

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.nbmq.unr.edu/nps/>

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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

► **Presentation – NPS Monthly Dinner Meeting – Oct 4, 2012**

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 4 th quarter 2012 | Currently being constructed |
| >Geysers Project | 26 MW net in 1 st quarter 2015 | PPA & permits secured |
| >San Jacinto-Tizate Binary Unit | 10 MW net in 4 th quarter 2015 | |
| >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.

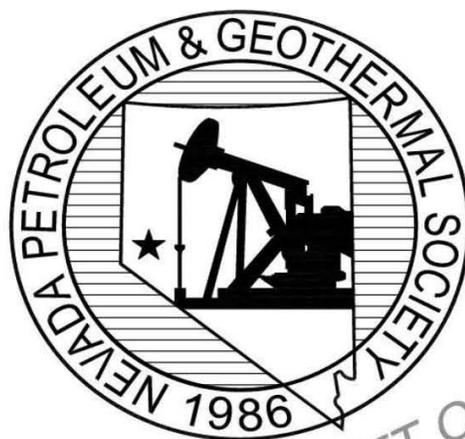
Mr. Moore holds a BS in Chemistry from the University of Maryland and has completed advanced studies in international business at Georgetown University.

**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).**

Visit us at <http://www.nbmgs.unr.edu/nps/index.html> .

**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@lumosenineering.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)



**DRAFT ONLY
JOIN IN ON OUR
NEW LOGO
CONTEST!**

► **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

**Barbour Well Inc., 260 Sunpac Ave. Suite A, Henderson, NV 89011
Direct: 805-207-6407, Cell: 661-755-7687, www.barbourwell.com**

► **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. .

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

► **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 @ GRC'S 36th Annual Meeting Sep 30-Oct 3, 2012:**

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.nbmge.unr.edu/ESW/ESW_12/index.html

Educational Series 52 (road log):<http://www.nbmge.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.nbmgs.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.nbmgs.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

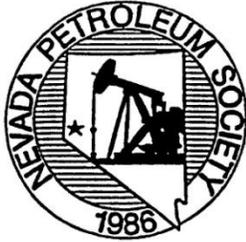
Great Basin Science Sample and Records Library

2175 Raggio Parkway

Reno, NV 89512

phone (775) 682-8766, fax (775) 784-6690

[Directions to office, www.nbmgs.unr.edu](http://www.nbmgs.unr.edu)



APPLICATION FOR MEMBERSHIP

Name _____

Occupation/Title _____

Company/Affiliation _____

Work Address _____
Street City State Zip Code

Residence Address _____
Street City State Zip Code

Preferred Mailing Address? **WORK** -or- **RESIDENCE**

Work Phone _____ Residence Phone _____ Fax _____

Mobile Phone _____ Email _____

Member of AAPG? **YES** -or- **NO**

Professional References – list two references with phone numbers and addresses

1) Name _____ Phone _____

Address _____
Street City State Zip Code

2) Name _____ Phone _____

Address _____
Street City State Zip Code

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

Membership Type

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

Signature _____

Date _____

Please make check payable to:

Nevada Petroleum Society
P.O. Box 11526
Reno, NV 89510-1526

DO NOT COMPLETE

For NPS Membership Committee Signatures Only

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**
- NPS 21** Carboniferous–Permian (Late Paleozoic) Hydrocarbon System, Rocky Mountains–Great Basin Region, U.S., Major Historic Exploration Objective (2001, updated 2003) J. Peterson, RMAG Open-File Report on CD only; 54 p., 45 illustrations, CD **\$15.00**

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 6** Structural Geology and Petroleum Potential of Southwest Elko County, Nevada (1992) J.H. Trexler, Jr., T.E. Flanigan, D.M.H. Flanigan, M. Hansen, and L.J. Garside, editors, 9 papers, 2 plates, 96 p. **\$25.00**
- 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 8** Dating of Pre-Tertiary Attenuation Structures in Upper Paleozoic and Mesozoic Rocks and the Eocene History in Northeast Nevada and Northwest Utah (1994) C.H. Thorman, C.J. Nutt, and C.J. Potter, editors, 11 papers, 125 p. on CD-ROM only **\$25.00**
- 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, 86 p. **\$25.00**
- NPS 13** Hydrocarbon Habitat & Special Geologic Problems of the Great Basin (1998) D.E. French and R.A. Schalla, editors and co-chair **\$25.00**
- NPS 14** Cenozoic Geology of the Northern Colorado River Extensional Corridor, Nevada and Arizona: Economic Implications of Extensional Segmentation Structures (1999) J.E. Faulds, editor, 183 p., 3 color plates **\$35.00**
- 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 20** Great Basin Paleozoic Carbonate Platform: Facies, Facies Transitions, Depositional Models, Platform Architecture, Sequence Stratigraphy, and Predictive Oil and Gas Reservoir and Mineral Host Models (2006) H.E. Cook and J.J. Corboy, 129 pages **out of print** (report from USGS Open-File Report 2004-1078, **free on Web** at <http://pubs.usgs.gov/of/2004/1078/>)
- 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.nbmq.unr.edu/>.**

Oil and gas information page on the NBMG website
<http://www.nbmq.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.nbmq.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)
OF86-13 **Nevada petroleum production statistics, 1954-1986:** Hess, Loomis and Garside, 14 pages, \$5.00
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
OF96-6c **Nevada oil and gas wells, 1907-1996:** 1:1,000,000 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 Arc/Info 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.nbmq.unr.edu/Oil&Gas/NVWellInfo.html>

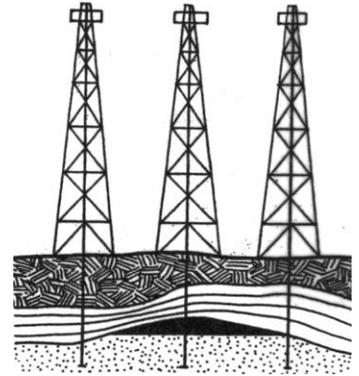
Reports

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

Assessment of undiscovered oil and gas resources of the Eastern Great Basin Province, 2005, Fact Sheet **FS-2005-3053**, free at <http://pubs.usgs.gov/fs/2005/3053/>
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.nbmq.unr.edu>



Geothermal Resources from NBMG

Geothermal information page on the NBMG website

<http://www.nbmq.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.nbmq.unr.edu/>.**

Bulletins

- B65 Mineral and water resources of Nevada: Cornwall (1964) pp. 267-269, \$7.00
B89 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*)
B99B Mineral resources of northern Nye County, Nevada: Kleinhampl and Ziony (1984) pp. 37-38, \$19.00

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: Shevenell, 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, Shevenell, 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.nbmq.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
OF96-2-9 Reconnaissance photogeologic map of young (Quaternary and late Tertiary) faults in Nevada: (Plate 9) 1:1,000,000, map and text, \$15.00
OF03-27 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

C1249 Geothermal energy – clean power from the earth's heat: Duffield and Sass, *free on the Internet at* <<http://geopubs.wr.usgs.gov/circular/c1249/>>
I-1701 Bouguer gravity anomalies, depth to bedrock, and shallow temperature in the Humboldt House geothermal area, Pershing County, Nevada: Schaefer (1986), \$9.00
OF74-271 Geothermal systems of northern Nevada: Hose and Taylor (1974), 30 pages, call for prices
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
OF02-374 A helicopter-borne magnetic survey over Dixie Valley geothermal field, Nevada: A web site for distribution: Pearson, deRidder and Johnson (2002), *available free on the Internet at* <<http://pubs.usgs.gov/of/2002/ofr-02-0374/>>, call for prices
OF02-384 High-resolution aeromagnetic survey to image shallow faults, Dixie Valley geothermal field, Nevada: Grauch (2002), <<http://pubs.usgs.gov/of/2002/ofr-02-0384/>>, 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
Great Basin Science Sample and Records Library
2175 Raggio Parkway
Reno, NV 89512

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www.nbmg.unr.edu

| Nevada Petroleum and Geothermal Society Calendar: Year 2012-2013 | |
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| Sep 30 – Oct 3, 2012 | GRC's 36th Annual Meeting – Sep 30 – Oct 3, 2012 Geothermal: Reliable, Renewable, Global. Peppermill Resort Spa – Reno, NV http://www.geothermal.org/Press%20Releases/Dec_6_2011.html |
| Oct 1, 2012 | UNR Geological Sciences Seminar Series – Mondays 3:00 PM DMS 104; http://crack.seismo.unr.edu/geosci/ Mike Oskin, UC Davis |
| Oct 4, 2012 | NPGS Monthly Dinner Meeting – Thursday Oct 4, 6:30 PM Ramada Reno Hotel, 1000 E 6 th St, Reno, NV <i>Speaker: Shuman Moore, President Ram Power, Reno, NV</i> <i>Topic: Ram Power's Nicaraguan Project</i> |
| Oct 8, 2012 | UNR Geological Sciences Seminar Series – Mondays 3:00 PM DMS 104; http://crack.seismo.unr.edu/geosci/ Paul Umhoefer, Northern Arizona |
| Oct 15, 2012 | UNR Geological Sciences Seminar Series – Mondays 3:00 PM DMS 104; http://crack.seismo.unr.edu/geosci/ Michael Wells, UNLV |
| Oct 16, 2012 | UNR College of Science – Discover Science Lecture Series Dr. Robert Trivers Information: 775-784-4591; science@unr.edu |
| Oct 19, 2012 | GSN Monthly Dinner Meeting – Friday , 6:00 PM Elks Lodge, 597 Kumle Lane, Reno, NV 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 gsn@gsnv.org for reservations. |
| Oct 20, 2012 | NBMG, UNR - Earth Science Week Field Trip 2012; October 20 or 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.nbmgs.unr.edu/ESW/ESW_12/index.html Educational Series 52 (road log): http://www.nbmgs.unr.edu/dox/e52.pdf |
| Oct 22, 2012 | UNR Geological Sciences Seminar Series – Mondays 3:00 PM DMS 104; http://crack.seismo.unr.edu/geosci/ Chad Deering, UW-OshKosh |
| Oct 29, 2012 | UNR Geological Sciences Seminar Series – Mondays 3:00 PM DMS 104; http://crack.seismo.unr.edu/geosci/ Greg Dering MS talk; Nate Pepe MS talk |

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| Nov 1, 2012 | <p>NPGS Monthly Dinner Meeting – Thursday Nov 1, 6:30 PM Ramada Reno Hotel, 1000 E 6th St, Reno, NV <i>Speakers: Lisa Shevenell, Hydrogeologist, NBMG, UNR and Rick Zehner, Caldera Geothermal, Reno, NV</i> <i>Topic: Geothermal Activity in Nevada, A Summary</i></p> |
| Nov 4-9, 2012 | <p>Society of Exploration Geophysicists SEG 82nd Annual Meeting & International Exhibition – Nov 4-9, 2012 Mandalay Bay Convention Center, Las Vegas, NV www.seg.org</p> |
| Dec 2-7, 2012 | <p>Northwest Mining Association 118th Annual Meeting Spokane Convention Center, Spokane, WA www.nwma.org</p> |
| Dec 6, 2012 | <p>UNR College of Science – Discover Science Lecture Series Dr. Douglas Smith Information: 775-784-4591; science@unr.edu</p> |
| Dec 7, 2012 | <p>NPGS Annual Christmas Party – FRIDAY Dec 7 Ramada Reno Hotel, 1000 E 6th St, Reno, NV; Details TBA</p> |
| Dec 11, 2012 | <p>Nevada BLM Oil & Gas Lease Sale, Reno NV 49 parcels available, Churchill County http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/oil_gas/oil_and_gas_leasing.html</p> |
| Jan 3, 2013 | <p>NPGS Monthly Dinner Meeting – Thursday Jan 3, 6:30 PM Ramada Reno Hotel, 1000 E 6th St, Reno, NV <i>Speaker: Scott Hector, Geologist/Owner Hobby Energy</i> <i>Topic: Monterey Shale play</i></p> |
| Jan 29, 2013 | <p>Nevada BLM Geothermal Lease Sale, Reno NV http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/geothermal0/ggeothermal_leasing.html</p> |
| Feb 7, 2013 | <p>NPGS Monthly Dinner Meeting – Thursday Feb 7, 6:30 PM Ramada Reno Hotel, 1000 E 6th St, Reno, NV <i>Speaker: Lowell Price, Nevada Division of Minerals, Carson City, NV</i> <i>Topic: Oil & Gas Exploration Summary 2012</i></p> |
| Feb 7, 2013 | <p>UNR College of Science – Discover Science Lecture Series Dr. Michio Kaku Information: 775-784-4591; science@unr.edu</p> |
| Mar 7, 2013 | <p>NPGS Monthly Dinner Meeting – Thursday Mar 7, 6:30 PM Ramada Reno Hotel, 1000 E 6th St, Reno, NV <i>Speaker: Vincent Ramirez, Hangtown Oil LLC, Carson City, NV 89703</i> <i>Title: Empire "Paradise 2-12" oil discovery in western Nye County: why so much Miocene structural compression?</i></p> |
| Apr 4, 2013 | <p>NPGS Monthly Dinner Meeting – Thursday Apr 4, 6:30 PM Ramada Reno Hotel, 1000 E 6th St, Reno, NV <i>Speakers: Jim Trexler, Professor, Geological Sciences, UNR, Reno NV and Don French, Geologist, Billings MT</i> <i>Topic: Distribution & lithology of the Mississippian Chainman shale</i></p> |

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| Apr 4, 2013 | UNR College of Science – Discover Science Lecture Series Dr. Steven Strogatz Information: 775-784-4591; science@unr.edu |
| May 2, 2013 | NPGS Monthly Dinner Meeting – Thursday May 2, 6:30 PM Ramada Reno Hotel, 1000 E 6 th St, Reno, NV <i>Speaker: Sean P. Long, Research Professor, NBMG, UNR</i> <i>Topic: Mid-Tertiary Unconformity, implications of the structure of Railroad Valley and the surrounding region</i> |
| Sep 22-24, 2013 | Rocky Mountain Section AAPG 2013 – Sep 22-24, 2013 Utah Geological Association hosting at the Hilton in downtown Salt Lake City. |
| 2016 proposed | Rocky Mountain Section/Pacific Section Meeting – AAPG 2016 2016 joint RMS-AAPG/PS-AAPG annual meeting, Las Vegas, Nevada (<i>proposed</i>) |

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.nbmj.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 .
