

# NEWSLETTER

Serving the Petroleum and Geothermal Community

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

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

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#### Past President

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#### AAPG Delegate

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#### AAPG EMD Representative

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## Dinner Meeting: Thursday, Oct 6, 2011

**Speaker:** Marc Brennen  
Senior Director, Business Development  
ThermaSource Cementing, Inc.  
Arbuckle, CA

**Title:** A Technical Approach to Cementing  
Fundamentals and Best Practices

**Place:** Ramada Reno Hotel, Washoe Room  
1000 East 6<sup>th</sup> Street, Reno, Nevada

**Agenda:** Cocktails begin at 6:30 PM  
Dinner Served at 7:00 PM

#### **Dinner Costs:**

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

#### **Menu**

**Buffet style; including chicken & beef entrees, side dishes and salad.**

**\*\*RSVP**

**Diane Phillips (775) 267-4663 or [trailsend@pyramid.net](mailto:trailsend@pyramid.net)**

► **ABSTRACT – NPS Monthly Dinner Meeting – Oct 6, 2011**

***Speaker Marc Brennen***

***Title: A Technical Approach to Cementing Fundamentals and Best Practices***

Marc's slide presentation will provide an overview of engineered cementing practices that apply to geothermal, oil & gas wells. The audience will gain a better understanding of the methods, design considerations, equipment selection, cement slurry testing and quality control in the well cementing industry. One will appreciate that a lot happens before the trucks pull on to location to perform the actual job.

► **About the Speaker:**

**Marc Brennen**  
**Senior Director, Business Development**  
**ThermaSource Cementing, Inc.**

Marc has over 28 years of geothermal, natural gas and oil well cementing experience with the energy exploration industry. Mr. Brennen has provided tech support, operations coordination and sales efforts to numerous operators in energy fields across California, Nevada, the Greater Northwest and Hawaii. Marc holds a B.A. in Geology from Capital University in Columbus, Ohio. Marc worked as a geologist in the civil and geotechnical industry before starting with BJ Services in the Appalachian Basin. Holding technical and sales positions in acidizing, nitrogen foam, hydraulic fracturing and cementing before transferring to the West Coast in 1985. Marc joined Halliburton in 2000 and held technical sales roles in cementing before joining ThermaSource Cementing in 2008. Marc co-authored a paper for the SPE and has been a guest speaker at numerous industry functions. He is a member of the Geothermal Resources Council, Nevada Petroleum Society and has been a member of the API, SPE and was Vice President of the Sacramento Petroleum Association.

► ***NPS Annual Christmas Party – Friday, Dec 2 – Ramada Reno Hotel***  
***Skyline Room***  
***Mark your calendars – details TBA***

► **NEW NPS OFFICERS Sep 2011:**

As of September 2011, NPS has a new slate of officers for the year.

**Incoming President: James (Jim) Faulds, Research Professor, UNR**  
**Vice-President, President Elect: John Snow, Chief Operating Officer, Standard Steam**  
**Secretary: Jim Branch, GIS Specialist/Geologist**  
**Treasurer: Steve Foster, Geophysicist/Geologist**  
**Past President: Alan Wallace, Research Geologist**

We are including their biographies here to help better acquaint you with your Officers/Board of Directors.

> **Dr. James E. Faulds – NPS President 2011-2012**

**Contact Information:**

James E. Faulds  
Research Professor  
Nevada Bureau of Mines and Geology  
MS 178  
University of Nevada, Reno  
Reno, NV 89557  
(775)-682-8751  
[jfaulds@unr.edu](mailto:jfaulds@unr.edu)

**Biography:**

Dr. Faulds received his B.S. from the University of Montana, M.S. from the University of Arizona, and Ph.D. from the University of New Mexico. After completing his Ph.D., he was a post-doctoral scientist at the University of Nevada, Las Vegas, and University of Southern California. He then served as an assistant professor at the University of Iowa for several years before coming to UNR, where he has served as a research professor since 1997. Faulds is a field-oriented structural geologist with over 25 years of experience in studying deformational processes. Major interests include processes of normal and strike-slip fault development and unraveling the structural controls on active geothermal systems. For the past several years, his research has focused on geothermal systems in the western U.S. and Turkey. He has taught a variety of courses, including structural geology, field camp, tectonics, geothermal exploration, and paleomagnetism, and runs an active graduate-student program at UNR. Many of his current projects are closely linked with the geothermal industry, and his work has facilitated development of several geothermal fields in the region.

> **John H. Snow – NPS Vice President/President Elect 2011-2012**

**Contact Information:**

John H. Snow  
Chief Operating Officer  
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(775) 336-8067 (O)  
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[jsnow@standardsteamtrust.com](mailto:jsnow@standardsteamtrust.com)

**Biography:**

Mr. Snow has 27 years of geothermal and oil and gas exploration, production, and regulatory experience in five western states and Alberta, Canada. Mr. Snow is currently the Chief Operating Officer of Standard Steam Trust, an upstream geothermal development company with operations in Nevada, Idaho and Utah. Mr. Snow was previously Director of Geothermal Development for Enel North America where he handled all aspects of geothermal exploration and development. Mr. Snow manages an interdisciplinary team of geothermal

professionals devoted to the development of four geothermal projects located in three western states, which have targeted aggregate capacity of 150 MW. His considerable regulatory experience includes leasing on federal and state lands, correlative rights, spacing orders, hearings, and unitization and pooling agreements. At the Nevada Division of Minerals he worked closely with Nevada oil and gas and geothermal industries to bring on line 260 MW of geothermal power. In 2007, Mr. Snow was appointed by the Governor of Nevada to serve as the State's Energy Commissioner for the Commission on Minerals. Mr. Snow received his BS Degree in Petroleum Engineering from Montana College of Minerals Science and Technology. He currently serves on the Executive Board of the Mackay School of Science and is a Board Member of the Great Basin Center for Geothermal Development at UNR. He is also a member of the Nevada Geothermal Council, the Geothermal Energy Association, the Geothermal Resource Council, the International Geothermal Association, SPE, and the Interstate Oil and Gas Commission.

**> James D. Branch – NPS Secretary 2011-2012**

**Contact Information:**

James D. Branch (Jim)  
GIS Specialist/Geologist  
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Reno, NV 89502  
775-324-3505  
Fax 775-398-3740  
[jdbranch@hotmail.com](mailto:jdbranch@hotmail.com)

**Biography:**

Mr. Branch received a B.S. in geology from the University of Nevada, Reno. Mr. Branch was recently a GIS specialist and geologist for Ram Power, Inc. a company focused on developing, owning, and operating geothermal energy projects in North and South America. Mr. Branch was involved in the production and analysis of maps, data and models used in all phases of geothermal development and exploration. Prior to working at Ram Power, Mr. Branch worked at the Nevada Bureau of Mines and Geology as a cartographer. He also worked at the University of Nevada, Reno as a research assistant focused on paleomagnetism in the Walker Lane.

**> Steve Foster - NPS Treasurer 2011-2012**

**Contact Information:**

Stephen Foster (Steve)  
Geophysicist/Geologist  
886 Marsh Ave.  
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775-329-4123  
[sfostermammoth@aol.com](mailto:sfostermammoth@aol.com)

**Biography:**

After receiving a B.S. in Geology at U.C. Davis and an M.S. in Earth Science from M.I.T., Steve spent 6 years in the NOAA Corp as a deck officer and geophysical data analyst. He participated in NOAA projects in the Gulf of Alaska, South Pacific, offshore Barbados and Senegal, and was liaison to the Marine Science Institute in Groton, Connecticut for one year. His heat flow thesis was published in Geothermics in 1973. Steve joined Union Oil in 1975 as an exploration geophysicist and spent much of his career in overseas offices. He worked 18 months in Norway before Union transferred him to his wife's hometown of Mendoza, Argentina, where he did development geophysics on the Llançanelo heavy oil field. Steve left Mendoza shortly after the Falklands War began and returned to Los Angeles as District Geophysicist for Latin America, a post which he held for 7 years. He served as Vice President of the Southern California SEG in 1985-86. Steve was assigned to the Damascus office in 1989 as Chief Geophysicist, but again left prematurely when the first Gulf War broke out. He transferred directly from Syria to Thailand where he did offshore gas/condensate development for the next 10 years before retiring after 25 years of service. Steve has since done consulting work in Mexico, Nevada, Argentina, and Namibia. He is California professional geophysicist No. 910, and an emeritus member of the SEG.

### **> Alan Wallace – NPS Past-President 2011-2012**

#### **Contact Information:**

Alan R. Wallace  
Research Geologist  
1050 Sumac St.  
Reno, NV 89509  
[wallacealan@sbcglobal.net](mailto:wallacealan@sbcglobal.net)

#### **Biography:**

Alan received his B.S. and M.S. in geology from the University of Colorado and his Ph.D. in geology from Oregon State University. After a couple of stints with geotechnical and mining companies, he worked as a research geologist for the U.S. Geological Survey for 31 years. The majority of his work involved field mapping of diverse geologic settings in Colorado, Nevada, New Mexico, and, for one project, Bolivia. The focus commonly was on the geology of mineralized areas (mining districts, etc.), but it also included research for other types of projects. He retired at the end of 2009 to pursue non-geologic interests, but he has an emeritus position with the USGS and continues to be involved with geology.

### **► Nevada Oil & Gas Lease Sale – Sep 13, 2011:**

***Information Submitted by John Snow, Sep 13, 2011***

***Today's BLM Oil and Gas lease sale was successful for Nevada! 2.6 million dollars collected and the States share is 50%, Nye and White Pine counties 25 % will also be appreciable monies for them. See the general results below and the specifics in the attached file. (with the following link)***

**[http://www.blm.gov/pgdata/etc/medialib/blm/nv/minerals/oil\\_gas/2011\\_lease\\_sales.Par.5928.1.File.dat/20110913\\_OG\\_Sale\\_Results\\_Competitive.pdf](http://www.blm.gov/pgdata/etc/medialib/blm/nv/minerals/oil_gas/2011_lease_sales.Par.5928.1.File.dat/20110913_OG_Sale_Results_Competitive.pdf)**

**NEVADA STATE OFFICE**  
**Oil and Gas Competitive Lease Sale Results Summary**  
**SEPTEMBER 13, 2011**

1. PARCELS OFFERED: 106
2. ACRES OFFERED: 215,630.640
3. PARCELS SOLD: 66
4. ACRES SOLD: 137,931.710
5. TOTAL BONUS BID: \$2,457,405.50
6. HIGHEST BID/PARCEL: \$179,200.00
7. HIGHEST BID/ACRE: \$80.00
8. ALL MONIES DUE WERE RECEIVED.
9. NUMBER OF SALE PARCELS SUBJECT TO PRESALE OFFERS: 5
10. NUMBER OF ACRES SUBJECT TO PRESALE OFFERS: 9206.04
11. NUMBER OF PRESALE OFFERS SOLD COMPETITIVELY: 5
12. NUMBER OF ACRES IN PRESALE OFFERS SOLD COMPETITIVELY: 9206.04
13. TOTAL RECEIPTS: \$2,673,900.50

**> Next scheduled Oil & Gas Lease Sale**  
**Tuesday, Dec 13, 2011**

Parcels:

[http://www.blm.gov/pgdata/etc/medialib/blm/nv/minerals/oil\\_gas/2011\\_lease\\_sales/Par.24923.File.dat/20111213\\_OG\\_Sale\\_Parcels.pdf](http://www.blm.gov/pgdata/etc/medialib/blm/nv/minerals/oil_gas/2011_lease_sales/Par.24923.File.dat/20111213_OG_Sale_Parcels.pdf)

**> Next scheduled Geothermal Lease Sale**  
**Tuesday, January 24, 2012**

[http://www.blm.gov/nv/st/en/prog/minerals/leasable\\_minerals/geothermal0/ggeothermal\\_leasing.html](http://www.blm.gov/nv/st/en/prog/minerals/leasable_minerals/geothermal0/ggeothermal_leasing.html)

**► NPS Monthly Dinner Meeting – Thursday Nov 3, 2011**  
***Two Presentations***

**Speaker:** Larry Garside, Research Geologist Emeritus  
Nevada Bureau of Mines and Geology, University of Nevada Reno

**Title:** Qualitative Petroleum Potential Map of Nevada  
By Larry J. Garside and Ronald H. Hess, Nevada Bureau of Mines and Geology

**Abstract:** *The state's potential for undiscovered petroleum (oil and gas) can be qualitatively estimated by using Geographic Information Systems (GIS) techniques combined with a variety of more site-specific geologic data. The state can be separated into four generalized potential categories: very low to no, low, medium, and high. These categories are specific to Nevada. No relation to any other areas is implied, and no absolute amounts of undiscovered petroleum were predicted.*

*The analysis used the following GIS layers: source rock outcrops, conodont coloration alteration (CAI) values, source-rock thermal maturity data, petroleum exploration and production well data, oil seeps, and maps of several very low to near zero potential features (metamorphic core complexes and igneous-metamorphic complexes, plutonic rocks, and calderas). Most of the digital data for these layers was released in 2007 as NBMG Map 162, Petroleum Data Map of Nevada.*

*Qualitative potential was based on the thinking that petroleum is unlikely to be found in areas which do not have nearby source rocks, or in areas where all potential source rocks have been heated beyond the oil generation window. It is worth noting that some of the map layers only provide information for the mountain ranges; we know considerably less about the subsurface in the valleys, and thus we must make some more speculative assumptions about them. And so far, all oil production has come from the valleys.*

**Speaker:** Paul C. Schwering and Colton Dudley, UNR

**Title:** Review of the National Geothermal Academy - Summer 2011

**Abstract:** *Two students briefly share their experience and lessons from attending the National Geothermal Academy (NGA) in Reno, Nevada last summer. This was the inaugural session of the NGA, which is an 8-week intensive course with subjects spanning the geothermal industry in its entirety. The course attracted 27 students that attended the course in its entirety, and just as many "drop-ins" that attended specific subjects of interest. Students & faculty of the NGA came from all over the world with a variety of expertise and backgrounds in geothermal. The NGA is expected to continue annually.*

### ► **News from Nevada Bureau of Mines and Geology:**

From: Charlotte Stock, NBMG Publication Sales, University of Nevada

#### > New petroleum map

OF11-2 - Qualitative petroleum potential map of Nevada, by Larry J. Garside and Ronald H. Hess, 2011, plate: 24 x 36 inches, text: 9 b/w pages, \$18.00

<http://www.nbmng.unr.edu/sales/pbsdtls.php?sku=OF11-2>

Available free on the Web – [plate](#) - [text](#)

#### > Geothermal industry to get boost from University research

Jim Faulds' geothermal research project

Read article from *Nevada Today*, July 8, 2011:

<http://www.unr.edu/nevada-today/news/2011/jim-faulds-geothermal-exploration>

<http://www.unr.edu/nevada-today>

Read more about research projects by Jim Faulds :

<http://www.nbmng.unr.edu/Staff/Faulds.html>

#### > Major mines of Nevada 2010

P-22 - Major mines of Nevada 2010: Mineral industries in Nevada's economy, by Doug Driesner and Alan Coyner, 2011, 28 pages, 5.5 x 8.5 inches, \$3.00

Available free on the Web - <http://www.nbmng.unr.edu/sales/pbsdtls.php?sku=P-22>

This twenty-second issue of an annual series of reports on the major mines and mills in Nevada lists the names and addresses of operators, numbers of employees, and annual production in 2010. Map locations of all major mines are shown and an overview of mineral production and its effect on Nevada's economy is presented.

Also now available from State of Nevada Department of Business & Industry:  
[Directory of Nevada Mine Operations](#) (January-December 2010)

> Earth Science Week field trip—**October 15 and 16, 2011**

In search of ancient shorelines and volcanoes in the Grimes Point and Lahontan Mountains area  
By D.D. LaPointe, J.G. Price, D.A. Davis, and Craig M. dePolo  
(Earth Science Week field trip, October 15 or 16, 2011)

Sign up:

[http://www.nbmng.unr.edu/ESW/ESW\\_11/index.html](http://www.nbmng.unr.edu/ESW/ESW_11/index.html)

> The Great Nevada ShakeOut—**Thursday, October 20, 2011**

This year's shakeout will be held on October 20, 2011 at 10:20 a.m.  
Register here:

<http://www.shakeout.org/nevada/register/>

More information:

<http://www.shakeout.org/nevada/>

> NBMG faculty award winners

Four NBMG faculty members were featured in the *Silver & Blue* magazine for their outstanding achievements.

Read about their stories here:

[http://www.unr.edu/silverandblue/archive/2011/summer/NSB\\_Summer\\_2011\\_18-19.pdf](http://www.unr.edu/silverandblue/archive/2011/summer/NSB_Summer_2011_18-19.pdf)

<http://www.unr.edu/silverandblue/archive/2011/summer/index.html>

<http://www.unr.edu/silverandblue>

Cornelis Kreemer, Nevada Bureau of Mines and Geology: American Geophysical Union's Geodesy Section Award for 2010; Mackay Researcher of the Year.

<http://newsroom.unr.edu/2011/02/17/american-geophysical-union-awards-university-associate-professor-for-his-%E2%80%9Cgroundbreaking%E2%80%9D-work-in-geodesy/>

<http://www.nbmng.unr.edu/Staff/Kreemer.html>

Daphne LaPointe, Nevada Bureau of Mines and Geology: Mackay Award for Excellence.

<http://www.nbmng.unr.edu/Staff/LaPointe.html>

John Muntean, Nevada Bureau of Mines and Geology: Mousel-Feltner Award in Research.

<http://newsroom.unr.edu/2011/01/31/new-model-for-how-nevada-gold-deposits-formed-may-help-in-gold-exploration-university-of-nevada-researchers%E2%80%99-work-featured-in-the-journal-nature-geoscience/>

Jonathan Price, Nevada Bureau of Mines and Geology: Geological Society of America 2010 Public Service Award; Mining and Metallurgical Society of America President's Citation.

<http://newsroom.unr.edu/2010/07/26/nevada-bureau-of-mines-and-geology-director-jon-price-receives-national-public-service-award/>

> Article by Jon Price

The August 2011 issue of *Mining Engineering* features this article by Jon Price, NBMG Director and State Geologist:

"Energy critical elements: Securing materials for emerging technologies"

"Much of the text in this article has been quoted directly from the report [by APS], which is available online..."

<http://www.aps.org/about/pressreleases/elementsreport.cfm>

Read more about Jon Price: <http://www.nbmg.unr.edu/Staff/Price.html>

> Article by John Muntean

The August 2011 issue of *Economic Geology* features this article by John Muntean (NBMG) and Paul Taufen:

**"Geochemical exploration for gold through transported alluvial cover in Nevada: Examples from the Cortez Mine"**

*Economic Geology* 2011 v. 106, p. 809-833. [\[Abstract\]](#) [\[Full Text\]](#) [\[Figures Only\]](#) [\[PDF\]](#)

Read more about John Muntean: <http://www.nbmg.unr.edu/staff/johnmuntean.html>

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<http://www.nbmg.unr.edu/Departments/PubSales/PubSales.html>.

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Thanks,

Charlotte Stock, NBMG Publication Sales, University of Nevada

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Nevada Bureau of Mines and Geology

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[Directions to office](#)

[www.nbmg.unr.edu](http://www.nbmg.unr.edu)

# Nevada Petroleum Society – Publication List 2010



## 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, 4 plates, hardbound, 380 p. \$65.00**
- NPS 2** Membership Directory (only available **free on the Web** at <http://www.nbmj.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. **\$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, 2 volumes, 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 **\$30.00**
- 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**, 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** (bulk of 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 road log, 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:**

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Web: <http://www.nbmj.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/>.**

## 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**

## Databases, Lists, Indexes, and Digital Maps

List of wells by API and permit numbers; operator and well names; township, range, and section (as of October 27, 2008) at <http://www.nbmq.unr.edu/lists/oil/oil.htm>  
See also: <http://www.nbmq.unr.edu/Oil&Gas/index.html>

## 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. Selective data searches and index lists available upon request. 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*  
**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

## 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

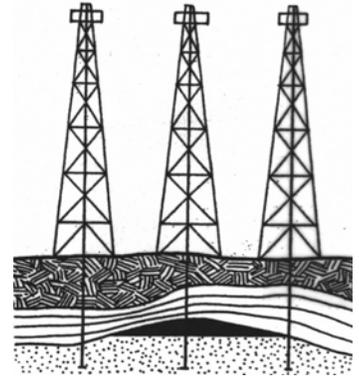
## USGS

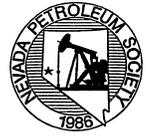
Assessment of undiscovered oil and gas resources of the Eastern Great Basin Province, 2005, Fact Sheet  
**FS-2005-3053, free at <http://pubs.usgs.gov/fs/2005/3053/>**  
**Basin and Range Carbonate Aquifer System Study:**  
<http://nevada.usgs.gov/barcass/data.htm>

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>





**Nevada Petroleum Society Calendar: Year 2011-2012**

<p>Oct 6, 2011</p>	<p><b>NPS Monthly Dinner Meeting</b> – Thursday Oct 6, 6:30 PM                  Ramada Reno Hotel, 1000 E 6<sup>th</sup> St, Reno, NV  <b>Speaker: Marc Brennen</b>, Senior Director, Business Development                  ThermaSource, Inc.  <b>Title: A Technical Approach to Cementing Fundamentals and Best Practices</b>  <a href="mailto:mbrennen@thermasource.com">mbrennen@thermasource.com</a> , <a href="http://www.ThermaSourceCementing.com">www.ThermaSourceCementing.com</a>  <b>Details on Page 1</b></p>
<p>Oct 10, 2011</p>	<p>Northern Nevada SME Meeting, Monday, Oct 10, 2011 - 6PM  <b>Hycroft Deposit; Humboldt and Pershing Counties, Nevada</b>                  Donald Harris - Hycroft Exploration Manager and Mark Gorman –                  Metallurgist; Allied Nevada Gold Corp.  <b>Please visit our page <a href="http://www.smennv.org">www.smennv.org</a> for more details</b>                  Social Hour 6 PM, Dinner 6:45 PM and Technical Session, at 7:30 PM                  Circus - Circus Hotel and Resort, Mandalay Room in Convention Center                  500 N Sierra Street, Reno, NV                  Members \$22/person and Non-Members \$25/person payable at the door  <b>RSVP Required by noon, THURSDAY, Oct 6, 2011</b>                  Call Kaitlin C. Sweet 775.225.6147                  or email: <a href="mailto:kcsweet@enviroincus.com">kcsweet@enviroincus.com</a></p>
<p>Oct 21, 2011</p>	<p>GSN Monthly Dinner Meeting – Friday Oct 21, 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.</p> <p>Speaker: Richard Lundin, Wondjina Research Institute &amp; RICH ORE Mining Inc.                  Title: "<b>The Past, Current and Future Uses of Portable X-Ray Fluorescence (pXRF) in Mineral Exploration for Precious, Base, Industrial and Energy Minerals and Hydrocarbons</b>"                  Sponsor for the evening will be <b>Ruen Drilling Incorporated</b>. Dinner reservations must be made by 3:00 PM Wednesday, October 19. Contact Laura Ruud at (775) 323-3500 or e-mail <a href="mailto:gsn@gsnv.org">gsn@gsnv.org</a> for reservations.</p>
<p>Oct 23-26, 2011</p>	<p><b>GRC's 35th Annual Meeting - October 23-26, 2011</b>                  Town &amp; Country Resort &amp; Convention Center                  San Diego, California - <a href="http://www.geothermal.org/meet.html">http://www.geothermal.org/meet.html</a>  <a href="http://www.geothermal.org/GRCAnnualMeetingPrelimProgram.pdf">http://www.geothermal.org/GRCAnnualMeetingPrelimProgram.pdf</a></p>

Nov 3, 2011	<b>NPS Monthly Dinner Meeting</b> – Thursday Nov 3, 6:30 PM Ramada Reno Hotel, 1000 E 6 <sup>th</sup> St, Reno, NV <b>Speaker: Larry Garside</b> , Senior Director, Business Development ThermaSource, Inc. <b>Title: A Technical Approach to Cementing Fundamentals and Best Practices</b> <a href="mailto:mbrennen@thermasource.com">mbrennen@thermasource.com</a> , <a href="http://www.ThermaSourceCementing.com">www.ThermaSourceCementing.com</a>
Nov 28, 2011	<b>Northwest Mining Association Annual Meeting</b> John Ascuaga's Nugget, Reno/Sparks, Nevada <a href="http://www.nwma.org">www.nwma.org</a>
Dec 2, 2011	<b>NPS Annual Christmas Party – Friday, Dec 2</b> Ramada Reno Hotel, 1000 E 6 <sup>th</sup> St, Reno, NV <b>Details TBA</b>
Apr 22-25, 2012	<b>AAPG Annual Meeting, Long Beach CA</b> <a href="http://www.aapg.org/longbeach2012">http://www.aapg.org/longbeach2012</a>

The NPS Newsletter is provided to members of the Nevada Petroleum Society.  
For information about membership and events, see the NPS 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](mailto:vehni@aol.com) .

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