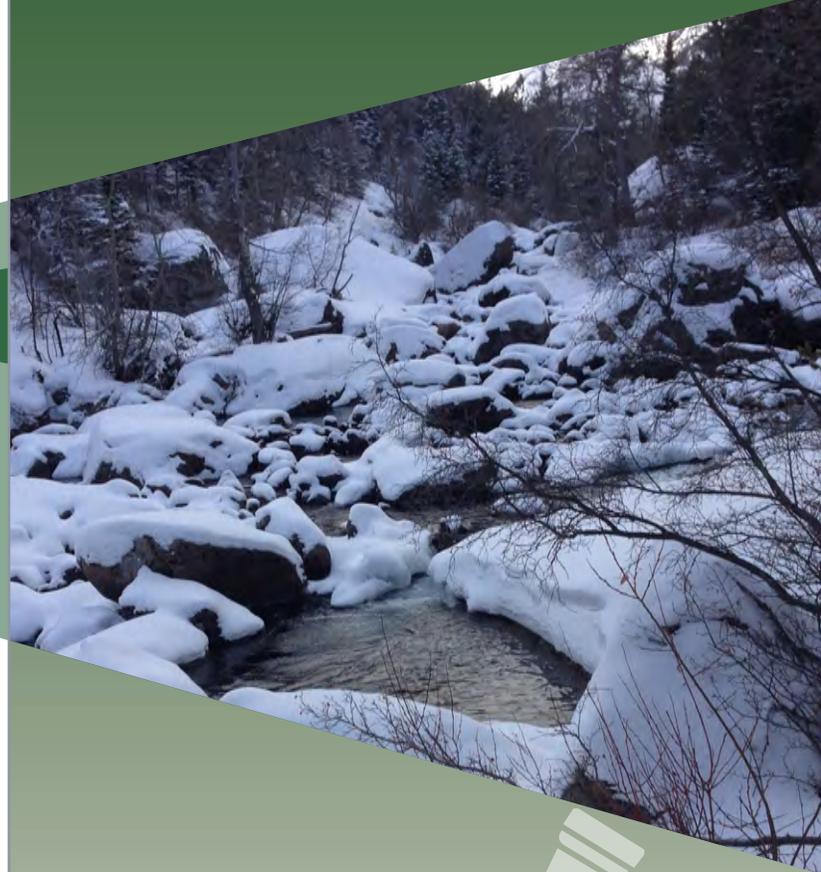




MONTANA GEOLOGICAL SOCIETY

NEWSLETTER

Vol. 61 No. 3



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P2 / PRESIDENT'S LETTER

No idea what to give the non-geologist in your family for the Holidays? Perhaps our President can solve your predicament!



P5 / 3-D SEISMIC SYMPOSIUM

Find all the details regarding the upcoming Symposium, "Recovery on the Horizon," scheduled for February 22, 2017.



P7 / CALL FOR PAPERS

See how to submit your abstract for next year's RMS-AAPG Section Meeting, to be held in Billings.



P9 / MEMBERSHIP RENEWAL

If you haven't renewed your membership yet, please use the Renewal form or visit mtgeo.org to pay your 2017 dues.

Upcoming Events:

December 15 - Oilies Christmas Party:
At the Double Tree Hotel

See Page for more details.



Contact Us:

mtgeo.org / montanageologicalsociety@gmail.com

Add our email address to your contacts so your Newsletters & Luncheon announcements don't end up in Spam!

PO Box 844
Billings, MT 59103

President's Letter

Dear Membership,

I hope that all your holiday preparations are coming together, and that you have time in your busy schedules to be with family and friends. Don't forget your commercial duty, purchasing something for the significant people in your life. Past president Mark Millard gave us all some good suggestions on what to buy for the geologists on our shopping lists. A more difficult question is, what should a geologist buy for the non-geologists? Is there some special gift that could inspire a sudden interest in geology? One year I purchased a rock tumbler for the family. I still use it, but I don't think the others ever did.

A quick Google search of the things "not to give as gifts" yields many lists of the usual suspects; cookware, something for the car, chia pets, cleaning supplies, underwear, and so on. One site had "something you would like to have" on their top ten list of things you shouldn't gift. Now that makes it tougher! So this year I am contemplating getting my wife a rock hammer for Christmas. It is something I don't want, since I already have five or six, but she doesn't own a single one. I could gift her one of mine, but re-gifting was also a "don't do" on one of the bad gift idea lists. But in support of the idea, I didn't find rock hammers listed on any of the google "bad gift idea" lists.

With my mind set on this gift idea, I began wondering what my wife would do with a rock hammer. Being German and directly from the "old country", things in her life need a purpose. Would she use it for rock hounding? Very unlikely, since she often comments on the rocks the rest of us drag home from every family outing. Even on summer floating trips, the rocks in the cooler at the end of the day greatly outnumber and outweigh the empty drink containers much to her displeasure. So I came up with a list of things my wife would likely do with her new rock hammer.

1. Hang pictures. She loves to put holes in our walls to hang all sorts of "artwork" and decorative objects.
2. Hang the hammer on the wall for the rustic look, or with a little sign under it saying "Look What I Got for Christmas!"
3. Open containers of food when the lid is stuck, or the can opener can't be found.
4. Excavate holes in the flower beds to plant bulbs and seeds, some of which somehow made their way to Montana from Germany. The rock hammer would be especially useful for winter plantings!
5. Chip ice off the steps to the deck. Never mind the holes in the planks! They will add traction in the spring.
6. Split kindling. She fears the splitting axe after nearly losing a finger. The rock hammer's point would be less efficient, but less likely to remove fingers.

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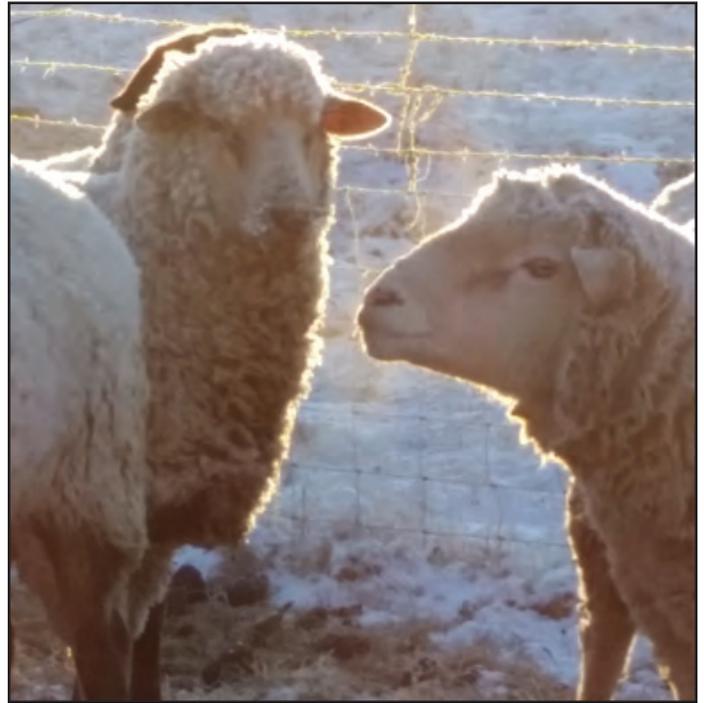


7. Removing ice and snow from the windshield in the morning. Maybe not a good use!
8. Fending off ornery rams when feeding the ewes in the morning. Rams have thick skulls, but a sharp blow with a rock hammer might do the trick.
9. Personal protection. She wouldn't need a concealed carry permit, and most of her hand bags a large enough to hide a full sized rock hammer. And probably the best use would be to...
10. Keep our teenage son in line. He doesn't seem to respect the wooden spoon anymore, and an angry German wielding a rock hammer would definitely command more respect.

Well these are just a few of my ideas, and I'm sure she would have a different list of things I could do with this gift. So if you are stuck finding that special gift for someone in your life, don't hesitate to get down to earth. A Brunton? Be sure to catch me at the Oilies Christmas Party on December 15th to share your gift ideas.

Happy Holidays,

Kevin Chandler
MGS President



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If not, do it now!

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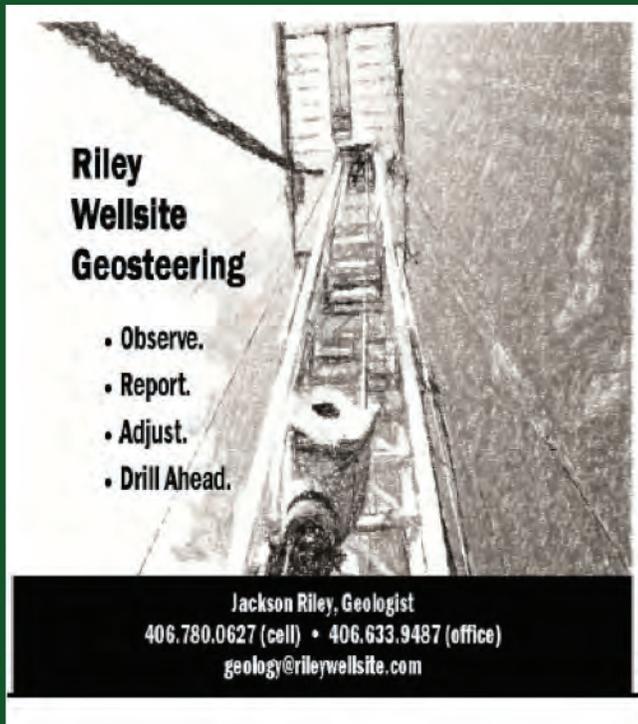
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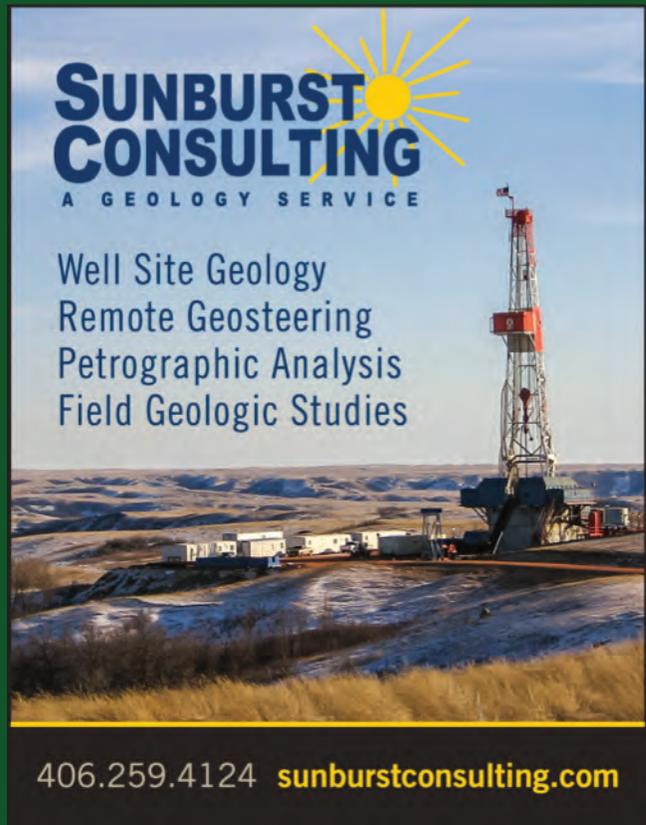
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“Recovery on the Horizon”

3-D Seismic Symposium set for February 22nd, 2017

The 23rd Annual 3-D Seismic Symposium, jointly sponsored by the Denver Geophysical Society and the Rocky Mountain Association of Geologists, will be held Wednesday, February 22nd, 2017 at the Studio Loft in downtown Denver’s Performing Arts Complex. This year’s theme is “Recovery On The Horizon.” The 2017 program includes a total of 15 presentations focusing on case histories from the Rockies and other USA shale plays, along with several talks on the latest 3D technologies.

Kicking off the Symposium this year will be Cimarex’s VP of Exploration, John Lambuth, giving us an active operator’s perspective on technical influences on operational success in some of today’s key trends. The luncheon Keynote speaker will be Dr. Mark Zoback, Professor of Geophysics at Stanford University. His talk will discuss the ability to predict and manage the risk of injection-induced seismicity.

Numerous presentations will involve case studies involving various Rocky Mountain Basin projects. John Frederick of Red Leaf Energy will give a presentation on the Powder River Basin, as will CGG’s Ron Kenny. Several talks will be given regarding the DJ Basin, including from Dr. James Applegate at SeismicUtensils, Meagan Stephens of Halliburton, and Anders Elgerd of Night Hawk Energy. SM Energy’s Shane Mogensen will be giving a Williston Basin Bakken talk. There will be two Permian Basin presentations, one given by Stephen Gardner of Lago Petroleum Consulting, and the other by Glenn Winters from Fasken Oil and Ranch. Two Marcellus speakers are slated, Dr. Morgan Brown from Neos GeoSolutions and Nancy House, Integrated Interpretation. Finally, Dr. Colin Sayers, Schlumberger, Dr. Antoine Guitton, Colorado School of Mines, and Bruce Karr, Fairfieldnodal, will all give presentations involving some of the latest in 3D technology advances. These speakers come to us from a mix of oil and gas operators, consultants, service companies, and academia.

Mark your calendar for February 22nd, and make plans to join for what will no doubt be another great day of informative presentations on the very latest trends and concepts our industry has to offer. Lunch and digital copies of the booklet are included as part of the program. An area within the Studio Loft will be set aside for exhibitor booths and networking. Registration has already begun through the DGS (sign up through www.denvergeo.org). For more information, please contact 3D Symposium Co-Chair Angie Southcott at angiesouthcott@hotmail.com, or Kyrie Encinas at the DGS kyrie@denvergeosociety.org. We are actively seeking corporate sponsorship for this event, please contact Jim Folcik for more information (Jim_Folcik@eogresources.com).

FOOD for Thought

"A steadily increasing share [of scientific research] is conducted for, by, or at the direction of, the Federal government. Today, the solitary inventor, tinkering in his shop, has been overshadowed by task forces of scientists in laboratories and testing fields. In the same fashion, the free university, historically the fountainhead of free ideas and scientific discovery, has experienced a revolution in the conduct of research. Partly because of the huge costs involved, a government contract becomes virtually a substitute for intellectual curiosity... The prospect of domination of the nation's scholars by Federal employment, project allocations, and the power of money is ever present - and is gravely to be regarded".

Excerpt from President Dwight Eisenhower's January 1961 farewell address.
Submitted by Steve VanDelinder

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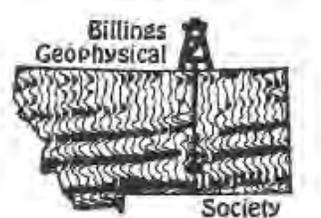
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Present

2016 Oilies Christmas Party

Where: **The Petroleum Club**

22nd floor of the Double Tree Hotel (formerly Crowne Plaza)
27 N. 27th Street, Billings, Montana



When: **Thursday, December 15th, 2016**

Time: **5 p.m. to 10 p.m.**

Let us eat, drink and be merry, and share the spirit of the season with friends. Great food. Free beer and wine. Cash bar for well drinks.



Membership -

Please consider giving a donation to help cover the expenses of this year's Oilies Christmas Party.

You can mail your generous donation directly to the MGS, or save a stamp & bring it with you to hand off to an MGS officer. Thank you!

MONTANA GEOLOGICAL SOCIETY

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