



Geophysical Society of Pittsburgh



Proudly Presents

Tuesday, November 13th, 2012

At

Cefalo's Banquet & Event Center, Carnegie, Pennsylvania

2 Sweeps, or Not 2 Sweeps: That is the Question *by* *Mr. Kevin Werth*

Abstract:

The source effort in Vibroseis exploration and the amount of time invested in this component of the seismic project can be reduced by taking a look at how many sweeps are performed on each point. Field testing of the Vibroseis source into a two dimensional (2D) Line with acceptable fold and capturing each sweep individually at the test is needed. The individual sweeps can then be processed using differing number of total sweeps to determine the acceptable number of sweeps prior to the start-up of the three dimensional (3D) Survey. Field Testing has indicated that there are Vibroseis sourced surveys that can be acquired with as few as 1 sweep and with higher fold. A discussion of time and costs within a Vibroseis 3D Survey and data samples from field testing will illustrate the value of fewer sweeps per Vibroseis source location within a 3D Survey.



Kevin is currently the Chief Geophysicist focusing on Seismic program design efforts for Dawson Geophysical in Oklahoma City, Oklahoma where he supports 2D and 3D seismic design and acquisition operations throughout the U.S. Kevin received his B.S. degree in Liberal Arts at Hastings College in Nebraska (1980) and has completed post graduate Geology studies in Dallas, Texas (1984 – 86). Kevin has worked for 32 years in the seismic industry. Most recently, Kevin has been involved with Seismic Design work from 1993 – 2002 with WesternGeco in Denver, Midland, and Oklahoma City and has spent the past 10 years with Dawson Geophysical Company in Oklahoma City as an Area Design Geophysicist.

Please RSVP using the PayPal link on the Geophysical Society of Pittsburgh website at: www.thegsp.org

Please note that registration for this lecture will be limited to the first 80 registrants!

Cost \$35 (\$20 for Students). Meeting Location: Cefalo's, 428 Washington Ave., Carnegie, PA 15106, 412.276.6600.

November 13th Meeting Menu

5:00 pm Social Hour

This month's social hour is proudly sponsored by
McDonald Land Services!

Large Selection of Bottled Beer & Wine

6:00 pm Dinner

Dinner Buffet

Tossed Salad with 2 Dressings

Hot Steamed Vegetables

Honey Roasted Red Skin Potatoes

Pasta with Marinara Sauce

Pasta with White Shallot Cream Sauce

Chicken Marsala

Dessert and Coffee

7:00 pm Lecture

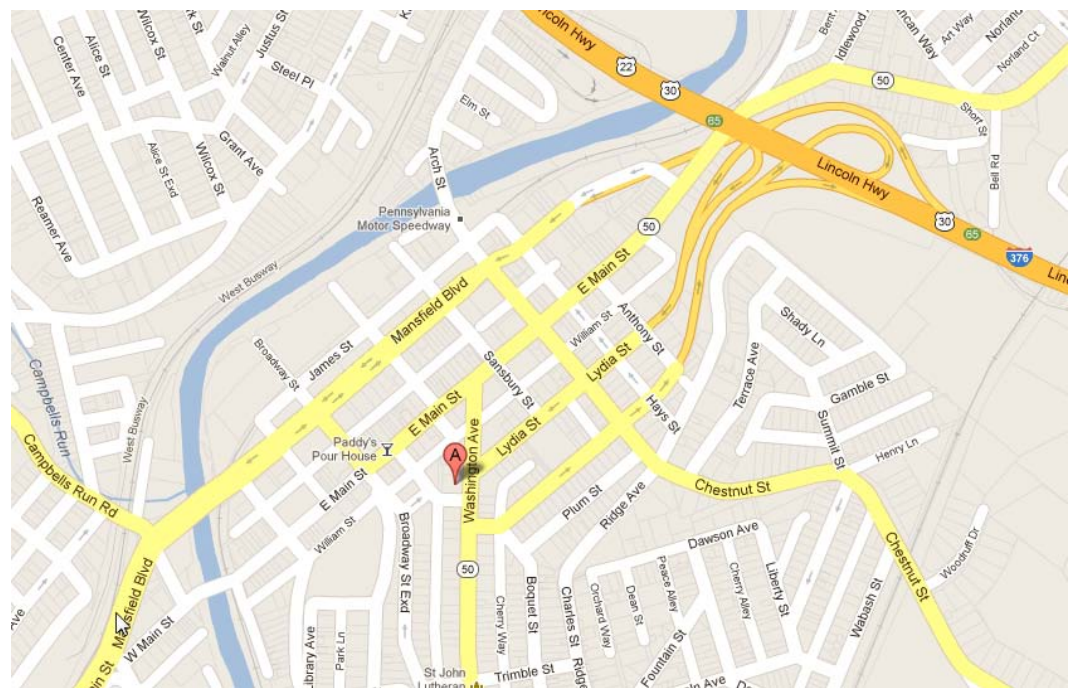
We are pleased to announce that this month's lecture will be held at :

[Cefalo's Banquet & Event Center](#)

428 Washington Ave.

Carnegie, PA 15106

412.276.6600



Geophysical Society of Pittsburgh Upcoming Lecture Series:

November 13th : 2 Sweeps or Not 2 Sweeps: That is the Question. Mr. Kevin Werth, Dawson Geophysical Company - Meeting to be at Cefalo's, 428 Washington Ave., Carnegie, PA

December 4th: NEOS GeoSolutions

January 8th: Sigma³ Integrated Reservoir Solutions, Inc. (Tentative)

February 5th: Check Website for details

March 5th: Check Website for details

April 2nd: Check Website for details

May 7th: Check Website for details



Photo: Bill Harbert

News and Events from Geoscience Organizations



The SEG International Exposition and 82nd Annual Meeting

SEG heads back to Las Vegas on 4-9 November 2012, for the 82nd Annual Meeting. Early bird Registration Ends September 21, 2012. Register Today at

<https://registration.seg.org/registration>

DEVELOPING UNCONVENTIONALS



4th annual DUG *East* Conference & Exhibition The largest gathering of Marcellus unconventional oil and gas professionals

The 2012 **DUG™ East** Conference & Exhibition will focus on the positive growth that operators, service companies, and local economies are experiencing across the Utica and Marcellus regions, including first-hand reports from senior-level oil and gas executives who are bringing these exciting plays to fruition.

NOVEMBER 13-15, 2012
Pittsburgh, Pennsylvania

<http://www.regonline.com/Register/Checkin.aspx?EventId=1035192>

Pittsburgh Geological Society

The PGS Generally Meets on the 3rd Wednesday of the Month From September through May
More information available at <http://www.pittsburghgeologicalsociety.org/>



P·A·P·G

Pittsburgh Association of
Petroleum Geologists

An AAPG Affiliated Society

www.papgrocks.org

The PAPG Generally Meets on the 2nd Monday of the Month From September through May. More information is available at <http://www.papgrocks.org/>

We would like to thank our 2012-2013 Corporate Sponsors:

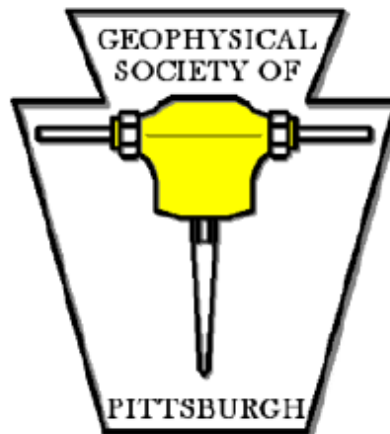
GOLD

SILVER



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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 Eddie Gonzales (egonzales@dawson3d.com) for Sponsorship Opportunities.
