

# **2007-2008 Annual Report**

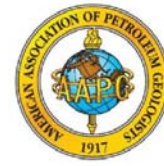
## **San Diego State University - AAPG Student Chapter**

### **EXECUTIVE SUMMARY**

Between September 2007 and May 2008, the American Association of Petroleum Geologists-San Diego State University Student Chapter (AAPG-SDSU) has been extremely active. In this report, the achievements throughout the year are presented. These included a Fall field trip and a Fall and Spring barbecue. The highlights include participation in the AAPG Imperial Barrel competition and a trip to the finals in San Antonio after winning the Pacific Section. The SDSU student chapter was also the beneficiary of AAPG Digital Library Alumni gift by Len Eisenberg in honor of Dr. Don Ptacek Pictures and budget reports for 2007-2008 can be found on the appendix at the end of this report.



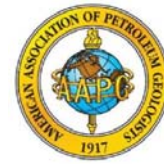
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## CURRENT ORGANIZATION

### I. Officers and committees

The 2007-2008 officers and committee members are:

**Faculty Sponsor:** Dr. Robert J. Mellors

Officers:

**President:** Cameron D. Campbell

**Vice-President:** Sarah L. Johnson

**Secretary:** Afton J. Van Zandt

**Treasurer:** Aaron K. Hebler

Committee:

**Head:** Matt Burgess

**Recruitment:** Adam Cosentino

**External Affairs:** Arifandy Aulia



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II. Current Members

Membership was a priority for the 2007-2008 AAPG-SDSU officers and committee. The chapter did an outstanding job promoting the organization to students. As a result the AAPG chapter is more exposed and known within the geological sciences students of San Diego State University. It is hoped that this will serve as the stepping stone to an even greater influx of members for the 2008-2009 AAPG-SDSU. The current members are:

<i>NAME</i>	<i>AAPG ID</i>	<i>NAME</i>	<i>AAPG ID</i>
Dr. Gary H. Girty	<i>Not public</i>	Jon Sainsbury	<i>Not public</i>
Dr. Robert Mellors	<i>Not public</i>	Briana Johnson	<i>Not public</i>
Cameron Campbell	<i>Not public</i>	Melanie Biggs	<i>Not public</i>
Sarah Johnson	<i>Not public</i>	Jennifer Piper	<i>Not public</i>
Afton van Zandt	<i>Not public</i>	Krista Muela	<i>Not public</i>
Aaron Hebler	<i>Not public</i>	Angela Cavallini	<i>Not public</i>
Arufandy Aulia	<i>Not public</i>	Michelle Apon	<i>Not public</i>
Adam Cosentino	<i>Not public</i>		
John Abeid	<i>Not public</i>		
Rosa Jimenez	<i>Not public</i>		
Loren Wimmer	<i>Not public</i>		
Alena Buhler	<i>Not public</i>		
Ben Slotnick	<i>Not public</i>		
Peter Winther	<i>Not public</i>		



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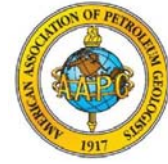
## EVENTS AND ACTIVITIES (2007-2008)

Fall 2007 year for AAPG started with the 2<sup>nd</sup> semester AAPG barbecue at the Hering ranch. This event is a per-semester event held by AAPG-SDSU and hosted by Eugene “Kip” Hering, a San Diego State University geology Alum and the current petroleum geology teacher. The AAPG sponsored event serves as a get together for the department of geological sciences of San Diego State University.

The major activity of Fall 2007 was the Torrey Pines and San Clemente state beach (California) geology field trip, lead by Morgan Sullivan of Chevron. This AAPG-SDSU event had 20 students (both members and non-members), 4 faculty members and 4 guests participating. The duration of the trip was two days. Overall, it was an excellent trip and a great way to learn the classic geology of Torrey Pines and San Clemente state beach. While returning from the field trip, thick smoke was seen from the interstate, which was the start of the 2007 San Diego fires. Campus was closed for 7 days and people were advised to stay indoors in order to avoid smoke related illnesses. The parents of one student AAPG chapter member lost their house and all possessions in the "Witch" fire.

The election for the 2008-2009 AAPG-SDSU president was held in December. The method of voting was online and SDSU geology students were given a month to nominate and vote for the president. The purpose of having an election mid-year is in order for the current president to be able to mentor the incoming president, with the objective of a smooth transition from year-to-year.

The year ended out with a student-faculty college football night at Qualcomm stadium (San Diego, CA). On December 20 2007, several students and faculty members of San Diego State University Department of Geological Sciences attended the Poinsettia Bowl game between the University of Utah and United States Naval Academy. The event went on successfully and is planned to be an annual event for AAPG-SDSU.

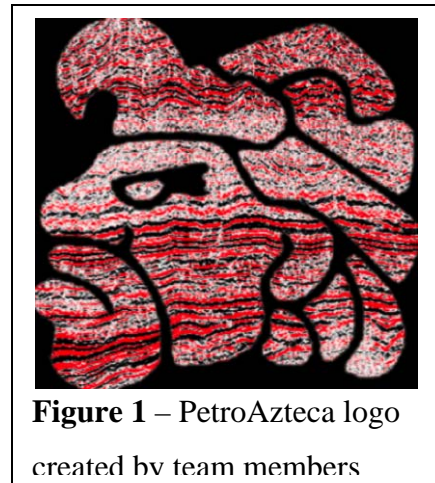


During the fall SDSU students gained access to the full AAPG digital library courtesy of an endowment from SDSU Alumni Len Eisenberg in honor of Dr. Don Ptacek. This is highly useful for students looking for resources and especially since the SDSU library lacks those journals.

2008 started out quickly, as the data for the Imperial Barrel competition arrived in early January and well before the start of classes. The 2<sup>nd</sup> annual Imperial Barrel Award Program (IBA) is an international competition between schools in the field of petroleum geosciences. Each school has to evaluate a hydrocarbon prospect from an exploration sense and present their results to panel of judges made of petroleum industry veterans. The winners of this competition receive scholarship funds dedicated to petroleum geoscience education. It is a rigorous competition, requiring a hefty amount of work, time and dedication.

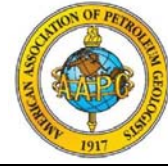
The AAPG-SDSU selected a team of 5 in order to participate in this notable competition. This was the first time AAPG-SDSU participated in the competition. The chosen team name was “PetroAzteca” (Figure 1.), an incorporation of petroleum company names and the Aztec warrior, mascot and pride of San Diego State University. The team members are: Sarah L. Johnson, Cameron D. Campbell, Afton J. Van Zandt, Aaron K. Hebel, Arifandy Aulia. The faculty advisor for the competition is Robert J. Mellors.

Figuring that it would be a good idea to get feedback for the presentation, the team and their faculty advisor (Robert J. Mellors) decided to present their data and evaluation at the department seminar. They were allowed to take over the time slot and room for this department seminar that is usually reserved for distinguished guest lecturers and important guests.





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The result was high attendance, not just by faculty, students and staff, but also by alumni who are excited the AAPG-SDSU are participating in this competition.

After presenting their evaluation of the Cooper basin in Bakersfield before a panel of industry judges, Team PetroAzteca was pronounced as the Pacific Section (PSAAPG) regional winners, which meant that they received a bid to compete in the nationals at San Antonio. The presentation was attended by numerous experienced industry veterans who provided very helpful feedback. The industry experts include Dave Miner of AERA Energy, Jon Kuespert of Breitburn Energy and Morgan Sullivan of Chevron.

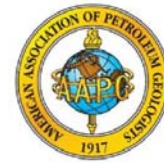
On April 17 2008, after being selected from 39 total teams, the PetroAzteca team along with 11 other schools presented their data at San Antonio in front of a panel of 3 industry-expert judges. The long awaited journey as the top 6 finalist has to be stopped on that day as well, since the PetroAzteca team failed to make it as the top 6 finalist scheduled to present again the next day. Regardless of results, the PetroAzteca team managed to accomplish an amazing feat and gained very valuable experience by participating in this competition. The experience was even more valuable because the team members were able to attend the 2008 AAPG Convention, expanding their networks and increasing their knowledge of the petroleum industry.

During the 2008 Imperial Barrel competition, we received input and advice from various people. One of the people that contributed significantly was Eugene “Kip” Hering, the petroleum geology teacher at the department of Geological Sciences at San Diego State University. For his dedication and efforts, the AAPG-SDSU gave an award in the form of a plaque that states our gratitude and appreciativeness. Access to the AAPG library allowed by the digital library gift was extremely helpful in researching the Cooper Basin geology as well.

Our next activity was on April 25 2008, the 3<sup>rd</sup> semester barbecue at the Hering Ranch was held. The event was held by the AAPG-SDSU and hosted by Eugene “Kip” Hering (SDSU Geology Alum) who teaches the Petroleum Geology class at San Diego



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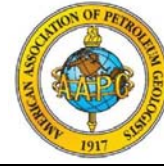
State University. This is the third consecutive semester that this event is held. Everyone had fun, there was great food, the kids went horse riding and we even managed to recruit a few new members. This award was presented at the Spring 2008 barbeque at the Hering ranch.

There are still several activities planned before the 2007-2008 year closes out. AAPG-SDSU is planning a half-day fishing trip on late May. This trip is open to all students (members and non-members), faculty, staff and their respective families and friends. We would also like to do community volunteer work to contribute to our surrounding society, whether it is the Department of Geology (SDSU) itself or the community of San Diego.

The annual end of the year meeting was held on May 26 2008. This end of the year meeting serves as a closing out the 2007-2008 year and marks the end of the 2007-2008 AAPG-SDSU and the official start of the 2008-2009 AAPG-SDSU. During this meeting we presented Dr. Robert J. Mellors with an award in appreciation of his help and work as an advisor for the Imperial Barrel 2008 team.

Another accomplishment for the organization is the launch of their brand new AAPG-SDSU website (<http://www.rohan.sdsu.edu/~aapg>).





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## **PRESIDENT'S STATEMENT**

### *Future objective(s) and plans for 2008-2009*

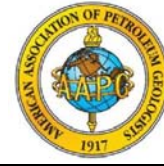
Our primary goal for 2008-2009 is expanding our networks with energy industries. The inspiration for this particular objective is current notable schools of geology that are sponsored by petroleum industries. This concept thrives on the sole purpose of improving the department of Geological Sciences at San Diego State University. The main principle behind this concept is to expand our networks with petroleum industries. The secondary objective of this concept is for a company to contribute to the department of Geological Sciences (SDSU) or AAPG-SDSU in some beneficial way; be it monetary, recruiting, educational (e.g. guest lectures, short courses and educational material support; such as seismic data) or even just simple vocal support. We believe that this will be a great progress for our organization and our geology department that has given us their support throughout the years.

Another objective that we will focus on is Imperial Barrel 2009. The experience of Imperial Barrel 2008 has helped guide us to see what needs to be done in order to prepare for the Imperial Barrel Award program of 2009. The first goal that needs to be accomplished is the election of the team members that is going to be representing San Diego State. We hope make the 2008-2009 year a memorable one for us

We would like to acknowledge Jon Kuespert, Morgan Sullivan, Dave Miner and those who had helped us in Bakersfield. Thank you to Aera Energy and Chevron for helping the Bakersfield trip. Last, but not least, we would like to thank Eugene "Kip" Hering and Robert J. Mellors for helping us during the Imperial Barrel Award program.

Sincerely,

**Arifandy Aulia**  
President AAPG-SDSU Student Chapter



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## APPENDIX

### 1. Annual Budget report

Funds from previous year (carryover): \$250

Austin Weeks: \$500

Imperial Barrel: \$1500

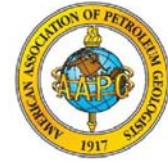
Estimated spent\*:

Barbecues: \$163

San Antonio per diem: \$1025

\*As of May 20, 2008:

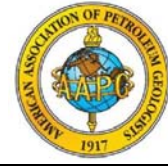
Note: costs of trip to Bakersfield were reimbursed directly to R. Mellors by PSAAPG.



2. Photos

**i. Fall 2007 Torrey Pines and San Clemente state beach (California) geology field trip, lead by Morgan Sullivan of Chevron Energy**





**ii. 2008 Imperial Barrel Award program**



**2008 Imperial Barrel Team; From left to right:** Arifandy Aulia, Sarah Johnson, Aaron Hebler, Cameron Campbell, Afton Van Zandt; and Robert J. Mellors (advisor)





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