mineral deposits of Pershing County, Nevada: Johnson (1977) pp. 104-106, $21.00
B91 Thermal waters of Nevada: Garside and Schilling (1979) $22.00, for update see L-5
B97 Discovery and geology of the Desert Peak geothermal field—a case history: Benoit, Hiner, and Forest (1982), $15.00 (see also OF03-27)

Educational Series
E-7 Geothermal resources in Nevada: Student reading/activity book for grades four through eight, 27 pp., $4.05
E-15 Nevada geothermal electric power production, brochure (1992) 2 pp., $0.60
E-35 Major mines, oil fields, and geothermal plants in Nevada
E-46 Taking the pulse of the Earth
E-51 Life’s a beach: In search of ancient shorelines and volcanoes in the Grimes Point and Lahontan Mountains area

Lists
L-5 Index to geothermal well files housed at NBMG: Davis and Hess (2009) updates App. 2 of B91, $19.50

Maps
M126 Nevada geothermal resources: Shovenell, Garside, and Hess (2000), superseded by M161
M141 Nevada geothermal resources (second edition): Shevenell and Garside (2005), 1:750,000, $16.00 for paper copy, available folded or rolled, superseded by M161
M146 Geologic map of the Fraser Flat quadrangle and the west half of the Moses Rock quadrangle, Washoe Co., NV
M151 Geothermal potential map of the Great Basin, western United States: Coolbaugh and others (2005), 1:1,000,000, $30.00, rolled only
M161 Nevada geothermal resources: Penfield, Shovenell, Garside, and Zehner (2010), 1:750,000, $18.00, folded or rolled, supersedes M126 and M141

Mineral Industry Series
MI-1979 through current year—The Nevada mineral industry is published annually and has a section on geothermal activities, varies with year, MI-1994-current year available free on Internet at http://www.nbmg.unr.edu/ and click on “Online Documents.”

Newsletters
Nevada Geology Newsletter no. 19, page 3 (Summer 1993) “Low-temperature geothermal resources in Nevada” by Larry Garside, free

Open-File Reports
OF83-6 Preliminary map of thermal wells in the Moana geothermal area, Reno, Nevada: Garside, $8.00
OF87-2 Mineral resource inventory — U.S. Navy master land withdrawal area, Churchill County, Nevada: Quade and Tingley, $92.00
OF94-2 Nevada low-temperature geothermal resource assessment: 1994: Garside, with a bibliography by Davis and Garside, $40.00 for text and plate, or $20.00 for text on disk, or $7.00 for plate only
OF96-2 Reconnaissance photogeologic map of young (Quaternary and late Tertiary) faults in Nevada: (Plate 9) 1:1,000,000, map and text, $15.00
OF96-2 Preliminary geologic map of the Desert Peak-Brady geothermal fields, Churchill County, Nevada: Faulds and Garside (2003), $15.00 (see also B97)
OF06-5 Mineral- and energy resource potential for White Pine County, Nevada
OF06-6 Mineral- and energy resource potential for Pershing County, Nevada
OF06-7 Mineral- and energy resource potential for Lyon County, Nevada
OF06-12 Potential resources associated with proposed roadless areas in Nevada
OF09-10 Preliminary geothermal potential and exploration activity in Nevada: Zehner, Coolbaugh, and Shevenell, 1:1,000,000-scale plate and text, $20.00 (supersedes OF09-1)
OF10-6 Preliminary geologic map of the Lee-Allen geothermal area, Churchill County, Nevada
OF11-3 Preliminary geologic map of the Reese River geothermal area, Lander County, Nevada
OF11-10 Descriptive logs, skeletonized samples, and photographs of core from Presco Energy's thermal gradient wells P3-1, P 10-1, and P 32-2 in the Rye Patch area, Pershing County, Nevada: Davis (2011, Web version only)

Reports
R21 Geothermal exploration and development in Nevada through 1973
R25 Evaluation of geothermal activity in the Truckee Meadows, Washoe County, Nevada: Bateman and Scheibach (1975), $4.00
R33 Papers on mineral deposits of western North America: (1979), presented at the Fifth Quadrennial Symposium of IAGOD, $10.00
R41 Precious-metal mineralization in hot springs systems, NV-CA: Tingley and Bonham (1986), $15.00
R43 Mineral resources of the Kumiva Peak 30' by 60' Quadrangle: Tingley (1989) pp. 16-17, $5.00
R44 Mineral resources of the Pahranagat Range 30' by 60' Quadrangle: Tingley (1989) pp. 8-9, $5.00
R45 Mineral resources of the Overton 30’ by 60’ Quadrangle: Tingley (1989) pp. 12-13, $5.00
R46 Mineral resources of the Timpahute Range 30’ by 60’ Quadrangle: Tingley (1991) pp. 30-31, $5.00
R51 Preliminary assessment of the potential for carbon dioxide disposal by sequestration in geological settings in Nevada

Special Publications
Nevada Petroleum and Geothermal Society; Oct 2012

SP4  Geology of Nevada: a discussion to accompany the Geol. map of Nevada (see below): Stewart (1980), $25.00
00001  Geologic map of Nevada: Stewart and Carlson, U.S.G.S. (1978) 1:500,000, available rolled only, $20.00 available free on the Internet at <http://keck.library.unr.edu/> and click on “Great Basin geoscience dataset” or at <http://www.nbmg.unr.edu/dox/dox.htm>, see SP4 for descriptive text

Urban Map Series
3Ah  Energy and mineral resources map of the Las Vegas SE Quadrangle: Papke and Bell (1973) available rolled or folded, $2.00
4Ah  Energy and mineral resources map of the Reno Quadrangle: Bingler, Bonham, and Luza (1973) available rolled or folded, $2.00
5Ah  Energy and mineral resources map of the Washoe City Quadrangle: Papke and Jones (1978) available rolled or folded, $2.00

Nevada Petroleum Society
NPS5  Geology of White River Valley, the Grant Range, Eastern Railroad Valley and Western Egan Range, Nevada
NPS18  Oil, gas and geothermal occurrences in northwestern Nevada
NPS22  Geology, Geothermal Resources and Petroleum Exploration of Neogene Basins in the Reno, Nevada Area

USGS Publications
I-1701  Bouguer gravity anomalies, depth to bedrock, and shallow temperature in the Humboldt House geothermal area, Pershing County, Nevada: Schaefer (1986), $9.00
OF74-1066  The chemical composition and estimated minimum thermal reservoir temperatures of the principal hot springs of northern and central Nevada, call for prices
OF81-918  Geothermal resources of the western arm of the Black Rock Desert, northwestern Nevada, part I, geology and geophysics: Schaefer, Welch, and Maurer (1983), 41 pages and 4 plates, call for prices

Other Resources
Great Basin Center for Geothermal Energy is at <http://www.unr.edu/geothermal/).

For more information, please contact:
Nevada Bureau of Mines and Geology  Phone: (775) 682-8766
Great Basin Science Sample and Records Library  Fax: (775) 784-6690
2175 Raggio Parkway  E-mail: nbmg@unr.edu
Reno, NV 89512  www.nbmg.unr.edu
<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Oct 1, 2012</td>
<td>UNR Geological Sciences Seminar Series – Mondays 3:00 PM</td>
<td><a href="http://crack.seismo.unr.edu/geosci/">http://crack.seismo.unr.edu/geosci/</a> Mike Oskin, UC Davis</td>
</tr>
<tr>
<td>Oct 16, 2012</td>
<td>UNR College of Science – Discover Science Lecture Series</td>
<td>Dr. Robert Trivers Information: 775-784-4591; <a href="mailto:science@unr.edu">science@unr.edu</a></td>
</tr>
<tr>
<td>Oct 19, 2012</td>
<td>GSN Monthly Dinner Meeting – Friday, 6:00 PM</td>
<td>Drinks at 6:00 PM, dinner at 7:00 PM, and talk at 8:00 PM. Contact Laura Ruud at (775) 323-3500 or e-mail <a href="mailto:gsn@gsnv.org">gsn@gsnv.org</a> for reservations.</td>
</tr>
<tr>
<td>Oct 20, 2012</td>
<td>NBMG, UNR - Earth Science Week Field Trip 2012; October 20 or 21</td>
<td>&quot;Tuff all over: Exploring faulted volcanic terrain in the Painted Hills, Virginia Mountains, west of Pyramid Lake&quot; D.D. LaPointe, Jon Price, Jim Faulds, Craig dePolo, and David Davis <a href="http://www.nbmg.unr.edu/ESW/ESW_12/index.html">Sign up here</a></td>
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**Nov 1, 2012**  | **NPGS Monthly Dinner Meeting** – Thursday Nov 1, 6:30 PM  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV  
Speakers: Lisa Shevenell, Hydrogeologist, NBMG, UNR and Rick Zehner, Caldera Geothermal, Reno, NV  
**Topic:** Geothermal Activity in Nevada, A Summary

**Nov 4-9, 2012**  | **Society of Exploration Geophysicists SEG 82nd Annual Meeting & International Exhibition – Nov 4-9, 2012**  
Mandalay Bay Convention Center, Las Vegas, NV  
[www.seg.org](http://www.seg.org)

**Dec 2-7, 2012**  | **Northwest Mining Association 118th Annual Meeting**  
Spokane Convention Center, Spokane, WA  
[www.nwma.org](http://www.nwma.org)

**Dec 6, 2012**  | **UNR College of Science – Discover Science Lecture Series**  
Dr. Douglas Smith  
Information: 775-784-4591; science@unr.edu

**Dec 7, 2012**  | **NPGS Annual Christmas Party – FRIDAY Dec 7**  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV; Details TBA

**Dec 11, 2012**  | **Nevada BLM Oil & Gas Lease Sale, Reno NV**  
49 parcels available, Churchill County  

**Jan 3, 2013**  | **NPGS Monthly Dinner Meeting** – Thursday Jan 3, 6:30 PM  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV  
Speaker: Scott Hector, Geologist/Owner Hobby Energy  
**Topic:** Monterey Shale play

**Jan 29, 2013**  | **Nevada BLM Geothermal Lease Sale, Reno NV**  

**Feb 7, 2013**  | **NPGS Monthly Dinner Meeting** – Thursday Feb 7, 6:30 PM  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV  
Speaker: Lowell Price, Nevada Division of Minerals, Carson City, NV  
**Topic:** Oil & Gas Exploration Summary 2012

**Feb 7, 2013**  | **UNR College of Science – Discover Science Lecture Series**  
Dr. Michio Kaku  
Information: 775-784-4591; science@unr.edu

**Mar 7, 2013**  | **NPGS Monthly Dinner Meeting** – Thursday Mar 7, 6:30 PM  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV  
Speaker: Vincent Ramirez, Hangtown Oil LLC, Carson City, NV 89703  
**Title:** Empire “Paradise 2-12” oil discovery in western Nye County: why so much Miocene structural compression?

**Apr 4, 2013**  | **NPGS Monthly Dinner Meeting** – Thursday Apr 4, 6:30 PM  
Ramada Reno Hotel, 1000 E 6th St, Reno, NV  
Speakers: Jim Trexler, Professor, Geological Sciences, UNR, Reno NV and Don French, Geologist, Billings MT  
**Topic:** Distribution & lithology of the Mississippian Chainman shale
<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Apr 4, 2013</td>
<td>UNR College of Science – Discover Science Lecture Series</td>
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<tr>
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<td>Dr. Steven Strogatz</td>
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<td>Information: 775-784-4591; <a href="mailto:science@unr.edu">science@unr.edu</a></td>
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<tr>
<td>May 2, 2013</td>
<td>NPGS Monthly Dinner Meeting – Thursday May 2, 6:30 PM</td>
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<td>Ramada Reno Hotel, 1000 E 6th St, Reno, NV</td>
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<td></td>
<td>Speaker: Sean P. Long, Research Professor, NBMG, UNR</td>
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<td>Topic: Mid-Tertiary Unconformity, implications of the structure of Railroad Valley</td>
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<td>and the surrounding region</td>
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<td>Utah Geological Association hosting at the Hilton in downtown Salt Lake City.</td>
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<td>2016</td>
<td>Rocky Mountain Section/Pacific Section Meeting – AAPG 2016</td>
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<tr>
<td>proposed</td>
<td>2016 joint RMS-AAPG/PS-AAPG annual meeting, Las Vegas, Nevada (proposed)</td>
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The NPS 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/](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.