

**38<sup>th</sup> ANNUAL SEDC STEERING COMMITTEE MEETING**

**Wednesday April 9, 2003**

**Tulsa, Oklahoma**

1. **Steering Committee Update: Duane Eversoll**  
**Retiring Member – Gary Koontz**  
**New Member – Robert Henthorne - Kansas DOT 785-291-3800**  
**Finances: End of last years meeting = \$5,177.66. Sent Oklahoma \$3,400.00**  
**Current balance = \$1,777.66**  
**SEDC Website: Go to: <http://csd.unl.edu/sedc/sedc.htm>**
2. **Report on 37<sup>th</sup> SEDC Meeting – April 4, 2001, Des Moines, Iowa: Stacy Brocka.**
3. **2002 Local Committee Report : Jim Nevels, Butch Reidenbach and Ali H. Ebrahimi.**
4. **Future SEDC Meetings:**  
2004 - Topeka or Lawrence, Kansas  
2005 - Lincoln, Nebraska  
2006 - Sioux Falls, SD?  
2007 - Des Moines, Iowa?
5. **Mailing list: South Dakota has held it for most of our history.**
6. **Awards:**  
**Gary Koontz – Steering Committee Member**  
**Art Loyola - Christensen**  
**Previous manufacturers awarded:**  
**Mobile Drilling**  
**CME**  
**Simco**  
**Boart Longyear**  
**Acker**  
**Christensen**
7. **Other Business**

**38th Annual  
Shallow Exploration Drillers Clinic  
Holiday Inn Select  
Tulsa, OK  
April 8-10, 2003  
Program Agenda**

**Tuesday, April 8, 2003**

9:00 AM - 5:30 PM Registration and Exhibit Area Setup  
9:00 AM - 1:30 PM NDA Workshop Registration  
1:30 - 5:30 PM **Drilling for Engineers and Soil Testing for Drillers**  
*Will Acker, Acker Drilling Company  
Sponsored by National Drilling Association*

**Wednesday, April 9, 2003**

7:00 AM - 12:00 PM Registration  
7:00 - 8:00 AM **Pastries & Coffee**  
*Hosted by Burgess Engineering & Testing, Inc.*  
8:00 - 8:30 AM **Geologic Hazards of Oklahoma**  
*Ken Luza, Oklahoma Geological Survey*  
8:30 - 9:00 AM **Transfer of Technology**  
*John L'Espoir, Enid Drilling Systems*  
9:00 - 9:30 AM **SPT and Torque Measurements**  
*Jim Nevels, Oklahoma Department of Transportation*

9:30 - 10:00 AM **Refreshment Break**  
*Hosted by SIMCO*

10:00 - 10:30 AM **US Exploration Equipment Company-Introduction and Product Overview**  
*William Knorr, US Exploration Equipment Company*

10:30 - 11:00 AM **Field Implementation of Dilatometer Testing**  
*Hai Ming Lim, Burgess Engineering & Testing, Inc.*

11:00 - 11:30 AM **Slug Testing with Direct Push Equipment**  
*Wesley McCall, Geoprobe Systems*

12:00 - 1:30 PM **Lunch on your own**

1:30 - 2:00 PM **Special Application Drilling (Foundation Grouting) Case Study: U.S. Army Corps of Engineers Project at Kentucky Lock**  
*Pat Carr and Ken Abud, The Judy Company*

2:00 - 2:30 PM **Waste Oil as a Heating Source (and related EPA information & guidelines)**  
*Tim Shou, Energy Logic*

2:30 - 3:15 PM **New Developments and Applications in InSitu Soil Testing Techniques**  
*Glen Ferguson, GeoSystems*

3:15 - 3:45 PM **Refreshment Break**  
*Hosted by GeoProbe Systems*

3:45 - 4:15 PM **Integrated Geophysical Investigation for Transportation Projects**  
*Roark Smith, MACTEC Engineering*

4:15 - 4:45 PM **Preservation and Containerization of Environmental Samples**  
*Dennis Anderson, Thiele Geotech, Inc.*

4:45 - 5:15 PM **PMT Results**  
*Siege Crain, Standard Testing & Engineering Company*

5:30 - 7:30 PM **Social Gathering**  
*Hosted by Board-Longyear*

**Thursday, April 10, 2003**

7:00 - 8:00 AM **Breakfast Buffet**  
*Hosted by DESI*

8:00 - 8:30 AM **Differing Factors of Safety for Liquefaction Using Cyclic Resistant Ratios Calculated from SPT, CPT, and Shear Velocity Measurements**  
*Kevin McLain, Missouri Department of Transportation*

8:30 - 9:00 AM **Shallow Drilling to Evaluate Mineral Resources**  
*Ken Johnson, Oklahoma Geological Survey*

9:00 - 9:30 AM **CPT Testing**  
*Chris Clarke, Oklahoma Department of Transportation*

9:30 - 10:00 AM **Working with Diamond Drill Bits**  
*Art Loyola, Scorpion Engineering Inc.*

10:00 - 10:30 AM **Refreshment Break**  
*Hosted by Diedrich Drill, Inc.*

10:30 - 11:00 AM **InSitu Testing in Unsaturated Soil**  
*Jerry Miller, University of Oklahoma*

11:00 - 11:30 AM **Geotechnical Instrument Installation**  
*Joe Waxse, Terracon*

12:00 - 1:30 PM **Buffet Luncheon**

1:30 - 2:00 PM **Comparison of Shallow Exploration Practices in Oklahoma and Arizona**  
*Nasir Marakah, METCO*

2:00 - 3:00 PM **Applications in Piezo-Cone and Seismic Cone Penetrometer Utilization in Soft Soils**  
*Kevin Miller, PSI*

3:00 - 3:30 PM **Hole Forum - A Roundtable Discussion**  
*Speakers and Attendees*

3:30 - 4:00 PM **Refreshment Break**  
*Hosted by CME*

4:00 - 4:30 PM **Demonstration Drilling (Weather Permitting)**

4:30 - 5:00 PM **Demonstration Drilling (Weather Permitting)**

5:00 - 5:30 PM **Demonstration Drilling (Weather Permitting)**

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*Professional development will be available. Inquire at Registration for information.*

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**Demonstration Drilling:** Weather permitting, there will be a drilling demonstration near the Holiday Inn - Select.

# Registration Form (Check One)

Attendee:

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_  
Zip \_\_\_\_\_  
Phone \_\_\_\_\_

Conference Fees \$75.00  
(Includes Luncheon, All Handouts)

Total \_\_\_\_\_

Attend NDA Workshop  
Yes \_\_\_\_\_ No \_\_\_\_\_  
Lodging arrangements are the responsibility of the attendee and/or exhibitor.

Exhibitor

Company Name \_\_\_\_\_  
Representatives \_\_\_\_\_  
Phone \_\_\_\_\_

Note: All Exhibitor Personnel Must Register As Attendees As Well.

One Table \$100

Total \_\_\_\_\_

Please No Credit Cards or Cash  
Make Checks Payable to: SEDC

Mail This Page  
and Check to:

SEDC

c/o: Burgess Engineering & Testing, Inc.  
Attn: Ali H. Ebrahimi, P.E.  
2603 N. Shields  
Moore, OK 73160

## GENERAL INFORMATION

### PURPOSE

The 38<sup>th</sup> SEDC Clinic has been designed to assist all those engaged in exploration drilling. SEDC was created in 1965 to provide a forum for drillers and geotechnicians to transfer experiences and technology. The 38<sup>th</sup> Clinic is dedicated to this goal.

### EQUIPMENT DISPLAY

An outdoor display of truck-mounted drilling equipment will be presented by various manufacturers, the Oklahoma Department of Transportation, and others. Exhibit booths will also be available for commercial firms to display products and new technology.

### LOCATION

Holiday Inn-Select  
5000 E. Skelly Drive  
Tulsa, OK 74135  
(1-44 & Yale Ave.)

### LODGING

The Holiday Inn Select - Tulsa is proud to host the SEDC. A block of rooms has been reserved at the special clinic rate of \$65.00 + 12.9172% tax. The blocked rooms will be held until March 24, 2003. After that date, rooms may be reserved at the clinic rate on a space available basis. To make reservation call the Holiday Inn Select - Tulsa toll free at 1-800-836-9635. Please specify you are with the Shallow Exploration Drillers Clinic when making a reservation. Please note: the toll free number is for reservation only. Please use (918) 622-7000 for any other calls. For further information about the Holiday Inn Select - Tulsa, see our website at [www.hisselect.com/tulsa-select](http://www.hisselect.com/tulsa-select).

### AIRPORT SHUTTLE

The Holiday Inn Select - Tulsa provides complimentary shuttle service to and from Tulsa International Airport. Use the "hotel board" in the baggage claim area to request the hotel shuttle. To schedule your return trip to the airport, please contact the hotel front desk.

### REGISTRATION FEE

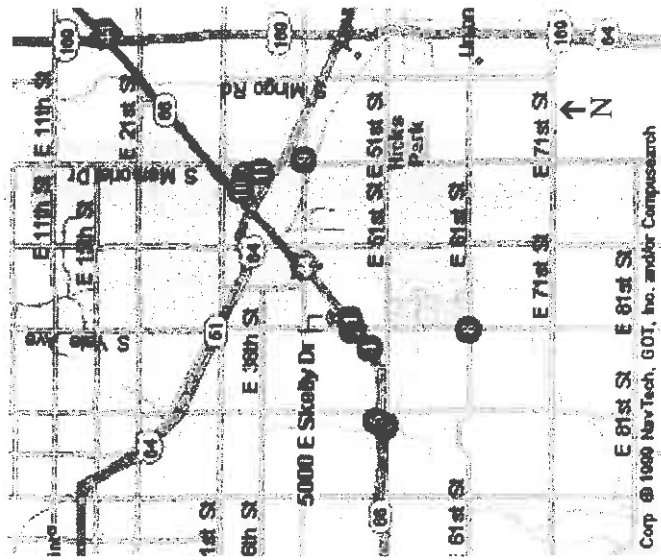
Attendees - \$75.00  
(Including speakers only)  
Exhibitors - \$100 (One table)  
(Handouts & Buffet Lunch Included w/Fee)

### CONTACT INFORMATION

Butch Reidenbach  
ODOT  
(405) 522-4994  
(405) 522-0552 (Fax)  
vreditnb@odot.org  
Scott Cosby  
ODOT  
(405) 522-4996  
(405) 522-0552 (Fax)  
scosby@odot.org

### SPONSORS

OKLAHOMA DEPARTMENT OF TRANSPORTATION  
BURGESS ENGINEERING AND TESTING, INC.  
OKLAHOMA GEOLOGICAL SOCIETY



1. Holiday Inn Select  
5000 E. Skelly Dr.  
(800) 836-9635
2. Howard Johnson Inn  
4724 S. Yale Ave.  
(918) 496-9300
3. Travelodge  
4717 S. Yale Ave.  
(918) 622-6776
4. Baymont  
4530 E. Skelly Dr.  
(918) 488-8777
5. Best Western-Trade Winds  
3141 E. Skelly Dr.  
(918) 749-5561
6. Ramada Inn  
3131 E. 51st  
(918) 743-9811
7. Doubletree  
6110 S. Yale Ave.  
(918) 495-1000
8. Extended-Stay (Tulsa)  
3414 S. 79th East Ave.  
(918) 664-9494
9. Hawthorne Suites  
3509 S. 79th East Ave.  
(918) 663-3900
10. Courtyard (Tulsa)  
3340 S. 79th East Ave.  
(918) 660-0646
11. Embassy Suites (Tulsa)  
3332 S. 79th East Ave.  
(918) 622-4000
12. Amerisuites (Tulsa)  
7037 S. Zurich Ave.  
(918) 491-4010

**Pat O'Brien**

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**From:** "Pat O'Brien" <pat@obrienintl.com>  
**To:** "Larry Gibel" <ohiotestbor@aol.com>; "Alan Garrard" <ragarrar@southernco.com>; "David Neibert" <neibert@cmeco.com>; "Denis Despres" <ddepres@boartlongyear.com>; "Don Ulses" <heberdon@qwest.net>; "Gordon Craig" <gcraig@craigtest.com>; "Gregg Nieto" <gnieto@nndrilling.com>; "Jeff Thew" <northstardrilling@geologic.net>; "John Gregg" <jgregg@greggdrilling.com>; "Lisa Crimaldi" <lisa@madrilling.com>; "Mike Tiani" <mtiani@terratestinginc.com>; "Steve Palovchik" <stpalovchik@hotmail.com>; "Will Acker" <wacker@ackerdrill.com>; "Alan Livadas" <alivadas@vironex.com>; "Bill Hampton" <dmaverick@penn.com>; "Bill Knorr" <bknorr@useeco.com>; "Conrad Landola" <mudmen@aeroinc.net>; "David Brown" <brownd@geoprobe.com>; "David McCray" <david@tristatetesting.com>; "Gary Geldhof" <garydrill@hotmail.com>; "Jim Belgeri" <jbelgeri@smeinc.com>; "Jim Howe" <jfh@geotechnology.com>; "John Martinuzzi" <geoprobe@earthlink.net>; "Keith Fickling" <KeiFickli@aol.com>; "Larry Deutsch" <ldeutsch@terratestinginc.com>; "Mike Crimaldi" <mike@madrilling.com>; "Patrick Replogle" <repiop@lrkimball.com>; "Tom Ruda" <ddijl@diedrichdrill.com>; "Tom Shenosky" <thomas.shenosky@us.atlascopco.com>  
**Sent:** Tuesday, October 07, 2003 3:20 PM  
**Subject:** SEDC

To: NDA Board & Committee Members

For future information and planning purposes, I am attaching the link to the SEDC Web site where you can find information about the March 29-31, 2004 show in Topeka, KS. The NDA Board and committee meetings will be held in conjunction with this show.

<http://sedc.unl.edu/sedc/index.asp>

Best regards,  
 Pat O'Brien

=====

National Drilling Association  
 10901D Roosevelt Blvd. N, Suite 100  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

of

> the video. I think that NDA could make a few \$ marketing this,  
 > especially to non-members. There are a few of these videos out (the  
 > best known is one produced by UC-Berkeley for their Geotechnical  
 > students); but, they don't come close to being good enough from the  
 > safety standpoint (i.e. drillers in ball caps and sneakers,  
 mishandling  
 > loads, etc.). UC -Berkeley sells theirs for \$35.00. Just a thought.

>

> JJB

>

> PS - I thought your reminiscing in the Magazine was terrific! That's  
 > not something you can write every time, but it surely identifies you  
 > with the industry, and that is a good thing.

>

> >>> "Lisa Crimaldi" <[lisa@madrilling.com](mailto:lisa@madrilling.com)> 10/1/2003 4:02:33 PM >>>

> Jim,

> Thank you so much for the link. We will add it to the links page. I

> hope you

> are doing great. I appreciate your input.

> Will I see you in Orlando in Dec?

> Lisa A. Crimaldi

> Mid-America Drilling Services, Inc., President

> National Drilling Association, President

> 630-365-0600 phone

> 630-365-1650 fax

> ----- Original Message -----

> From: "Jim Belgeri" <[JBelgeri@smeinc.com](mailto:JBelgeri@smeinc.com)>

> To: <[lisa@madrilling.com](mailto:lisa@madrilling.com)>

> Sent: Wednesday, October 01, 2003 2:43 PM

> Subject: Re: Website Update

>

>

> > Lisa, I use the link below often to get a general feel for a site

> (air

> > photo and topo). It is really useful to me and may be a useful

> link.

> > Thanks.

> >

> > <http://terraserver-usa.com/>

> >

> >

> >

> > Jim Belgeri

> > S&ME, Inc.

> > 423.323.2101

> >

> > >>> "Lisa Crimaldi" <[lisa@madrilling.com](mailto:lisa@madrilling.com)> 10/1/2003 10:19:53 AM >>>

> > Hello Members -

> >

> > I need your help. I am working on enhancing the NDA website and feel

**Pat O'Brien**

---

**From:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**To:** "Jim Belgeri" <JBelgeri@smeinc.com>  
**Cc:** <lisa@madrilling.com>; <replop@lrkimball.com>; <pat@nda4u.com>  
**Sent:** Tuesday, October 07, 2003 1:28 PM  
**Subject:** FW: Website Update

Jim,  
 The 2004 SEDC is scheduled for March 29-31. It will be held in Topeka, Kansas. The NDA is currently scheduled to present a half-day training program on the afternoon of the 29th. The meeting location is the Capitol City Plaza Hotel. The SEDC Committee will need to confirm the training program that will be presented. Plans should be to do this at our December Board meeting.

-----Original Message-----

From: Lisa Crimaldi [mailto:lisa@madrilling.com]  
 Sent: Tuesday, October 07, 2003 12:44 PM  
 To: Garrard, R. Alan  
 Subject: Fw: Website Update

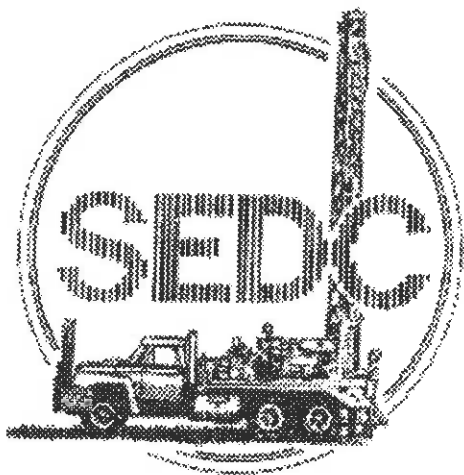
Please see below:

Lisa A. Crimaldi  
 Mid-America Drilling Services, Inc., President  
 National Drilling Association, President  
 630-365-0600 phone  
 630-365-1650 fax

----- Original Message -----

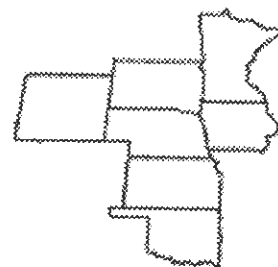
From: "Jim Belgeri" <JBelgeri@smeinc.com>  
 To: <lisa@madrilling.com>  
 Sent: Wednesday, October 01, 2003 3:26 PM  
 Subject: Re: Website Update

> Lisa, I'd like to be there. I'm hoping that the Shallow Exploration  
 > Drilling Committee can be more active at that time. I'd hate to just  
 > sit in on other Committee Meetings, again. Tell me if there is  
 > something that Committee can focus on.  
 >  
 > I have an interest (at least partly for our own Company) in having a  
 > video produced that speaks to the basics of SPT and Shelby tube  
 > drilling  
 > and sampling and the safety aspects of those operations. The value  
 > for  
 > new helpers (and even new geotechnical engineers) would be that they  
 > would be somewhat familiar with the process, even before going to the  
 > field. The value to experienced drillers would be the safety aspects



## Shallow Exploration Drillers Clinic

# SEDCC

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### 2004 Clinic

[2004 Clinic](#)[Steering Committee](#)[History](#)[Archives](#)

**March 29 - 31, 2004**

**39th Annual Shallow Exploration Drillers Clinic  
Capitol City Plaza Hotel  
Topeka, Kansas**

#### ***Preliminary Information:***

**Monday, March 29, 2003:** One-half day National Drilling Association course

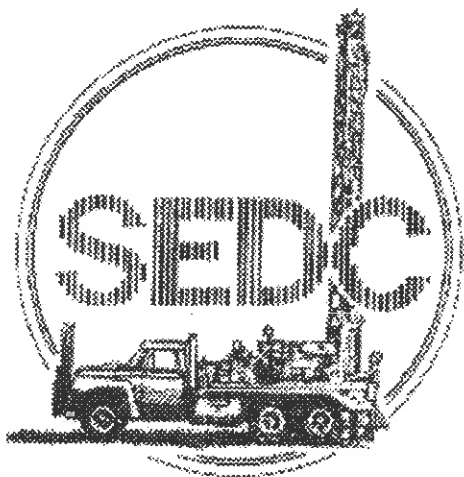
**Tuesday, March 30, 2003:** Full day of talks

**Wednesday, March 31, 2003:** One-half day of talks, and possible one-half day of drilling demonstration.

More information to follow as plans develop.

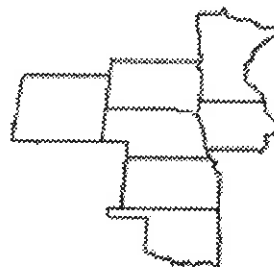
[ [Home](#) ]

Last modified: 04/25/03



## Shallow Exploration Drillers Clinic

# SEDCC

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## Shallow Exploration Drillers Clinic

[2004 Clinic](#)

### 2004 SEDC Clinic

[Steering Committee](#)

The 39th Annual SEDC will be March 29-31, 2004, in Topeka Kansas. Preliminary plans can be found on our [2004 Clinic](#) page.

[History](#)[Archives](#)

### SEDC Mission

The purpose of each meeting is to present information that will assist all those engaged in exploration drilling in keeping abreast with new techniques and review or perhaps even hearing for the first time *old tried and true methods*.

### SEDC Profile

The **Shallow Exploration Drillers Clinic Steering Committee** includes our colleagues from [Iowa](#), [Kansas](#), [Minnesota](#), [Nebraska](#), [Oklahoma](#), [South Dakota](#), and [Wyoming](#).

Click on the map or the above state names to view clinic





photographs and steering committee members.

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## Contact Information

For questions or further information, contact Mr. Duane Eversoll, SEDC Executive Director, at:

**Telephone**

402-472-7524

**FAX**

402-472-4608

**Postal address**

Conservation and Survey Division, University of Nebraska-Lincoln, 113  
Nebraska Hall, Lincoln, Nebraska 68588-0517

**Electronic mail**

General Information: [deversoll2@unl.edu](mailto:deversoll2@unl.edu)

Web Administration: [dmohlman1@unl.edu](mailto:dmohlman1@unl.edu)

**SEDC web site host**

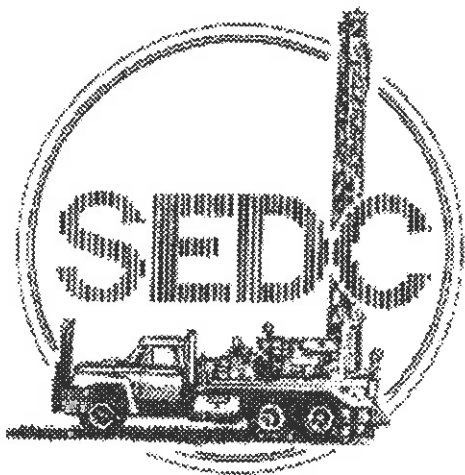
This web site is hosted by the Conservation and Survey Division (Nebraska Geological Survey), University of Nebraska-Lincoln.

As of July 15, 2003, you are visitor number



The National Drilling Association is a non-profit trade association of contractors, manufacturers, and affiliated members representing the geotechnical, environmental and mineral exploration drilling industry. The NDA mission is to promote the use of professional drilling contractors and their methods.

Founded in 1972, NDA has more than 250 international member companies. Visit their member directory for a complete listing and contact information.



## Shallow Exploration Drillers Clinic

# SEDCC

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## Steering Committee

[2004 Clinic](#)[Steering Committee](#)[History](#)[Archives](#)

### SEDCC Steering Committee (as of January 18, 2002)

**Larry Brady**

1930 Constant Avenue, Campus West  
Kansas Geological Survey  
Lawrence, Kansas 66046-2598  
voice 913-864-3965  
fax 913-864-5317  
[lbrady@kgs.ukans.edu](mailto:lbrady@kgs.ukans.edu)

**Stacy Brocka**

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**Ken Doe**

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**Duane Eversoll**

**SEDCC Executive Director**  
Conservation and Survey Division

**Ken Luza**

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fax 405-325-7069  
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**Jim Nevels, Jr.**

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(Nebraska Geological Survey)  
113 Nebraska Hall  
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Lincoln, Nebraska 68588-0517  
voice 402-472-7524  
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4226 Locust Street  
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[kearneygeosol@aol.com](mailto:kearneygeosol@aol.com)

**Kevin Griese**  
Geotechnical Engineering Activity  
South Dakota Department of  
Transportation  
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**Derric Iles**  
South Dakota Geological Survey  
Akeley Science Center  
University of South Dakota  
414 East Clark Street  
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fax 605-677-5895  
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**Gary Koontz**  
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fax 913-296-2526  
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Lincoln, Nebraska 68588-0517  
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[jroberts3@unl.edu](mailto:jroberts3@unl.edu)

**Dave Thomssen**  
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voice 402-479-2200  
fax 402-479-2276  
[thomd@hws-con.com](mailto:thomd@hws-con.com)

**RonWalker**  
413 Southwest State  
Ankeny, Iowa 50021  
voice 515-964-0356

**Allen Wood**  
5300 Bishop Boulevard  
Cheyenne, Wyoming 82009  
voice 307-777-4203  
fax 307-777-3994

# KANSAS

DEPARTMENT OF TRANSPORTATION  
DEB MILLER, SECRETARY

KATHLEEN SEBELIUS, GOVERNOR

Monday, December 29, 2003

PATRICK O'BRIEN  
NATIONAL DRILLING ASSOCIATION  
109010 ROOSEVELT BLVD. H, SUITE 100  
ST. PETERSBURG, FL 33716

Dear NDA:

The Kansas Department of Transportation, Bureau of Materials and Research, Geology Section, and the Kansas Geological Survey will be hosting the 39<sup>th</sup> Annual Shallow Exploration Drillers Clinic (SEDC) on March 29-31, 2004 at the Topeka Capitol Plaza Hotel in Topeka, Kansas.

SEDC was created in 1965 to provide a forum for drillers, engineers, geotechnicians and other shallow exploration individuals to transfer experience and technology. The 39<sup>th</sup> Clinic is dedicated to this goal.

We cordially invite you to attend and display your products. Inside booth space will be available for displaying products and informational brochures and for one-on-one discussions with attendees. Outside space will be available for displaying drilling equipment.

Exhibit space can be reserved by responding back to us by January 31, 2004.

Sincerely yours,

Robert Henthorne, P.G.  
KDOT Chief Geologist  
Email: RobertH@ksdot.org

**Pat O'Brien**

---

**From:** "Lisa Crimaldi" <lisa@madrilling.com>  
**To:** "Patrick O'Brien" <pat@obrienintl.com>; "Will Acker" <wacker@echoes.net>; "David Brown" <brownd@geoprobe.com>; "David McCray" <david@tristatetesting.com>; "Gordon Craig" <gcraig@craigtest.com>; "Tom Ruda" <ddijl@diedrichdrill.com>; "Don Ulises" <heberdon@qwest.net>  
**Cc:** "Tom Shenosky" <thomas.shenosky@us.atlascopco.com>; "Tom Ruda" <ddijl@diedrichdrill.com>; "Patrick Replogle" <replog@lrkimball.com>; "Will Acker" <wacker@echoes.net>; "Steve Palovchik" <stpalovchik@hotmail.com>; "Mike Tiani" <mtiani@terrateestinginc.com>; "John Gregg" <jgregg@greggdrilling.com>; "Jeff Thew" <northstardrilling@geologic.net>; "Gregg Nieto" <gnieto@nndrilling.com>; "Gordon Craig" <gcraig@craigtest.com>; "Don Ulises" <heberdon@qwest.net>; "Denis Despres" <ddepres@boartlongyear.com>; "David Neibert" <neibert@cmeco.com>; "Alan Garrard" <ragarrar@southernco.com>; "Larry Gibel" <ohiotestbor@aol.com>; "Mike Crimaldi" <mike@madrilling.com>; "Larry Deutsch" <ldeutsch@terrateestinginc.com>; "John Martinuzzi" <geoprobe@earthlink.net>; "Jim Howe" <jfh@geotechnology.com>; "Jim Belgeri" <jbelgeri@smeinc.com>; "Gary Geldhof" <garydrill@hotmail.com>; "David McCray" <david@tristatetesting.com>; "David Brown" <brownd@geoprobe.com>; "Conrad Iandola" <mudmen@aeroinc.net>; "Bill Knorr" <bknorr@useeco.com>; "Alan Livadas" <alivadas@vironex.com>; "Dan Dunn" <ddunn@boartlongyear.com>  
**Sent:** Monday, December 29, 2003 12:23 PM  
**Subject:** Re: NDA Sponsored Session at SEDC

Hello all!

I know that Jeff Blinn of Barroid was also very interested in doing something for the NDA. I sensed at the board meeting that he was disappointed that he has not been able to provide a service to the NDA so far. He expressed to me that he feels he spent money to be a member and come to meetings, but has not been able to "participate". Jeff said he was already doing a mud school for the SEDC. I feel Dan Dunn will do an excellent job on a coring presentation and will represent the NDA very well. Is there anyway we can also "advertise" what Jeff Blinn is doing or incorporate him into the NDA program in anyway? I think this would be advantageous to all.

Reminder to submit any tool box talks you have to Pat O'Brien, myself and Dan Dunn via email. Our goal is to provide our members with a collection of 52 tool box talks they can use throughout the year. We would like to do this by March '04. We all use tool box "safety" talks (or should) in our own businesses. Send in what you have and the safety committee will review, revise, and assemble them. Our goal is to have a draft of 52 for approval at the March Board meeting. This is a big goal and can only be achieved with the help of EVERYONE! Thank you in advance for your participation.

Hope everyone has a wonderful new year. I believe the NDA will make much progress in 2004. Let's all make it a priority, set goals and accomplish them.

Best regards,  
 Lisa A. Crimaldi  
 Mid-America Drilling Services, Inc., President  
 National Drilling Association, President  
 630-365-0600 phone  
 630-365-1650 fax

12/29/2003

**Pat O'Brien**

---

**From:** "Patrick O'Brien" <paddyobie@msn.com>  
**To:** "Will Acker" <wacker@echoes.net>; "David Brown" <brownd@geoprobe.com>; "David McCray" <david@tristatetesting.com>; "Gordon Craig" <gcraig@craigtest.com>; "Tom Ruda" <ddijl@diedrichdrill.com>; "Jeff Thew" <jthew1@twcny.rr.com>; "Don Ulses" <heberdon@qwest.net>  
**Cc:** "Tom Shenosky" <thomas.shenosky@us.atlascopco.com>; "Tom Ruda" <ddijl@diedrichdrill.com>; "Patrick Replogle" <replot@lrkimball.com>; "Will Acker" <wacker@echoes.net>; "Steve Palovchik" <stpalovchik@hotmail.com>; "Mike Tiani" <mtiani@terrateestinginc.com>; "Lisa Crimaldi" <lisa@madrilling.com>; "John Gregg" <jgregg@greggdrilling.com>; "Jeff Thew" <northstardrilling@geologic.net>; "Gregg Nieto" <gnieto@nndrilling.com>; "Gordon Craig" <gcraig@craigtest.com>; "Don Ulses" <heberdon@qwest.net>; "Denis Despres" <ddepres@boartlongyear.com>; "David Neibert" <neibert@cmeco.com>; "Alan Garrard" <ragarrar@southernco.com>; "Larry Gibel" <ohiotestbor@aol.com>; "Mike Crimaldi" <mike@madrilling.com>; "Larry Deutsch" <ldeutsch@terrateestinginc.com>; "John Martinuzzi" <geoprobe@earthlink.net>; "Jim Howe" <jfh@geotechnology.com>; "Jim Belger" <jbelgeri@smeinc.com>; "Gary Geldhof" <garydrill@hotmail.com>; "David McCray" <david@tristatetesting.com>; "David Brown" <brownd@geoprobe.com>; "Conrad Landola" <mudmen@aeroinc.net>; "Bill Knorr" <bknorr@useeco.com>; "Alan Livadas" <alivadas@vironex.com>; "Dan Dunn" <ddunn@boartlongyear.com>  
**Sent:** Monday, December 29, 2003 10:48 AM  
**Subject:** NDA Sponsored Session at SEDC

Bob Henthorne (KSDOT) and I spoke today about NDA's participation in the March 29-31, 2004 (dates have not changed to April) SEDC. We confirmed that NDA will sponsor the session on Monday, March 31, 2004 from 1:00-5:00 PM. I asked Bob about the audience and what he wanted, so that NDA could provide them with the best presentation possible. He confirmed that the primary audience is drillers and drillers helpers, with a small representation by geologists and engineers. He said that much of the other SEDC presentations will focus on the basics as there are many new drillers and drillers helpers who need this information. He also said that safety would be a heavy focus.

I think that based upon the Dec. 10 Board Meeting discussions on the subject that the coring presentation offered by Dan Dunn would be an excellent fit. Bob agreed as well. Now the question for Dan is whether his presentation on coring can be 3-4 hours in length? Or do we need to find something else to add to the coring presentation and if so what would fit? Let me know your thoughts so we can get back to Bob with a definite confirmation of the session, topic and speaker(s). Thanks and Happy New Year.

Best regards,  
 Pat O'Brien

=====

National Drilling Association  
 10901D Roosevelt Blvd. N, Suite 100  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

12/29/2003

**Pat O'Brien**

---

**From:** "Jim Belgeri" <JBelgeri@smeinc.com>  
**To:** <pat@obrienintl.com>  
**Sent:** Tuesday, December 30, 2003 9:10 AM  
**Subject:** Re: NDA Sponsored Session at SEDC

Pat, and all:

It looks like there is plenty here. If you need a 30-45-minute filler, I'd be glad to discuss our Company's (no commercial reference) SPT Hammer-Operator calibration program. I think someone mentioned that Jeff Farrar from USBR would be there with that subject, so I would not want to "walk" on that if Jeff really is on the program. He is a great resource and perhaps we can get USBR into the NDA membership. I know Jeff and will take that on as a "mission" if he is there. I don't think that would be a hard sell, at all.

Happy New Year

JJB

12/30/2003

DRAFT  
(Just an idea!)

**NDA Presentation  
SEDC 2004**

**NDA Intro** – Lisa Crimaldi  
Short intro of presenters and welcome.

**Step One: Know and fulfill your licensing requirements**  
**Redvector** – Mike Vandall  
Licensing requirements for surrounding states. How Redvector will help satisfy those requirements through the NDA.

**Step Two: Safely avoid damage to utilities**  
**VacMasters** – Roger Kirwin  
Brief overview of one call systems for surrounding states. The advantages of safely air excavating prior to drilling.

**Step Three: Coring Techniques**  
**Boart Longyear** – Dan Dunn  
Coring Techniques (Need details from Dan)

**Step Four: Grouting the Boring**  
**Barroid** – Jeff Blinn  
Proper Grouting Techniques for boring abandonment and new grouting products available including thermal enhanced high solids grout for geothermal wells.  
Surrounding state requirements for boring abandonment

(We would need to confirm that everyone is available and how long each presenter needs.  
I think this type of agenda would keep everyone awake!)



**Pat O'Brien**

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**From:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**To:** <jeff.blinn@halliburton.com>  
**Cc:** <lisa@madrilling.com>; <pat@nda4u.com>  
**Sent:** Monday, January 05, 2004 8:35 AM  
**Attach:** SEDC 2004 DRAFTAgenda.doc  
**Subject:** FW: NDA Sponsored Session at SEDC

Jeff,  
 Please look at this "draft" agenda and provide any comments or questions to Lisa Crimaldi. At this time I do not think we will have enough time in the program to offer a course on coring and mud. You and I have planned the mud program, and to my knowledge this has not been changed. I will keep you posted.

Thanks,

*R. Alan Garrard*

**SCGEM - Drilling Services**

**Phone:** (478) 784-4267  
 8-650-4267

**Fax:** (478) 784-4273  
 8-650-4273

<http://powergeneration.southernco.com/depts/engineering/fh-constr-svcs/civil-field-services/cfs-default.html>

-----Original Message-----

**From:** Lisa Crimaldi [mailto:lisa@madrilling.com]

**Sent:** Monday, December 29, 2003 1:22 PM

**To:** Patrick O'Brien; mike Crimaldi; Will Acker; David Brown; David McCray; Gordon Craig; Tom Ruda; Jeff Thew; Don Ulises

**Cc:** Tom Shenosky; Tom Ruda; Patrick Replogle; Will Acker; Steve Palovchik; Mike Tiani; John Gregg; Jeff Thew; Gregg Nieto; Gordon Craig; Don Ulises; Denis Despres; David Neibert; Garrard, R. Alan; Larry Gibel; Larry Deutsch; John Martinuzzi; Jim Howe; Jim Belgeri; Gary Geldhof; David McCray; David Brown; Conrad Iandola; Bill Knorr; Alan Livadas; Dan Dunn

**Subject:** Re: NDA Sponsored Session at SEDC

Hi again,

I guess I had a different view. Please see attachment and comment. Just an idea!

Lisa A. Crimaldi

Mid-America Drilling Services, Inc., President

National Drilling Association, President

630-365-0600 phone

630-365-1650 fax

----- Original Message -----

**From:** Patrick O'Brien

**To:** mike Crimaldi ; Will Acker ; David Brown ; David McCray ; Gordon Craig ; Tom Ruda ; Jeff Thew ; Don Ulises

**Cc:** Tom Shenosky ; Tom Ruda ; Patrick Replogle ; Will Acker ; Steve Palovchik ; Mike Tiani ; Lisa Crimaldi ; John Gregg ; Jeff Thew ; Gregg Nieto ; Gordon Craig ; Don Ulises ; Denis Despres ; David Neibert ; Alan Garrard ; Larry Gibel ; Larry Deutsch ; John Martinuzzi ; Jim Howe ; Jim Belgeri ; Gary Geldhof ; David McCray ; David Brown ; Conrad Iandola ; Bill Knorr ; Alan Livadas ; Dan Dunn

**Sent:** Monday, December 29, 2003 12:16 PM

**Subject:** Re: NDA Sponsored Session at SEDC

All of these could be good presentations. The rock coring and mud presentations are more along the generic lines (i.e. no commercial intent-just the subject matter). RedVector.com and Vacmasters presentations would be more along the lines of commercial pitches that might not be what SEDC wants for basic driller training. I've had RedVector.com do several presentations for different groups and they have always come across as sales pitches. So if we can have them focus on driller training and not RV that would be fine. I also think that from an image standpoint it would be better for

NDA to have one or two good speakers than to parade 3 or 4 short presentations. Plus it will be easier to get CE credit. But all these options are good so lets keep the discussions going and let everyone be part of the process.—Pat

----- Original Message -----

**From:** mike Crimaldi

**To:** Patrick O'Brien ; Will Acker ; David Brown ; David McCray ; Gordon Craig ; Tom Ruda ; Jeff Thew ; Don Ulises  
**Cc:** Tom Shenosky ; Tom Ruda ; Patrick Replogle ; Will Acker ; Steve Palovchik ; Mike Tiani ; Lisa Crimaldi ; John Gregg ; Jeff Thew ; Gregg Nieto ; Gordon Craig ; Don Ulises ; Denis Despres ; David Neibert ; Alan Garrard ; Larry Gibel ; Larry Deutsch ; John Martinuzzi ; Jim Howe ; Jim Belgeri ; Gary Geldhof ; David McCray ; David Brown ; Conrad Iandola ; Bill Knorr ; Alan Livadas ; Dan Dunn

**Sent:** Monday, December 29, 2003 12:52 PM

**Subject:** Re: NDA Sponsored Session at SEDC

Roger Kirwin of VacMaster was contacted regarding helping us out for SEDC. He can do a presentation on the Air Vac System. Keep that in mind also if that helps fill up some time. If you need me to pursue this option let me know. Also, remember that we asked Redvector to speak on behalf of the NDA to introduce his program. We need to decide the best way to proceed. Any thoughts?

----- Original Message -----

**From:** Patrick O'Brien

**To:** Will Acker ; David Brown ; David McCray ; Gordon Craig ; Tom Ruda ; Jeff Thew ; Don Ulises  
**Cc:** Tom Shenosky ; Tom Ruda ; Patrick Replogle ; Will Acker ; Steve Palovchik ; Mike Tiani ; Lisa Crimaldi ; John Gregg ; Jeff Thew ; Gregg Nieto ; Gordon Craig ; Don Ulises ; Denis Despres ; David Neibert ; Alan Garrard ; Larry Gibel ; Mike Crimaldi ; Larry Deutsch ; John Martinuzzi ; Jim Howe ; Jim Belgeri ; Gary Geldhof ; David McCray ; David Brown ; Conrad Iandola ; Bill Knorr ; Alan Livadas ; Dan Dunn

**Sent:** Monday, December 29, 2003 9:48 AM

**Subject:** NDA Sponsored Session at SEDC

Bob Henthorne (KSDOT) and I spoke today about NDA's participation in the March 29-31, 2004 (dates have not changed to April) SEDC. We confirmed that NDA will sponsor the session on Monday, March 31, 2004 from 1:00-5:00 PM. I asked Bob about the audience and what he wanted, so that NDA could provide them with the best presentation possible. He confirmed that the primary audience is drillers and drillers helpers, with a small representation by geologists and engineers. He said that much of the other SEDC presentations will focus on the basics as there are many new drillers and drillers helpers who need this information. He also said that safety would be a heavy focus.

I think that based upon the Dec. 10 Board Meeting discussions on the subject that the coring presentation offered by Dan Dunn would be an excellent fit. Bob agreed as well. Now the question for Dan is whether his presentation on coring can be 3-4 hours in length? Or do we need to find something else to add to the coring presentation and if so what would fit? Let me know your thoughts so we can get back to Bob with a definite confirmation of the session, topic and speaker(s). Thanks and Happy New Year.

Best regards,  
 Pat O'Brien

=====  
 National Drilling Association  
 10901D Roosevelt Blvd. N, Suite 100  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

**Pat O'Brien**

---

**From:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**To:** "Pat O'Brien" <pat@obrienintl.com>; "Lisa Crimaldi" <lisa@madrilling.com>  
**Cc:** <jeff.blinn@halliburton.com>; <jbelgeri@smeinc.com>; <relop@lrkimball.com>  
**Sent:** Monday, January 05, 2004 10:59 AM  
**Subject:** RE: NDA Presentation at SEDC

I think it would improve communication and coordination activities. Jeff Blinn with Baroid met with me after our Board meeting, and we have been in touch, and he has agreed to present a mud course which would be scheduled to last about 4 hours. This amount of time is necessary to do the topic justice. I like Lisa's idea of her starting the program off with opening remarks about the NDA, and she could possibly close the program as well. That being said, I truly appreciate any support and assistance from those interested.

*R. Alan Garrard*

**SCGEM - Drilling Services**

**Phone:** (478) 784-4267

8-650-4267

**Fax:** (478) 784-4273

8-650-4273

<http://powergeneration.southernco.com/depts/engineering/fh-constr-svcs/civil-field-services/cfs-default.html>

-----Original Message-----

**From:** Pat O'Brien [mailto:pat@obrienintl.com]

**Sent:** Monday, January 05, 2004 10:39 AM

**To:** Lisa Crimaldi

**Cc:** Garrard, R. Alan

**Subject:** Fw: NDA Presentation at SEDC

Lisa—Since NDA has an SEDC Committee and you have appointed Alan Garrard as its Chairperson, I would like to have Alan take the lead and provide his recommendations since he has been involved with SEDC for many years.

Alan, your input?—Pat

----- Original Message -----

**From:** Lisa Crimaldi

**To:** Patrick O'Brien

**Sent:** Wednesday, December 31, 2003 5:53 PM

**Subject:** Fw: NDA Presentation at SEDC

Please read below. We need to finalize this.

Mike says we should consider the Jim Belegri option too.

Lisa A. Crimaldi

Mid-America Drilling Services, Inc., President

National Drilling Association, President

630-365-0600 phone

630-365-1650 fax

----- Original Message -----

**From:** Dunn, Dan

**To:** lisa@madrilling.com

**Sent:** Wednesday, December 31, 2003 2:18 PM

**Subject:** NDA Presentation at SEDC

Hi Lisa, Thank you very much for the forklift I really do like that. By the way, has Mike hooked his JJKeller forklift up to propane or is he running it on diesel? I appreciate the card also. Hope that you and your family all had a good Christmas and will enjoy a happy and successful New Year.

1/6/2004

As for the SEDC presentation; looks like a Core Drilling Presentation will have to start from scratch. The advantage of this is I can tailor it to the audience and the amount of time allotted. I like your recommendation of the four presentations; this will give variety to the four hours sponsored by the NDA. It is very difficult to maintain anyone's interest if the four hours cover only one subject, even if there are breaks in that time. Remember, as I understand it, participation is voluntary. I could put together a 1 hour continuous core drilling presentation if that will be satisfactory. Slightly longer if needed.

Other subject: What is the deadline for submitting the article for the next edition of NDA Drill Bits?

Regards,  
Dan

**Pat O'Brien**

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**From:** "Lisa Crimaldi" <lisa@madrilling.com>  
**To:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**Cc:** "Jeff Blinn" <jeff.blinn@halliburton.com>; "Patrick O'Brien" <pat@obrienintl.com>  
**Sent:** Tuesday, January 06, 2004 1:35 PM  
**Subject:** Re: NDA Sponsored Session at SEDC

Alan,

Of course I am not upset with you!! I think having Jeff Blinn do the program is a wonderful idea! I just wish I would have known that you buttoned it up. I think Pat and I did not realize that. Again, I am very glad to have Jeff do the program as I know we will be very proud of the results. I am also hoping that Jeff can help us out with an NDA training program sometime in the future. Do you agree that the NDA will benefit from a training program? I would like to give it a try. Hoping that Dan Dunn, Roger Kirwin, Geoprobe and anyone else etc. could also help us out. As far as opening the program. We can discuss. I think you should have the honor because you are the SEDC chair and have made this happen for the NDA. You are a very valuable asset to the NDA and you speak from the heart. I would be happy to talk to you further and we can come up with a plan!! I look forward to participating in Jeff's program. His enthusiasm is refreshing!! P/S Are you familiar with Kansas or surrounding state CEU requirements. I think you should try to have the course approved for continuing Ed, if you have not already done so. HAPPY NEW YEAR!

Lisa A. Crimaldi  
 Mid-America Drilling Services, Inc., President  
 National Drilling Association, President  
 630-365-0600 phone  
 630-365-1650 fax

1-6-03 BOB HENTHORNE 785-291-3860

• LIFT UM

• MO, SD, ND, KS - SURROUNDING STATES

• ROBERTH@KSDOT.ORG

**Pat O'Brien**

---

**From:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**To:** "Lisa Crimaldi" <lisa@madrilling.com>; "Patrick O'Brien" <pat@obrienintl.com>  
**Cc:** <jeff.blinn@halliburton.com>  
**Sent:** Monday, January 05, 2004 5:34 PM  
**Subject:** RE: NDA Sponsored Session at SEDC

Hey Lisa,

I suggest that we do strictly a mud program, which to do it justice will take 3 1/2 to 4 hours. Jeff Blinn has agreed to present this program, and it is a program that the SEDC makes request for every year. I think that your idea of opening the program is fantastic! You would certainly have time to touch on what the NDA is doing, and topics such as Red Vector could be mentioned during that time. I would suggest that you make a closing statement as well to thank the SEDC as well as those that attended the program. The NDA's part in the SEDC is to offer a one topic drilling program that can be a half day or a full day. The remainder of the SEDC program consist of 30 minute to 1 hour talks on various subjects. These subjects are general in nature, and are not used to market a company or product. I hope this helps, and please do not hesitate to contact me should you have any questions or comments. I am on the road the remainder of this week, so please call me on my mobile phone (334-426-1898) should you need to reach me. Happy New Year...and I hope that you are not upset with me.

Alan

-----Original Message-----

**From:** Lisa Crimaldi [mailto:lisa@madrilling.com]  
**Sent:** Monday, January 05, 2004 10:39 AM  
**To:** Garrard, R. Alan; Patrick O'Brien  
**Subject:** Re: NDA Sponsored Session at SEDC

So Alan, what are you saying?

Are we doing strictly a mud program? This is absolutely fine with me. It just seems very confusing at this point. Please clarify ASAP.

Lisa A. Crimaldi  
Mid-America Drilling Services, Inc., President  
National Drilling Association, President

**Pat O'Brien**

---

**From:** "Pat O'Brien" <pat@obrienintl.com>  
**To:** "Bob Henthorne" <robereth@ksdot.org>  
**Cc:** "Lisa Crimaldi" <lisa@madrilling.com>; "Alan Garrard" <ragarrar@southernco.com>  
**Sent:** Tuesday, January 06, 2004 5:42 PM  
**Attach:** SEDC\_NDA.xls  
**Subject:** NDA Mail List

Bob—Hi again. Attached is an Excel file with the leads from the surrounding states as promised. I spoke with Alan Garrard (NDA Past President and SEDC Committee Chair) and he confirmed that NDA will sponsor the break during our afternoon session. Alan also promised to get you the title for the NDA presentation by Monday when he is back in the office. The speaker and topic have already been lined up. Let me know if you need anything else.

Best regards,  
Pat O'Brien

=====  
National Drilling Association  
10901D Roosevelt Blvd. N, Suite 100  
St. Petersburg, FL 33716  
727-577-5006 Fax: 727-577-5012  
e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

**Pat O'Brien**

---

**From:** "Robert Henthorne" <RobertH@ksdot.org>  
**To:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**Cc:** <jeff.blinn@halliburton.com>; <lisa@madrilling.com>; <pat@nda4u.com>; <jbelgeri@smeinc.com>; <relop@lrkimball.com>; "Randy Billinger" <RandyB@ksdot.org>  
**Sent:** Thursday, January 08, 2004 1:04 PM  
**Subject:** RE: NDA and SEDC

Jeff, Alan, I think this sounds like a very timely topic. Jeff please send me the title of your presentation. Thanks Bob

-----Original Message-----

**From:** Garrard, R. Alan [mailto:ragarrar@southernco.com]  
**Sent:** Thursday, January 08, 2004 11:00 AM  
**To:** Robert Henthorne  
**Cc:** jeff.blinn@halliburton.com; lisa@madrilling.com; pat@nda4u.com; jbelgeri@smeinc.com; relop@lrkimball.com  
**Subject:** FW: NDA and SEDC

Bob,

Please let Jeff Blinn and I know if his proposed presentation meets with your expectations. I have also ask that Jeff provide a name for his program. The NDA again looks forward to supporting the SEDC.

## R. Alan Garrard

**SCGEM - Drilling Services**

**Phone:** (478) 784-4267  
 8-650-4267

**Fax:** (478) 784-4273  
 8-650-4273

<http://powergeneration.southernco.com/depts/engineering/fh-constr-svcs/civil-field-services/cfs-default.html>

-----Original Message-----

**From:** Jeff Blinn [mailto:Jeff.Blinn@Halliburton.com]  
**Sent:** Wednesday, January 07, 2004 9:05 AM  
**To:** Garrard, R. Alan  
**Subject:** NDA and SEDC

Alan,

As for a presentation, I can fill any time from ½ hour to all day. The 1:00 to 5:00 time would be perfect for the following idea. Since the audience is mostly drillers and helpers I have a presentation on choosing a drilling fluid based on the conditions expected. This starts with the basics and should help everyone understand what the fluid can do to help their drilling projects and why we recommend particular types of products. This takes about 1 ½ hours to 2 hours depending on questions. After this portion I would like to address grouting and effective sealing of the borehole. This is applicable to all drilling disciplines and includes sealing around casings, grouting heatloop installations, and well abandonment. This also takes 1 ½ to 2 hours and fits well with the first discussion.

With opening and closing remarks and a few short breaks I think this would fill our time effectively and give our audience some good information. And these presentations can be given as generic information and not as a sales pitch for Baroid products.

Let me know if this is what you have in mind, or if some other scenario would be more appropriate.

1/8/2004



Jeff Blinn  
Senior Field Sales Representative  
Baroid Industrial Drilling Products  
817-271-6148  
[jeff.blinn@halliburton.com](mailto:jeff.blinn@halliburton.com)

**Pat O'Brien**

---

**From:** "Pat O'Brien" <pat@obrienintl.com>  
**To:** "Todd Bumgardner" <TBumgardner@mail.bbcm.com>  
**Cc:** "Lisa Crimaldi" <lisa@madrilling.com>; "Alan Garrard" <ragarrar@southernco.com>  
**Sent:** Thursday, January 08, 2004 1:38 PM  
**Subject:** Re: SEDC

Hi Todd—We are working with Robert Henthorne at Kansas DOT who is organizing the SEDC program. Not sure how far along they are with the overall program, but you could contact Bob to see what he can tell you. His e-mail is [roberth@ksdot.org](mailto:roberth@ksdot.org). As soon as we have the program info we will notify NDA members.

Best regards,  
 Pat O'Brien

=====

National Drilling Association  
 11001 Danka Way North, Suite 1 [new address effective 1/26/2004]  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

----- Original Message -----

**From:** Todd Bumgardner  
**To:** [info@nda4u.com](mailto:info@nda4u.com)  
**Sent:** Thursday, January 08, 2004 10:39 AM  
**Subject:** SEDC

Would the NDA have any information on the this years meeting agenda or past agenda's that would give me an idea of the topics and information covered during the three day event. The web site for SEDC has not been updated recently and Duane is unavailable until next week.

Thanks,  
 Todd

1-27-04 BOB HENTHORNE 785-291-3860

• NO QUS - TOO LATE ?

**Pat O'Brien**

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**From:** "Robert Henthorne" <RobertH@ksdot.org>  
**To:** "Pat O'Brien" <pat@obrienintl.com>  
**Sent:** Tuesday, February 03, 2004 2:17 PM  
**Attach:** SEDC Registration Brochure.doc  
**Subject:** RE: SEDC Schedule of Events

Pat, Sorry for the delay in getting back to you, The booths are 120.00 which includes chairs and electricity. The room is reserved for the NDA 4 hour session. If you would like to hold a separate meeting the contact person is Kim McPherson Phone 785-235-0489 Fax 785-431-4733. I will allow you to set up the type of break you wish to provide. She can give you the costs and break down.

I have attached the agenda and reg. info as it is at this time the official copy will be mailed out on Friday of this week.

Hope this helps, and once again sorry for the delay. We have had over 9 inches of snow on top of ½ inch of ice.

Bob

-----Original Message-----

**From:** Pat O'Brien [mailto:pat@obrienintl.com]  
**Sent:** Monday, February 02, 2004 3:51 PM  
**To:** Robert Henthorne  
**Cc:** Alan Garrard; Don Ulses  
**Subject:** Fw: SEDC Schedule of Events

Bob--Anything you can tell me on the schedule for SEDC next March? Even if it is not finalized yet we could at least get our planning started for the NDA Board & Committee meetings. Thanks for your help.

Best regards,  
 Pat O'Brien, Executive Director

---

National Drilling Association  
 11001 Danka Way North, Suite 1  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

----- Original Message -----

**From:** Pat O'Brien  
**To:** Bob Henthorne  
**Sent:** Tuesday, January 27, 2004 6:19 PM  
**Subject:** SEDC Schedule of Events

Hi Bob--I know that NDA will be doing a 4-hour session from 1:00-5:00 PM on Monday, March 29, 2004 for SEDC. The NDA Board & Committees also plan to come to Topeka and meet during the SEDC as well. However, we want to make sure to schedule any meetings so they do not conflict with any SEDC events. Wonder if you have firmed up the schedule of events so that we could proceed with scheduling our meetings? Please let me know where you stand as soon as possible. Can you also let me know your sales contact at the Capitol City Plaza Hotel so that I can contact them to arrange meeting room space for the NDA meetings. Thanks for your help.

Best regards,  
 Pat O'Brien, Executive Director

---

National Drilling Association  
 11001 Danka Way North, Suite 1  
 St. Petersburg, FL 33716  
 727-577-5006 Fax: 727-577-5012  
 e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

2/5/2004

**Pat O'Brien**

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**From:** "Pat O'Brien" <pat@obrienintl.com>  
**To:** "Don Ulises" <heberdon@qwest.net>  
**Cc:** "Alan Garrard" <ragarrar@southernco.com>  
**Sent:** Wednesday, February 04, 2004 10:31 AM  
**Attach:** Agen0304.doc  
**Subject:** SEDC

Don—Sorry about sending the last message with out some notes. I am home sick and trying to get a bit of work done. Send the message before I was ready.

As you can see from the SEDC schedule there is not much chance to hold and meetings during the SEDC program. I had thought that if there were some spots we could schedule some committee meetings. If we start on Wednesday and go through until Thursday, I really wonder if people will stick around that long. If they get there on Monday AM and have to stay through Thursday that will be asking them to stick around a long time. The good part about holding our meetings with another event is that people can combine two events in one trip. But the unfortunate side is that it makes for an extended stay. Maybe we could have people arrive on Sunday and have all the committee meetings on Monday AM and then have the Board Meeting after the 1:00-5:00 PM NDA presentation for SEDC. I'm just throwing out ideas here as I don't see any great strategy that will work. Your thoughts? Draft agenda for the Board Meeting is attached for you to modify as necessary. I also have an additional complication in that I have tickets to leave on April 2 for a meeting in Europe, so I will have to be back home on the evening of April 1.

Best regards, Pat

**Pat O'Brien**

---

**From:** "Pat O'Brien" <pat@obrienintl.com>  
**To:** "Randy Billinger" <RandyB@ksdot.org>  
**Cc:** "Don Ulises" <heberdon@qwest.net>  
**Sent:** Wednesday, March 17, 2004 1:16 PM  
**Attach:** Bio Jeff Blinn.doc; PR.doc  
**Subject:** Re: SEDC bio

Randy—Attached are 2 files:

- 1) Bio for Jeff Blinn who will present
- 2) NDA PR blurb

Let me know if you need anything else.

Best regards,  
Pat O'Brien, Executive Director

=====

National Drilling Association  
11001 Danka Way North, Suite 1  
St. Petersburg, FL 33716  
727-577-5006 Fax: 727-577-5012  
e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

----- Original Message -----

**From:** Randy Billinger  
**To:** [Pat@nda4u.com](mailto:Pat@nda4u.com)  
**Sent:** Friday, March 12, 2004 10:22 AM  
**Subject:** SEDC bio

Patt,

Sorry for the short notice, but this just came up.

I need a short bio from each presenter at SEDC. Some of the other states Boards for Licensure require a bio for each presenter before the SEDC clinic can be counted for continuing education credit for license renewal. Could you send me a brief bio on the NDA and maybe the presenter? Include education, degree, work experience, and any other info you would like.

Please email me your bio as soon as possible or fax it to 785-296-2526 attention Randy Billinger.

Thank you,

Randy Billinger

Topeka Regional Geologist

Capitol Plaza Hotel  
Banquet Ticket  
Page One of One

Group: SEDC/Shallow Exploration Clinic  
Contact: RANDALL BILLINGER  
2300 Van Buren  
Materials & Research Center  
Topeka, KS 66611  
Phone: (785) 291-3862  
Fax: ( ) -

Billing: direct bill pending  
Comments: Group KM/CC

meeting dates 3/29 - 3/31

Printed on 03/29/2004 @ 1:18:07pm

Date	Event #	From - To	Event Type	Room	Guarantee
03/29/04	71402	07:00am-12:00am	Exhibits	Emerald IV & V	170

<u>Item</u>	<u>Qty</u>	<u>Cost</u>	<u>Total</u>
Executive PM Break <u>Food</u>	170	6.95	1181.50
Food Subtotal:			1181.50
Svc Charge: 20.000%			236.30
Sales Tax: 7.200%			85.07
Svc Charge Tax: 7.200%			17.01
Total Event Charges:			1181.50
Total Service Charges:			236.30
Total Taxes:			102.08
Check Total:			1519.88
Less Deposit Paid:			0.00
Grand Total:			1519.88

Monday Afternoon break 1519.88

Exhibitors table

~~120.00~~

PER E-MAIL FROM

RANDY BILLINGER

4-19-04

total \$ ~~1639.88~~

\$1,519.88

Client's Approval: \_\_\_\_\_ Date: \_\_\_\_\_

**Pat O'Brien**

---

**From:** "Randy Billinger" <RandyB@ksdot.org>  
**To:** "Pat O'Brien" <pato@obrienintl.com>  
**Sent:** Monday, April 19, 2004 10:43 AM  
**Subject:** RE: NDA Support

Hi Pat,  
We had you down as wanting a table. There may have been some confusion on our part. We will cover the cost of the table, no problem. We were wondering what happened and there was no material for NDA. Now I know. Sorry for this mix up. Please send the check for the break payable to SEDC to:

Randy Billinger  
KDOT  
2300 SW Van Buren  
Topeka Ks 66611

Again, thank you for your support.  
Take care Pat.  
Randy Billinger

-----Original Message-----

**From:** Pat O'Brien [mailto:pato@obrienintl.com]  
**Sent:** Wednesday, April 14, 2004 4:01 PM  
**To:** Randy Billinger  
**Cc:** Don Ulises; Alan Garrard  
**Subject:** NDA Support

Randy--I am just back from a trip overseas and have reviewed the invoice you sent for NDA support at March SEDC in Topeka. I know that we agreed to sponsor the break and since we did not find a manufacturer to pick up this tab we will pay the \$1,519.88.

However, I wanted to ask about the \$120.00 for the exhibitors table. I was not aware that we had a table. Had we known that we would have an exhibitors table, we would have sent NDA materials to distribute. But we were only aware that we were supplying a speaker (Jeff Blinn) for the 4-hour Monday afternoon training session and did not sign-up for a booth. So this charge would seem to be in error. Can you please confirm this before I send payment.

We are please to hear that our session received an A+ rating and we are invited to sponsor future training sessions. Thanks.

Best regards,  
Pat O'Brien, Executive Director

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National Drilling Association  
11001 Danka Way North, Suite 1  
St. Petersburg, FL 33716  
727-577-5006 Fax: 727-577-5012  
e-mail: [pat@nda4u.com](mailto:pat@nda4u.com)

4/20/2004

# Kansas Department of Transportation

Bureau of Materials and Research

Materials and Research Center

2300 S.W. Van Buren

Topeka, KS 66611-1195

(785) 296-2231

Facsimile Cover Sheet

Date: 4-2-04

To: Pat O'Brien

Fax: 727-577-5012

From: Randy Billinger

Fax: (785) 296-2526

Total number of pages including cover sheet 3

Message:

See Attached memo + Fee charges.

Thank you, Pat  
Randy

All pages transmitted will be considered  
received unless we are notified otherwise.

Please call (785) 296-2231 if you have a problem.



Pat,

We want to thank you and NDA for your support for the 2004 SEDC. The clinic went very well with some great exhibitors and great talks. The SEDC has received an A+ rating from the hotel and SEDC is invited to hold this event in any of their facilities. The hotel in Topeka will give SEDC an excellent rating.

Attached are the fees that NDA owes SEDC for this event. Please send the check to:

SEDC  
c/o Randy Billinger  
KDOT  
2300 SW Van Buren  
Topeka, KS 66611

If you have any questions, call me at 785-291-3862 or email me at [randyb@ksdot.org](mailto:randyb@ksdot.org)  
Once again, thank you for helping to make SEDC 2004 such a success.

Sincerely,  
Randy Billinger  
Topeka Regional Geologist  
KDOT

**Pat O'Brien**

---

**From:** "Pat O'Brien" <pato@obrienintl.com>  
**To:** "Don Ulises" <heberdon@qwest.net>  
**Sent:** Tuesday, January 11, 2005 5:07 PM  
**Subject:** SEDC April 12-14, 2005 (Memo 05-04)

**To: NDA Board & Committee Members**

I spoke with Duane Eversoll regarding NDA's sponsorship for the 2005 SEDC in Lincoln, Nebraska that will be held April 12-15, 2005. SEDC would like NDA to sponsor the session on Tuesday, April 12th from 9:00 AM-12:00PM. Last year's mud course was very well received and Duane suggested that this year's session be on mud again. The Nebraska Department of Health is currently conducting a Grout Study and they will present at the 2005 SEDC. So a mud course will fit well in the program. If everyone is in concurrence, I will ask Jeff Blinn of Baroid if he is willing to present again on April 12th.

Duane also asked about sponsorship for the morning break during this session. In the past NDA manufacturer members have paid for this expense. However, last year NDA manufacturers were asked by SEDC to sponsor other functions and therefore NDA had to pick up the tab (~\$1,500). I told Duane that funds were tight and that I would see if we can find a sponsor. If anyone has any ideas please let me know.

The 2005 SEDC session will celebrate the 40th Anniversary. Visit the SEDC Web site at <http://sedc.unl.edu/> for more information.

Best regards,  
Patrick O'Brien, Executive Director

=====

National Drilling Association  
11001 Danka Way North, Suite 1  
St. Petersburg, FL 33716  
Tel: 727-577-5006, Fax: 727-577-5012

NDA Annual Meeting March 17-18, 2005  
Las Vegas with CONEXPO-CON/AGG Exhibition

**Pat O'Brien**

---

**From:** "Garrard, R. Alan" <ragarrar@southernco.com>  
**To:** <heberdon@qwest.net>; <pato@obrienintl.com>  
**Cc:** <replop@lrkimball.com>  
**Sent:** Tuesday, October 05, 2004 10:25 AM  
**Subject:** 2005 SEDC

Don/Pat:

Duane Eversoll contacted me in reference to the upcoming 2005 SEDC. It will be held in Lincoln, Nebraska on April 12 - 14. He asked if the NDA would continue it's support of providing a half day training session, and if so, the session would be scheduled for the morning of April 12. Duane should be contacted as soon as possible should the NDA decide not to continue sponsoring this program. If the NDA will continue it's sponsorship, Duane needs to know what the NDA program will be, all related information such as speaker and topic, so this can be included in the brochure that is scheduled to be mailed out in early November.

Duane is the coordinator for the 2005 SEDC. He can be reached at the following:

E-Mail: [DEVERSOLL2@UNL.EDU](mailto:DEVERSOLL2@UNL.EDU)  
Phone: (402) 472-7524

I know that I have been out of touch for a while, and I plan to contact each of you and get caught back up on what is going on. My plans are to continue supporting the NDA, but my support will be limited due to departmental cost issues and time that I will be allotted to attend outside seminars, training programs, and so on. I will not be able to attend the December 2-3 Board meeting due to my departments current calendar of scheduled departmental meetings. I have however scheduled to attend the March 17-18 Annual meeting...and this will keep me from attending the April 2005 SEDC. Anyway, we can discuss in more length over the phone.

Thanks,

R. Alan Garrard  
SCGEM - Drilling Services  
Phone: (478) 784-4267  
8-650-4267  
Fax: (478) 784-4273  
8-650-4273

> <http://powergeneration.southernco.com/depts/engineering/fh-constr-svcs>  
> /civil-field-services/cfs-default.html  
>



**40<sup>th</sup> Annual Shallow Exploration Drillers Clinic**  
**April 12 - 14, 2005**  
**Lancaster Event Center, 4100 North 84<sup>th</sup> St., Lincoln, Nebraska**

The 40<sup>th</sup> annual Shallow Exploration Drillers Clinic (SEDC) will be held April 12 - 14, 2005 at the Lancaster Event Center, Lincoln, Nebraska (see map). This clinic is designed to assist those engaged in exploratory drilling and is directed towards drillers, field supervisors, geologists and engineers engaged in investigating and sampling earth material and ground water.

Monday, April 11 <sup>th</sup>	Exhibit and Drill Rig Set-up - 12:00 noon - 5:00 pm
Tuesday, April 12 <sup>th</sup>	Exhibit and Drill Rig Set-up - 7:00 am - 9:00 am Exhibit Area Open - 10:00 am - 10:30 am, 12:00 noon - 1:00 pm, 2:30 pm - 3:00 pm, 5:00 pm - 6:00 pm
Wednesday, April 13 <sup>th</sup>	Exhibit Area Open - 7:00 am - 8:30 am, 10:00 am - 10:30 am, 12:00 noon - 1:30 pm, 3:00 pm - 3:30 pm, 5:00 pm - 6:00 pm
Thursday, April 14 <sup>th</sup>	7:00 am - 1:00 pm - Exhibit Area Open 8:00 am - 12:00 noon - Live, Indoor Drilling Demonstrations

We invite you to attend the Clinic and to display your products and drilling rigs. Both inside and outside space will be available to showcase your products. Inside space includes table(s) for displaying small equipment and hand-out materials. Tables will be provided along with electrical hookups(if needed and noted on your registration). A special opportunity exists this year as inside space will also be available in an adjacent large arena to demonstrate small and large drilling rigs up to 25 feet high \*(see additional measurements on attached reservation form). The drilling demonstrations inside may include test holes not over 20 feet in depth. Each manufacturer will be responsible to properly fill-in or plug their holes. Bentonite materials will be provided and there will be an SEDC Local Committee member who will oversee these procedures to make sure state regulations are met and holes are firmly packed. Outside space in a lot adjacent to the exhibit hall will be available in case the inside space becomes full or if you would like to display your equipment outside. The inside spaces will be saved on a first come basis.

The Clinic relies on contributions from exhibitors to help keep the registration costs down to enhance attendance. We are requesting a minimum donation of \$120 per table for inside demonstration space. **As in the past all individuals staffing booths must register for the Clinic.** If you are interested in helping to support the 2005 SEDC and reserving space, please return the enclosed registration form. Make your reservation early as space will be allotted on a first come first served basis. Your company name and sponsorships will be included on the Clinic's program announcement if received by February 21, 2005.

For additional information about our host facility: [www.lancastereventcenter.com](http://www.lancastereventcenter.com)  
SEDC updates can be found at: [sedc.unl.edu](http://sedc.unl.edu)

Sincerely,  
Shallow Exploration Drillers Clinic  
Local Planning Committee



**40<sup>th</sup> Annual Shallow Exploration Drillers Clinic**  
**April 12 - 14, 2005**  
**Lancaster Event Center, 4100 North 84<sup>th</sup> St., Lincoln, Nebraska**

**Exhibitor Registration**

Company Name _____		
Address _____		
City/State/Zip _____		
Phone/Email _____		
Name(s) of registrants _____		
_____		
_____		
_____		
Total number of Clinic registrants	_____ @ \$80.00	\$ _____
<i>Registration(s) required for exhibit space</i>		
Exhibit Registration Minimum Donation	_____ @ \$120.00	\$ _____
First table	_____ @ No Charge	\$ NC
Additional table(s)	_____ @ \$60.00	\$ _____
Indoor Drill Rig or Equipment Display	_____ @ No Charge	\$ NC
Outdoor Drill Rig or Equipment Display	_____ @ No Charge	\$ NC
Electrical hook-up required at table?	_____ Yes _____ No	\$ NC
Late Registration, add \$15.00 per registrant	_____ @ \$15.00	\$ _____
(Postmarked after April 1 <sup>st</sup> )		
<b>Total Registration</b>		\$ _____
<b>Yes, I would like to sponsor a coffee or afternoon break for Clinic Attendees!</b>		
Named Sponsor morning or afternoon break	_____ @ \$650.00	\$ _____
Named Co-sponsor morning or afternoon break	_____ @ \$350.00	\$ _____
<b>Total Amount Enclosed</b>		\$ _____

**Payment Methods**

- ☐ Check included made payable to Shallow Exploration Drillers Clinic (SEDC)  
Federal Id No. 47-6024999
- ☐ Check to follow under separate cover
- ☐ Master Card/ Visa No. \_\_\_\_\_ Exp. Date \_\_\_\_\_  
Name on Card \_\_\_\_\_ Telephone \_\_\_\_\_  
Signature \_\_\_\_\_

Lancaster Event Center is located in far North East Lincoln, 4100 North 84<sup>th</sup> Street,  
approximately 1 mile South of Interstate 80, exit # 409.

Tradeshow and classroom: 199' x 85', ceiling height 25', door 12' x 14' wide  
Arena (Indoor Drilling Demos): 106' x 220', ceiling height 25', door 20' x 30' wide

Approximate dimensions of your Indoor Drill Rig(s) or Equipment Display(s)  
required for all exhibits other than tables

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Mail Registration to: SEDC, Attention: Jacki Loomis  
102 Nebraska Hall, Lincoln, NE 68588-0517  
phone # 402-472-7550, fax # 402-472-4608, email: jvogel2@unl.edu

**Monday, April 11th**  
Exhibit Area & Equipment  
Set-up (Exhibitors only)

**Tuesday, April 12th**  
Exhibit Area Open  
10:00 am - 10:30 am, 12:00 noon - 1:00 pm,  
2:30 pm - 3:00 pm, 5:00 pm - 6:00 pm

7:00-9:00 **Exhibit Area & Equipment Set-up**  
7:00-5:00 **Registration Desk Open**  
9:00-12:00 **NDA Workshop - Drilling Muds Coffee Break - Sponsored by Boart Longyear**  
12:00-1:00 **Lunch on your own**  
1:00 **SEDC Clinic begins - Jim Kearney Presiding**

1:00-1:30 **Innovations from Diedrich, Tom Ruda, Diedrich Drill Systems, LaPorte, IN**  
1:30-2:00 **Sizing Gravel Pack and Screens, John Stuchlich, Titan Industries, Aurora, NE**

2:00-2:30 **Geoprobe Equipment & Tooling Break**  
2:30-3:00 **New Products from Wyo-Ben, Stewart Krause, Wyo-Ben, Kingwood, TX**

3:00-3:30 **Boart Longyear Drilling Products Underground Utilities, Lance Loschen, Nebraska One-Call, Lincoln, NE**  
3:30-4:00 **Pavement Core Drilling, Richard Clarke-Simco Drilling, Inc. Osceola, IA**

4:30-5:00

9:00-9:30

9:30-10:00

10:00-10:30  
10:30-11:00

11:00-11:30  
11:30-12:00

12:00-1:30  
1:30-2:00

2:00-2:30

**Wednesday, April 13<sup>th</sup> continued**

**Slope Failure in the Pierre Shale related to NDOR Projects, Mark Lindemann, Lincoln, NE**  
**Drill Rig Safety, Richard Gotsch, CME Earth City, MO**

**Free Product Measurements, Dennis Anderson, Thiele Geotech, Inc. Omaha, NE**

**Cable Tool Drilling, Dale Robel, Geocore, Salina, KS**

**Lunch sponsored by SEDC Wireline Coring, Audie Thornburg, Thornburg Drilling, Eureka, KS**  
**Unified Soil Classification, Jim Kearney, Geological Solutions, Lincoln, NE**

**Cross Hole Sonic Logging, Mike Madehero, Colog, Lincoln, NE**  
**Break Co-Sponsored by Baroid IDP**

**Nebraska GROUT Task Force, Tom Christopherson, Nebraska Dept. Of Health, Lincoln, NE**  
**Drill Rig Maintenance, John L'Esport, EDSI, Enid OK**

**Rig Site Relations, Kris Levier, RDG, Inc. Omaha, NE**  
**Social Hour sponsored by SEDC**

**Thursday, April 14<sup>th</sup>**  
Exhibit Area Open  
8:00 am - 12:00 noon

7:00

7:00-12:30  
8:00-10:00

10:00-10:30  
10:30-12:00

12:00

For additional information contact:

Jacki Loomis

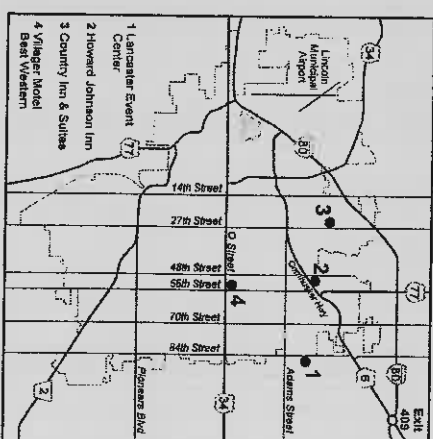
102 Nebraska Hall, Lincoln, NE 68588-0517  
phone # 402-472-7550, fax # 402-472-4608  
email: [lvogel2@unl.edu](mailto:lvogel2@unl.edu), <http://sedc.unl.edu>

**Purpose:** The 40<sup>th</sup> SEDC Clinic is designed to assist all those engaged in exploration drilling. SEDC was created to provide a forum for drillers and geotechnicians to transfer experience and technology.

**Location:** Lancaster Event Center, 4100 N. 84<sup>th</sup> Street, Lincoln, Nebraska 68507

**Registration Fee:** \$80.00 per attendee, \$15.00 late charge when postmarked after April 1st, \$120.00 per exhibit Exhibit Staff must register as attendee  
**Register 3 Attendees and the 4<sup>th</sup> is Free**  
Full refund cancellations accepted by 4/4/05

**Sponsors:** University of Nebraska - Lincoln  
Institute of Agriculture and Natural Resources School of Natural Resources  
Nebraska Geological Survey  
Nebraska Department of Roads



**Lodging:** below, or visit [www.lincoln.org](http://www.lincoln.org) for additional lodging information.

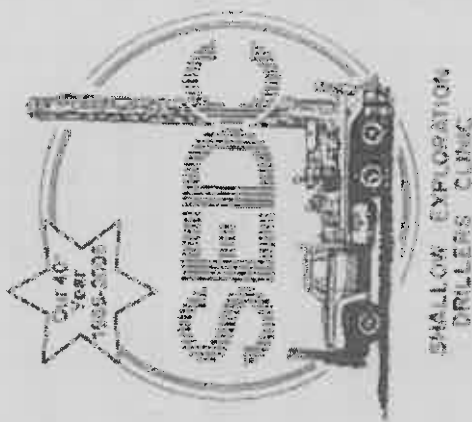
**Howard Johnson**  
5250 Cornhusker Hwy. (Hwy #2)  
402-464-3171,  
\$55.00 Single, \$65.00 Double plus 10% tax  
Reserve by 3/22/04 for SEDC rate

**Country Inn & Suites**  
5353 North 27<sup>th</sup> Street  
402-476-5353, \$72.00 plus 10% tax  
Reserve by 3/22/05 for SEDC rate

**Villager Motor Inn**  
52<sup>nd</sup> & "O" Street  
402-464-9111, \$59.00 plus 10% tax  
ask for UNTL - SEDC rate

Draft

**40<sup>th</sup> Annual  
Shallow Exploration  
Drillers Clinic  
and  
NDA Workshop  
April 12 - 14, 2005**



<http://sedc.unl.edu>

**New this Year  
Indoor Drilling Demonstrations!**

**Lancaster Event Center  
4100 North 84<sup>th</sup> St.  
Lincoln, Nebraska**

For your convenience on-line registration is available at : [snr.unl.edu/products](http://snr.unl.edu/products), select Event Registration  
Mail Registration to: SEDC, Attention: Jacki Loomis  
102 Nebraska Hall, Lincoln, NE 68588-0517 phone # 402-472-7550, fax # 402-472-4608, email: [jvogel2@unl.edu](mailto:jvogel2@unl.edu)

Company Name		Address		City/State/Zip		Phone/Email	
Register 3 attendees and the 4 <sup>th</sup> attendee is Free! (From one organization, on one form)		Registrant(s) Name (1.)		(3.)		(4.)	
						FREE	
Total number of Clinic registrants		Late Registration, postmarked after April 1 <sup>st</sup> , add \$15.00 per registrant		Exhibit Registration (Contact Jacki Loomis for information)		Total Amount Enclosed	
@ \$80.00		@ \$15.00		@ \$120.00		\$	
						\$	
						\$	
						\$	
Exp. Date		Federal Id No. 47-6024999		Master Card/ Visa No.		Name on Card	
Telephone		Signature		Check included made payable to Shallow Exploration Drillers Clinic (SEDC)		Master Card/ Visa No.	

# SEDC Newsletter

Shallow Exploration Drillers Clinic

Issue 1, September 2005

**SEDC Mission Statement:** *The purpose of each meeting is to present information that will assist all those engaged in exploration drilling in keeping abreast with new techniques and reviewing or perhaps even hearing for the first time old tried and true methods.*

**Editor's Note:** This is the first issue of the new *SEDC Newsletter*. It will be distributed annually to those on the SEDC mailing list and will be posted on the new SEDC web site (<http://sedc.unl.edu>). It is published by the School of Natural Resources, University of Nebraska-Lincoln. Any SEDC member or vendor is encouraged to contribute to the next issue. If you wish to contribute, see the instructions on page 11.



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## From the Executive Director

by Duane Eversoll, SEDC Executive Director

Welcome to the first SEDC Newsletter. The newsletter is in response to requests indicated from the 2005 SEDC meeting evaluation form. The idea of having a newsletter was rated high on the majority of the evaluations. The Steering Committee will determine how many issues will be developed for the future. We welcome your suggestions.

Thanks are in order to the SEDC Local Program Committee, who arranged a superb meeting. The large number of members and the quantity and quality of booths made the meeting a success. The inside drilling demonstrations were well received by both the audience and the manufacturers.

The success of the SEDC is made possible by having good interactions between the presenters and the audience. Excellent questions and suggestions from both sides helped to make the clinic a learning experience for everyone. It has always been the goal of the SEDC to provide a format for drillers and field personnel to exchange ideas. Through quality presentations and question/answer opportunities, everyone learns new drilling methods that will make their work easier, safer and more successful.



The SEDC web site at <http://sedc.unl.edu> provides members ongoing access to current SEDC information. Thanks to our web administrator Duane Mohlman and the SEDC Secretary Jacki Vogel-Loomis, it was possible for participants for the 2005 meeting to register and pay online. This provided an effective system for meeting attendees to register this year and made it easier to manage the meeting operations.

The 2006 meeting will be our first SEDC in Missouri. It will held in Springfield, Missouri, on April 4-6. Dale Glenn and Kevin McLain from the Missouri Department of Transportation are in charge of the meeting, and have been working since last year to make the 2006 meeting a success.

Remember to visit the SEDC web site. It will be updated as new information becomes available.

## The 40<sup>th</sup> Anniversary Clinic

by Duane Mohlman, Duane Eversoll and Jacki Loomis

### Lincoln, Nebraska

The 40th meeting of the Shallow Exploration Drillers Clinic (SEDC) returned home to Lincoln, Nebraska, for the 13th time. The three-day clinic was sponsored by the Institute of Agriculture and Natural Resources, the School of Natural Resources and the Nebraska Department of Roads. Held from April 12-14, 2005, it drew 226 participants from 20 US states (see Figure 1), as well as two from Calgary, Alberta, Canada. This year's attendance was the third highest for the annual meeting (record is 230 in 1995, held in Lincoln).

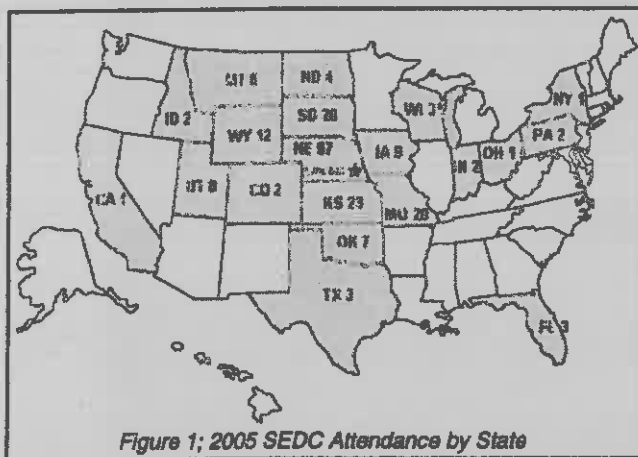


Figure 1; 2005 SEDC Attendance by State

Held at the Lancaster County Event Center, the conference included live indoor drilling demonstrations, a first for SEDC. Six companies participated in the indoor drilling demonstrations. Over twenty presentations were given during the first two days of the conference, with the third day showcasing the live indoor drilling demonstrations.

Dan Blankenau, SEDC Steering Committee member and program chair, of Coranco Great Plains, Inc., located in Wahoo, Nebraska, received many

favorable comments concerning the programs. He said: "The program was designed in the spirit of the conceptual model formulated by the founders of SEDC. That is getting people involved in shallow exploratory drilling together to meet, share experiences, and learn about new techniques, equipment and materials as they are developed by industry or private groups." Blankenau also reports that many attendees appreciated the fact that rig operators were part of the program.

Omar Qudus, Geotechnical Engineer, Materials and Research Division, Nebraska Department of Roads (co-sponsor of the event), attended the sessions. "We enjoyed listening to the new technological advances in shallow drilling the clinic provided. A comparison of others' viewpoints on problem solving techniques were beneficial to all of us. The clinic provided the opportunity for our drilling crews to meet other people in the same field. The indoor drilling demonstrations were convenient, especially because of the poor weather we had during the clinic. We also obtained some useful techniques and ideas from exhibitors, agencies, and drilling firms that we can apply in our own unit. The demonstrations on the use of geoprobes and rotary drilling equipment were of special interest to us. The review of drilling safety was also a good recap," Qudus said.

Twenty-five vendors from 13 states displayed their products and exchanged useful information with conference attendees. Critical financial support to the conference was also provided through sponsorships of refreshment breaks, meals, and social activities for the attendees. Sponsors included: Baroid Industrial Drilling Products; Boart Longyear Company; Central Mine Equipment, Inc.; Diedrich Drill, Inc.; Foremost Industries LP; Geoprobe Systems; Simco Drilling Equipment, Inc.; and Wyo-Ben, Inc.

Stewart Krause, Senior Sales Engineer, representing Wyo-Ben, Inc., located in Billings, Montana, has been attending the SEDC for about 10 years. "We were encouraged to start attending by one of our customers as a way to meet customers that we don't see at other trade shows or events," Krause said. "This is also a good forum to introduce new products and attend classes geared specifically for the geotechnical and environmental industry. We'll be in Springfield next year!"

Mary Ann Pelletier, Editor, *WorldWide Drilling Resource*, from Bonifay, Florida, said that "Exhibiting at the annual SEDC event gives us an opportunity to get out in the field to meet subscribers and advertisers of *WorldWide Drilling Resource*. We gain so much from this personal interaction and also learn more about the shallow exploration drilling industry from the presentations that are made during the course of this event. The indoor drilling demonstrations were an added feature this year and we look forward to next year's clinic in Springfield, Missouri." *WorldWide Drilling Resource* provided complimentary advertising for the clinic.

Ken Doe, one of four original Steering Committee members, retired from the US Soil Conservation Service (now the US Natural Resources Conservation Service), reported that he received numerous positive comments about the conference programs, the live drilling demonstrations, and the facility. Doe said, "Several attendees were really appreciative of the indoor drilling demonstrations since the weather during the conference was cold and wet."

Six companies demonstrated a variety of rigs and techniques: Geoprobe, CME, Boart Longyear, SIMCO, Midwest Underground Supplies and HWS Consulting Group. Nearly 100 attendees stayed for the third and last day of the conference to participate in the drilling demonstrations. Dave Thomssen, long-time SEDC Steering Committee member and coordinator of the drilling demonstrations, from HWS Consulting Group, located in Lincoln, Nebraska, reports that he received a lot of positive feedback. "Many attendees, especially drillers, liked being able to closely examine a large variety of equipment indoors out of the weather. I think people would like to see this kind of event again, as long as it is indoors and close to where the rest of the clinic is held." Thomssen also said that many "were amazed by the skill of the drillers who boomed up their drilling masts to within inches of the ceiling!"

Before the 2005 clinic, the SEDC Steering Committee consisted of 16 members from Iowa, Kansas, Minnesota, Missouri, Nebraska, Oklahoma, South Dakota and Wyoming. After the clinic, that number

increased to 17 when the steering committee approved Montana's request to become its ninth official member (see Figure 2).



Figure 2, SEDC Steering Committee Member States

On Wednesday, April 13, Duane Eversoll recognized two long-time SEDC members for their years of support: Jim Kearney, 20 years on the SEDC Steering Committee; and John L'Espoir, 25 years of attendance. Eversoll was appointed SEDC Executive Director in 1971, and continues in that position today. The conference also unveiled the redesigned SEDC web site (<http://sedc.unl.edu>). Besides extensive information about the 2005 conference, the site also includes considerable historical material. The conference programs, pre-meeting postcards, selected photographs, meeting locations and attendance, as well as other information, is now on the site. This was also the first conference that made use of on-line registration. Over 50% of the attendees registered via this method.

In addition, a new SEDC database was introduced to the steering committee. The new database contains attendance records, steering committees and vendors from all 40 conferences. Reports generated from this database helped plan this conference and will continue to help future local planning committees. Over the 40 annual meetings of the SEDC, there have been a total of 6,460 registrants. The School of Natural Resources, University of Nebraska-Lincoln, provided the web and database services.

At the suggestion of Dan Blankenau, a new incentive of offering a complimentary fourth registration with three paid registrations from one company was offered. This proved to be quite a success.

## More Information about SEDC

For more information on SEDC, please visit <http://sedc.unl.edu>, or contact Duane Eversoll, SEDC Executive Director, 402-472-7524, [deversoll2@unl.edu](mailto:deversoll2@unl.edu); or Jacki Loomis, SEDC Secretary, 402-472-7550, [jvogel2@unl.edu](mailto:jvogel2@unl.edu).

For a brief history of SEDC, please read *The SEDC Story*, by Vern Bump. It is located on the SEDC web site under the "Articles" menu choice.

## 2005 Local Planning Committee

We would like to thank and recognize the 2005 Local Planning Committee:

- Dan Blankenau
- Ken Doe
- Duane Eversoll
- Jim Kearney
- Jerry Leach
- Jacki Loomis
- Duane Mohlman
- Scott Mounce
- Jim Roberts
- Dave Thomssen

## 2005 Vendors

We would also like to thank and recognize the following vendors who provided critical financial support to the 2005 clinic:

- Acker Drill Company
- Armstrong Machine Company, Inc.
- Baroid Industrial Drilling Products
- Boart Longyear Company (Salt Lake City, UT)
- Boart Longyear Company (St. Charles, MO)
- Central Mine Equipment
- Diedrich Drill
- Drilling World
- Enid Drill Systems, Inc.
- Environmental Manufacturing
- Foremost Industrial LP
- GEFCO
- Geoprobe Systems
- Global Drilling Suppliers, Inc.
- Kwik-Zip USA
- Midwest Laboratories, Inc.
- Midwest Underground Supply
- N & N Drilling
- Nebraska Safety Council
- Probe-Lease
- Scorpion Engineering, Inc.
- Simco Drilling Equipment
- Titan Industries, Inc.
- WorldWide Drilling Resource, Inc.
- Wyo-Ben, Inc.

# Ken Doe: Thoughts on the 2005 Clinic

*by Ken Doe*

**Editor's Note:** Ken Doe is one of four SEDC founding fathers and long-time supporter. In this article, he shares his thoughts on this year's clinic.

I've been asked to comment on my experience at this year's [2005] SEDC Conference.

I must say I was impressed by the number of attendees, even more than in 2000 when I last presided. This of course invites other comparisons, with the biggest change the location of the clinic. All of the previous 12 clinics in Lincoln have been held at the University of Nebraska Conference Center (originally the "Kellogg Center"). I have to admit I always appreciated the fine facilities there, especially the auditorium with its great seating, large screen and excellent audio system. Of course the food was always excellent too.

This year saw some major changes in almost every aspect of our new location, but one thing stayed the same: our great audience! They were attentive, responsive and well-behaved, and I am proud to have been of service to the SEDC.

As a geologist, I have been closely associated with drillers for more than 50 years and have always admired their technical skills and great resourcefulness in solving drilling problems.

It has been a pleasure to work with all of you and I take off my (hard) hat to you!

**Members: Update your Contact Information!**

In order to keep you informed of SEDC events, please keep your contact information current. Please email address, phone or email changes to Jacki Loomis, SEDC Secretary, [jvogel2@unl.edu](mailto:jvogel2@unl.edu), or call 402-472-7550.

## 2005 Clinic Evaluation Results

*compiled by Jacki Loomis, SEDC Secretary*

Of 226 registered participants, 59 (or 26%) completed and returned clinic evaluations. Note that all answers do not add up to 59 since some questions were left blank.

1. **What is your business or profession?**
  - Driller - 28
  - Manufacturer of driller equipment and supplies - 12
  - Government/regulator - 8
  - Consultant - 8
  - Publisher - 1
  - Machinist - 1
  - Geologist - 1
2. **What topic(s) did you like the best?**
  - Pavement drilling - 10
  - Cable tools - 9
  - Drilling fluids - 9
  - Safety - 9
  - Nebraska geology - 7
  - Slide shows - 3
  - Soil classification - 3
3. **What topic(s) did you like the least?**
  - Nebraska grout task force - 2
  - Petroleum free products - 2
  - Soil classification - 2
4. **Are the topic(s) you would like to see added to the program?**
  - More drilling techniques - 10
  - More drilling equipment - 7
  - More hands-on demonstrations - 6
  - More first hand experiences - 2
5. **How do you expect to use the information you gained at the workshop?**
  - To do my job better - 21
  - For CEUs - 18
  - To keep myself better informed - 8

6. **The facility (*Lancaster County Event Center*) was adequate.**
  - Strongly disagree - 0
  - Disagree - 0
  - Neutral - 8
  - Agree - 21
  - Strongly agree - 12
7. **The refreshments and meals were adequate.**
  - Strongly disagree - 0
  - Disagree - 0
  - Neutral - 0
  - Agree - 32
  - Strongly agree - 25
8. **The dates of the conference (April 12-14, 2005) fit into my schedule.**
  - Strongly disagree - 1
  - Disagree - 3
  - Neutral - 16
  - Agree - 18
  - Strongly agree - 16
9. **The material distributed at the conference was adequate.**
  - Strongly disagree - 0
  - Disagree - 0
  - Neutral - 1
  - Agree - 32
  - Strongly agree - 19
10. **The conference fee is reasonable.**
  - Strongly disagree - 0
  - Disagree - 0
  - Neutral - 8
  - Agree - 21
  - Strongly agree - 12
11. **Would you be interested in an SEDC newsletter?**
  - Yes - 18
  - No - 5
12. **If yes (previous question), how often?**
  - Monthly - 15
  - Quarterly - 2
  - Semi-annually - 0
13. **Do you use the SEDC web site?**
  - Yes - 14
  - No - 7

**Is the 2006 SEDC Clinic on Your Calendar?**

April 4-6, 2006, Springfield, Missouri. Additional details are on page 7 of this newsletter.

## SEDC Unveils New Web Site

***<http://sedc.unl.edu>***

*by Duane Mohlman*

In conjunction with the the 40th anniversary clinic, a redesigned SEDC web site was officially unveiled. The site is located at ***<http://sedc.unl.edu>***. Besides extensive information about the 2005 clinic, the site also includes considerable historical material:

- Clinic programs
- Pre-meeting postcards
- Selected photographs from several past clinics, including several from 2005
- Meeting locations and attendance
- Officers/Steering Committee
- Charter
- Photos of selected past clinic souvenirs
- Contact information
- 2005 evaluation results
- *The SEDC Story*, by Vern Bump; and *Significant Dates in the History of Drilling*, by Ken Doe
- and more...

The 2005 clinic was also the first that made use of on-line registration. Over 50% of the attendees registered via this method.

The site is administered and maintained by the School of Natural Resources, University of Nebraska-Lincoln. If you have material you would like added, contact the web site administrator, Duane Mohlman, 402-472-7528 or [dmohlman@unl.edu](mailto:dmohlman@unl.edu).

## Missouri Department of Transportation Prepares for 2006 SEDC Clinic

*compiled by Kevin McLain, MODOT*

Plans are well underway for the 41<sup>st</sup> SEDC, to be held in Springfield, Missouri, on April 4-6, 2006. Here is some initial information that you may find helpful.

### **University Plaza Hotel & Convention Center**

333 John Q. Hammons Parkway

Springfield, Missouri 65806

Hotel Web Site: <http://www.universityplazaspringfield.com/>

### **Springfield, Missouri Convention and Visitors Bureau**

<http://www.springfieldmo.org/final/>

### **Branson Information**

<http://www.branson.com/>

## Conference Contacts

**Kevin McLain**  
Geotechnical Engineer  
MODOT  
(573) 751-1044  
[kevin.mclain@modot.mo.gov](mailto:kevin.mclain@modot.mo.gov)

**Dale Glenn**  
Drilling Superintendent  
MODOT  
(573) 526-4341  
[Dale.Glenn@modot.mo.gov](mailto:Dale.Glenn@modot.mo.gov)

# Minutes of the 2004 Steering Committee Meeting

*compiled by Jacki Loomis, SEDC Secretary*

## SEDC Steering Committee Meeting

Topeka, Kansas

March 30, 2004

### Approved Minutes

#### Members and guests in attendance:

- Duane Eversoll, NE
- Jacki Vogel Loomis, NE
- Dave Thomssen, NE
- Ken Doe, NE
- Jim Kearney, NE
- Jim Roberts, NE
- Dan Blankenau, NE
- Larry Brady, KS
- Butch Reidenbach, OK
- Bob Henthorne, KS
- Randy Billinger, KS
- Steve Hinker, SD
- Den Dudley, WY
- Paul Hilchen, MO
- Dale Glenn, MO
- Ken Luza, OK

Steering Committee Update and Report: Duane Eversoll reported that Missouri was a proposed new member, voted to accept Missouri representation on the Steering Committee. The finances are in good shape with a recent balance of approximately \$5,200.00. A \$1,000.00 payment was just made to the 2005 site, which will bring our balance to approximately \$4,200.00. Butch Reidenbach reported that all activity and finances related to the 2003 meeting were complete. Duane Eversoll extended a big *Thank you* to Oklahoma for a good meeting in 2003.

Duane Eversoll reported that in response to the *Patriot Act*, our bank, Union Bank and Trust of Lincoln, NE, was now requiring a federal ID number on all accounts. This prompted some members to review the SEDC organization and financial operating procedure. After consultation with Lee Orton, Attorney and Executive Director for the Nebraska Well Drillers Association (NWDA), it was decided to pursue adopting a charter and filing financial reports under the NWDA non-profit umbrella. Lee Orton will make the proposal on our behalf to the NWDA Board in June 2004. This would bring us within compliance with the federal and state requirements for Non-Profits and lessen our exposure to lawsuits with a minimal amount of money and paperwork. After a brief discussion, the Committee agreed that this should be pursued.

As stated in the charter, our officers will be Executive Director, Treasurer, and Secretary. The committee members elected Jacki Vogel to the committee by acclamation. The following were elected by acclamation: Duane Eversoll, Executive Director, Bob Henthorne, Treasurer, Jacki Vogel, Secretary. Duane Eversoll indicated that he is phasing towards retirement but will be available to serve through September 2006.

Randy Billinger and Bob Henthorne reported on the 2004 activities. World Wide Drilling, a new industry magazine was given a complimentary booth in exchange for publicity and a photo spread in the magazine. The attendee count is estimated at 185 with 29 commercial booths and they expect a profit of \$1,000 - \$2,000. They suggested that future registration blanks should indicate attendees plans for the NDA portion of the event (first day); this would have been a planning aid to them.

The 2005 Planning Committee members discussed their plans; the event will not be held at the Kellogg Center as in the past because it has closed. Lancaster Event Center, a multi-use convention, exhibition, and livestock facility, has been selected. The plans for 2006 were changed since Kevin Griese with South Dakota was called to military duty; Missouri will host in 2006 and is currently working to select a site. They are considering Branson and Columbia but are not yet ready to announce the site.

Duane Eversoll reported on the proposed future clinic schedule as follows: Nebraska 2005, Missouri 2006, Iowa 2007, South Dakota 2008, Oklahoma 2009, and Kansas 2010.

A discussion of the SEDC mailing list followed. Several members acknowledged the difficulty of keeping this list current and correct. It was suggested that a paper copy of the mailing list be posted and attendees be encouraged to make updates. Kansas reported on their use of email and that it was well received; they encouraged future planning committees to add an email address line to the registration blank.

Duane Eversoll discussed the awards for 25 years of attendance. This has been difficult to track, but Duane believes they have acknowledged the most deserving recipients.

A discussion of the CEU's followed with Dan Blankenau adding that as a representative of a private industry the CEU's were very important and valuable to attendees; they are easily recognizable and accepted. Planning Committee members are encouraged to ask for bios of speakers, as this is a piece of the CEU approval process.

There being no other business, Duane Eversoll adjourned the meeting.

*Submitted by Jacki Loomis, SEDC Secretary*

## SEDC Attendance Reports

*compiled by Duane Mohlman*

The following attendance report was generated from a new database developed by the School of Natural Resources, University of Nebraska-Lincoln. Besides being of general interest, we hope that an attendance report such as this will be of help to future clinic planners. For more information about the SEDC attendance database, contact Duane Mohlman, 402-472-7528, [dmohlman@unl.edu](mailto:dmohlman@unl.edu).



## Attendance By Host State

### Iowa

*Summary for 'State' = Iowa (5 times hosted)*

Total attendees		813
Average number of attendees		162.6
Minimum attended	113	
Maximum attended	217	
Percentage of all attendees		12.6%

### Kansas

*Summary for 'State' = Kansas (7 times hosted)*

Total attendees		1303
Average number of attendees		186.1
Minimum attended	137	
Maximum attended	211	
Percentage of all attendees		20.2%

### Nebraska

*Summary for 'State' = Nebraska (13 times hosted)*

Total attendees		2115
Average number of attendees		162.7
Minimum attended	92	
Maximum attended	230	
Percentage of all attendees		32.7%

### Oklahoma

*Summary for 'State' = Oklahoma (6 times hosted)*

Total attendees		866
Average number of attendees		144.3
Minimum attended	99	
Maximum attended	181	
Percentage of all attendees		13.4%

### South Dakota

*Summary for 'State' = South Dakota (9 times hosted)*

Total attendees		1363
Average number of attendees		151.4
Minimum attended	95	
Maximum attended	208	
Percentage of all attendees		21.1%

## ***SEDC Newsletter* Information**

The *SEDC Newsletter* is published by the School of Natural Resources, University of Nebraska-Lincoln. If you would like to contribute to the next issue, please email your article(s) to Duane Mohlman, [dmohlman@unl.edu](mailto:dmohlman@unl.edu). Articles from members or vendors are appreciated.

Unless otherwise noted, the newsletter is assembled and/or written by Duane Mohlman, Duane Eversoll and Jacki Loomis; and edited by Charles Flowerday.

School of Natural Resources  
%SEDC  
102 Nebraska Hall  
University of Nebraska-Lincoln  
Lincoln, Nebraska 68588-0517

### **School of Natural Resources E-Commerce Web Site** ***<http://snr.unl.edu/products>***

The School of Natural Resources\* Map and Publication Store is now on-line. You can browse or make your purchases from the convenience of your office or home. Or, stop by the store, located in 102 Nebraska Hall, on the University of Nebraska-Lincoln City Campus. Walk-in hours are 8:00-12:00 and 1:00- 5:00, closed weekends and major holidays.

*\*includes the Conservation and Survey Division*

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Lincoln, Nebraska 68588-0517

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11001 DANNA WAY N STE 1  
ST PETERSBURG FL 33716-3724

## SEDC Steering Committee

If you have questions or comments, please feel free to contact any steering committee member. Members' contact information is listed on the SEDC Web Site (<http://sedc.unl.edu>) under the "Administration" menu choice.

**Dan Blankenau**  
Coranco Great Plains, Inc.  
Wahoo, Nebraska

**Larry Brady**  
Kansas Geological Survey  
Lawrence, Kansas

**Stacy Brocka**  
Geotech Engineering and Observation  
Grimes, Iowa

**Ken Doe**  
Lincoln, Nebraska

**Den Dudley**  
Cheyenne, Wyoming

**Duane Eversoll, Executive Director**  
Nebraska Geological Survey  
Conservation and Survey Division  
School of Natural Resources  
Lincoln, Nebraska

**Dale Glenn**  
Jefferson City, Missouri

**Jim Kearney**  
Geologic Solutions  
Lincoln, Nebraska

**Kevin Griesse**  
South Dakota Department of  
Transportation  
Pierre, South Dakota

**Derric Iles**  
South Dakota Geological Survey  
Vermillion, South Dakota

**Robert Henthorne, Treasurer**  
Kansas Department of Transportation  
Topeka, Kansas

**Michael Lloyd**  
Montana Department of Transportation  
Plains, Montana

**Jacki Loomis, Secretary**  
Nebraska Geological Survey  
Conservation and Survey Division  
School of Natural Resources  
Lincoln, Nebraska

**Ken Luza**  
Oklahoma Geological Survey  
Norman, Oklahoma

**Blake Nelson**  
Maplewood, Minnesota

**Jim Nevels, Jr.**  
Oklahoma Department of Transportation  
Oklahoma City, Oklahoma

**Dave Thomssen**  
HWS, Inc.  
Lincoln, Nebraska

SEDC Preliminary Schedule #2  
 April 4-6, 2005  
 (TUE.-THURS.)

**First Day**

9:00-12:00	NDA Workshop	<b>"GEOLOGY FOR DRILLERS"</b> BEN RIVERS - IN CHARGE OF FHWA CRET PROGRAM JIM BELGERI - SPT HAMMER CALIBRATION ALAN GARRARD - REVIEW VIDEO NDA SAFETY
10:00-10:30	Break	
12:00 -1:00	Lunch (on your own)	
1:00 - 4:30	Vendor presentations	+ DISPLAY TABLE FOR NDA ? ALAN TO ASK KEVIN COMP - DRILL BITS - DVD SALES MCCLAIN

**2nd day**

8:00-8:30	Missouri Geology	Mimi Garstang
8:30-9:00	Drilling History/Hydraulics	John Lespoir
9:00-9:30	CDL Regulations for Drill Rigs	David Brooks and Rick Talbert
9:30-10:00	<b>Break</b>	
10:00-10:30	Missouri One Call	
10:30-11:00	Richard Gotsch Talk	
11:00-11:30	Well Regulations	Bob Archer
11:30-12:00	Importance of Quality Geotechnical Sampling & Information	Richard Frueh
12:00-1:00	Lunch	
1:00-1:30	SPT Testing and Drillers Guide	Jeff Farrar
1:30-2:00	Sample Disturbance/ Handling	Dr. Stephenson
2:00-2:30	Wireline Drilling	Audie Thornburg
2:30-3:00	Rock Core Properties	Michael Madcharo
3:00-3:30	<b>Break</b>	
3:30-4:00	Chert Drilling	Sam Silverman
4:00-4:30	Geophysics	Neil Anderson

**3rd day**

8:00-8:30	vision cone	Kevin McLain
8:30-9:00	Historical Flying V Slide	Den Dudley
9:30-10:00	Baroid	Jeff Blinn
10:00-10:30	Break	
10:30-12:00	Equipment demonstration	