# *Geophysical Society of Pittsburgh*

***Proudly Presents Tuesday, September 10, 2019***
***At Cefalo's Restaurant, Carnegie, PA***

# Tank Development in the Midland Basin, Texas: a case study of super-charging a reservoir to optimize production and increase horizontal well densities.

## *Presented by:*
## Dr. Jon McKenna, Geological Engineer, FracRx

Jon will give a presentation on frac hits/parent child covering the specifics from the QEP URTeC paper entitled "Tank Development in the Midland Basin: A case study of super-charging a reservoir to optimize production and increase horizontal well densities". In addition, he will show a geomechanics study detailing stress patterns from the Utica. (https://www.microseismic.com/wp-content/uploads/2019/02/URTeC-2902895.pdf)

Dr. Jon McKenna is a geological engineer at FracRx. His work relies on microseismic measurements during hydraulic stimulation to quantify dynamic stress changes in the reservoir and develops accurate fracture models to simulate proppant placement and forecast production. He holds a B.S. and a M.S. from the University of Georgia in Geology and Geophysics and a Ph.D. from the Colorado School of Mines in Geological Engineering. He has over 20 years of engineering geology experience, has published over 50 journal articles or abstracts and is the primary inventor of three U.S. patents.

***Please RSVP using the PayPal link on the Geophysical Society of Pittsburgh website at: www.thegsp.org***
***Cost: $35 Members, $40 Non-members ($20 for Students). Meeting Location: 428 Washington Ave, Carnegie, PA 15106 (412) 276-6600.***

# *Tuesday September 10, 2019*

# *Agenda:*

***5:00 pm Social Hour  (Beer and Wine)***

***(Seitel Sponsorship for Social Hour)***

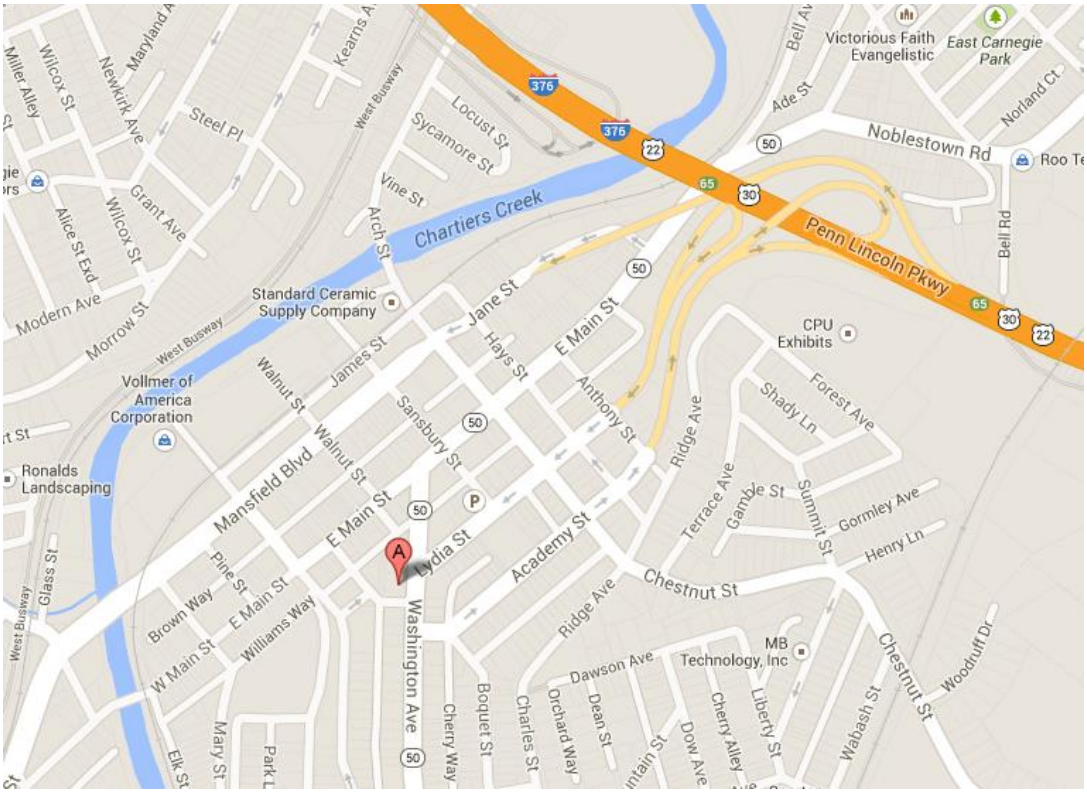
***5:45 pm Dinner Buffet***

***6:30 pm Lecture***

***<u>To receive a CEU certificate from this lecture please contact Bill Harbert</u>***

***This months lecture will be held at :***

**Cefalo's**
**Banquet & Event Center**
428 Washington Ave.
Carnegie, PA 15106
412.276.6600



***We would like to thank our 2019-2020 Corporate Sponsors. Please contact Joel Starr is you are interested in sponsoring the GSP***

GOLD

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SILVER

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TGS

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BRONZE
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*Geophysical Society of Pittsburgh*

The Geophysical Society of Pittsburgh successfully hosted the first Appalachian Basin Geophysical Symposium (ABGS), June 5th 2019 at the Noah's Event Center, Canonsburg PA. The event was a huge success with great speakers covering the latest innovations in geophysical research, technology and perspectives of the Appalachian Basin. We thank all our generous sponsors, speakers and organizers who made this event possible.

The positive feedback received from our community has prompted the GSP board to make the ABGS an annual event. With the addition of this yearly symposium, *it was determined that the monthly meetings should be reduced to a quarterly basis.*

The goals of this change are twofold:

1. Boost attendance numbers at our general meetings;
2. Focus Appalachian Basin centric talks for the ABGS.

Two of the quarterly meetings will occur in the fall and the other two during the spring. The ABGS will still be held around the beginning of June in tandem with the golf outing. This ensures that our members still have the opportunity to network on a semiregular basis.

We hope these changes help enhance the GSP's ability to promote the science of geophysics as well as promote the fellowship and cooperation among its membership. We look forward to seeing everyone at the first meeting this September.

Sincerely,

The GSP Board

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## 2019-2020 GSP OFFICERS

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| *President:* | Travis Duran | Seneca Resources |
| *Vice President:* | Casey Hagbo | Chevron |
| *Treasurer:* | Brian Lipinski | Geophysical Consultant at Huntley and Huntley Energy Exploration. |
| *Secretary:* | Bill Harbert | Univ. of Pittsburgh |

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**Your Dues and Sponsorship in Geophysical Society of Pittsburgh go toward:**

- *Outstanding Monthly Lecture Series*
- *SEG Distinguished Lecturers*
- *Annual Scholarship Awards*
- *Annual Golf Outing*
- *Short Courses*

*Please contact Travis Duran, Casey Hagbo, or Brian Lipinski for Sponsorship Opportunities.*

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