

# ***SPWLA Newsletter***

**SPWLA Japan Chapter**

**Vol. 4 No.4, November 1998**

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## **General Summary of the Symposium**

The Fourth well logging symposium of Japan was successfully held in JNOC-TRC on September 24-25, 1998. Our sincere thanks to all the participants and sponsors for their contributions. This year, the President of our parent society, SPWLA, Dr. Allen Gilchrist was invited as a keynote speaker of the symposium.

Following is a brief summary of the symposium.

### **(Participants)**

The number of participants was 83. and 37% of them were from oil companies, 35% from service companies, 19% from universities & national research institutes and 8% from geothermal, geo-engineering and other industries. The participants from overseas were 10. The number of participants decreased about 30% less than usual.

### **(Opening Session)**

Following the opening remarks by our president, Mr. Satoshi Tono, Dr. Allen Gilchrist, the President of our parent society, SPWLA, delivered a keynote address titled " The SPWLA - A Proud History, an Exciting Present, and a Promising Future ".

### **(Technical Sessions)**

Twenty-one papers were presented in 6 technical sessions. Two papers were canceled due to the accidental affairs of speakers. The session titles and the number of papers were as shown as follows;

- (1) General Formation Evaluation -1 : 2
- (2) General Formation Evaluation -2 : 3
- (3) Geological Application : 5
- (4) NMR/Electrical/Electromagnetic Logging: 4
- (5) Borehole Imaging : 3
- (6) Acoustic/Borehole Geophysics : 4

We had 12 papers from overseas.

### **(Proceedings of the Symposium)**

Proceedings of the First, Second, Third and Fourth Symposium are available for 3000yen each.

To get a copy, please contact:

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## **Announcement**

Three members were designated to replace their predecessors, at the General Meeting held on 24<sup>th</sup> September.

Thus, board members for SPLWA Japan have been re-organized as follows:

### **BOARD MEMBERS FOR 97-99**

<b>President</b>	<b>Satoshi Tono</b>
<b>First Vice President</b>	<b>Fumio Okitsu</b>
<b>Vice President, Technology</b>	<b>Makoto Miyairi</b>
<b>Vice President, Membership</b>	<b>Kazuo Koide</b>
<b>Secretary</b>	<b>Shigeaki Asakura*</b>
<b>Treasurer</b>	<b>Masaru Nakamizu</b>
<b>Director</b>	<b>Les Nutt*</b>
<b>Director</b>	<b>Masaaki Funayama*</b>
<b>Director</b>	<b>Norio Arihara</b>
<b>Director</b>	<b>Makoto Sato</b>
<b>Director</b>	<b>Hiroaki Niitsuma</b>
<b>Director</b>	<b>Masami Hyodo</b>
<b>Director</b>	<b>Hideo Ohtomo</b>
<b>Director</b>	<b>Koji Kato</b>

\* denotes new members, whose personal summaries are enclosed.

**PERSONNAL SUMMARIES  
FOR THE NEW BOARD MEMBERS OF SPWLA JAPAN**

The following members have replaced the leaving members to succeed their duties:

**Masaaki FUNAYAMA**

Candidate for Director replacing Masashi OKA, is a Manager of Teikoku Oil (Venezuela) Co., Ltd. He received his B. Sc. degree from Yamagata University in 1981 and M. Sc. degree in geology from Tohoku University (1983) and Louisiana State University (1990). He joined Teikoku Oil Co. Ltd. in 1983 and has worked as a petroleum geologist in Japan, Oman, and Venezuela. He is currently engaged in projects in Venezuela and Colombia.

**Les NUTT**

Les Nutt, a new director replace Adel GUINDY, is the Marketing Manager for Schlumberger K. K. He graduated from Queens University Belfast with a B.Sc. in Physics in 1976 and a Ph.D. in Physics in 1979. Since joining Schlumberger, he has worked in various assignments as Log Analyst, Unit Geophysicist, ID Manager, Marketing Manager for Wireline & Testing and Lead Geophysicist prior to his current assignment. He was VP Technology for the Norwegian Chapter of SPWLA 1991-1993.

**Shigeaki ASAKURA**

Shigeaki ASAKURA, a new secretary replaced Toru TODA, is a manager of GeoQuest Schlumberger in charge of Japan, Korea and Sakhalin. He graduated from Kyoto University in 1976 with B.Sc. degree in Geophysical Prospecting. Since joining Schlumberger in 1976, he has worked as a field engineer in Brunei, Indonesia, Malaysia and Japan. After the Log Analyst School in Paris (1981), he worked as a log analyst in Singapore and Tokyo (Reservoir Modeling Group). Various positions as a manager and in marketing function, he was assigned in Tokyo with the current position in 1998. He is a member of SPWLA.

# Invitation to 24th Chapter Meeting

We would like to announce that the forthcoming Chapter Meeting will be held as follows.

**Venue** : **Technical Research Center**  
**Teikoku Oil Co., Ltd.**  
9-23-30, KitaKarasuyama,  
Setagaya-ku, Tokyo  
(Please refer to the map attached)

**Date** : **On Friday, November 27, 1998**

**Program** :

16:00 "Productivity Correlation for Horizontal Sinks Completed in Fractured Reservoirs" by Kozo Sato (Teikoku Oil Co.,Ltd.)

*(See details below)*

17:30 Snacks Buffet

## **About the topics**

### **Productivity Correlation for Horizontal Sinks Completed in Fractured Reservoirs**

**Speaker** : Kozo Sato (Teikoku Oil Co.,Ltd.)

**Abstract** :

When completed in fractured reservoirs, horizontal sinks (hydraulically fractured wells or horizontal wells) are believed to intersect several fractures and outperform their vertical counterparts. Based on the numerical experiment outcomes, productivity correlations are developed with horizontal-sink length and fracture parameters as the correlating parameters. The correlations are of use in predicting the expected value and the most-likely minimum value of productivity for a horizontal sink parallel or perpendicular to fractures. Analyzing the developed correlations enables us to quantify the individual contributions of a sink itself, distributed fractures, and sink-intersecting fractures to the horizontal-sink productivity. Fractures tend to yield a significantly magnified contribution to the productivity when they intersect the horizontal sink. The advantage of completing a horizontal sink perpendicular rather than parallel to fractures is attributed largely to such fractures.

### **['94-'95 Annual schedule of Chapter Meetings]**

<i>May 23, 1994</i>	<i>Japan National Oil Corporation</i>
<i>July 25, 1994</i>	<i>Japan Petroleum Exploration Co.,Ltd</i>
<i>September 27, 1994</i>	<i>Japan Oil Engineering Co.,Ltd</i>
<i>November 29, 1994</i>	<i>Technical Research Center, Teikoku Oil Co.,Ltd</i>
<i>January 23, 1995</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 13, 1995</i>	<i>Waseda University</i>
<i>May 29, 1995</i>	<i>Japan Oil Development Co.,Ltd</i>
<i>September 21-22, 1995</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

### **['95-'96 Annual schedule of chapter meeting]**

<i>November 27, 1995</i>	<i>Idemitsu Oil Development Co.,Ltd</i>
<i>January 29, 1996</i>	<i>Geothermal Energy R&amp; D Co.,Ltd</i>
<i>March 26, 1996</i>	<i>Arabian Oil Co.,Ltd</i>
<i>May 27, 1996</i>	<i>Japan Petroleum Exploration Co.,Ltd</i>
<i>September 26-27, 1996</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

### **['96-'97 Annual schedule of Chapter meetings]**

<i>November 25, 1996</i>	<i>Technical Research Center, Teikoku Oil Co.,Ltd</i>
<i>January 27, 1997</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 26, 1997</i>	<i>Waseda University</i>
<i>May 26, 1997</i>	<i>Japan Oil Development Co., Ltd.</i>
<i>September 24-25, 1997</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

### **['97-'98 Annual schedule of Chapter meetings]**

<i>November 25, 1997</i>	<i>Idemitsu Oil Development Co.,Ltd</i>
<i>January 26, 1998</i>	<i>Geothermal Energy R&amp; D Co.,Ltd</i>
<i>March 30, 1998</i>	<i>Schlumberger K.K.</i>
<i>May 25, 1998</i>	<i>Japan Petroleum Exploration Co.,Ltd</i>
<i>September 24-25, 1998</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

### **['98-'99 Annual schedule of Chapter meetings]**

<i>November 27, 1998</i>	<i>Technical Research Center, Teikoku Oil Co.,Ltd</i>
<i>January 25, 1999</i>	<i>Indonesia Petroleum, Inc.</i>
<i>March 24, 1999</i>	<i>Waseda University</i>
<i>May 24, 1999</i>	<i>Tohoku University</i>
<i>September 29-30, 1999</i>	<i>Technology Research Center, Japan National Oil Corporation</i>

## Summary of the Activities 1997-1998

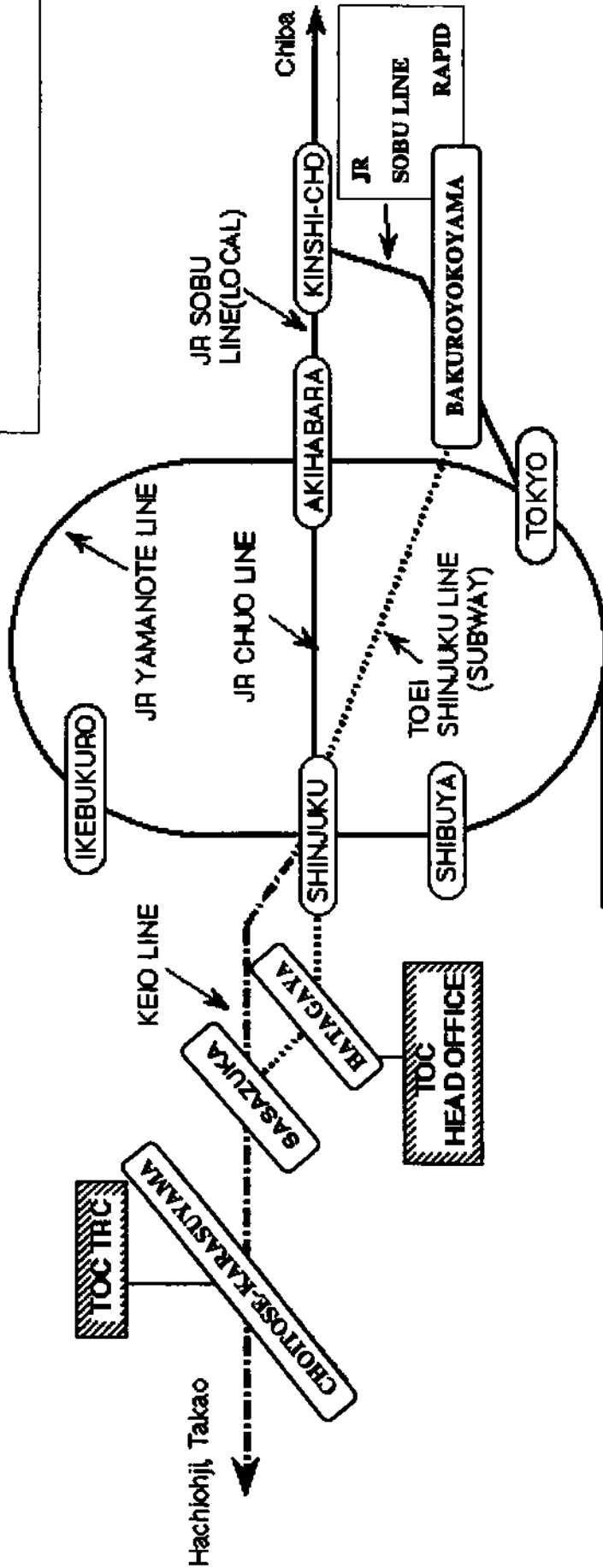
### Activities 1997-1998 (SPWLA Japan Chapter)

No.	Date	Venue	Speaker	Topics
19th	Nov. 25, 1997	Idemitsu Oil Co.,Ltd.	A. Imayoshi (JNOC-TRC) S. Hirahara (Idemitsu Oil Development Co.,Ltd.)	"Log Analysis of Micaceous Brent Sandstone " "Cyclog- A New Approach for Well Correlation"
20th	Jan. 26, 1998	Geothermal Energy R&D Co.,Ltd ( GERD )	Tatsuya Sato (GERD)	Introduction of the integrated geothermal reservoir modeling system
21st	Mar. 25, 1998	Schlumberger K.K. (SKK)	Takeshi Endo(SKK) Hitoshi Mikada(SKK)	"Fracture Evaluation from Stoneley Inversion " "Borehole Acoustic Reflectivity for Single Well imaging-A high-resolution description of geological structure"
22nd	May 25, 1998	Japan Petroleum Exploration Co.,Ltd ( JAPEX)	Toru Takahashi(OYO) Gary Lo(GeoQuest)	"A field experiment of the single-hole seismic imaging method " "Data management for the benefit of exploration & Production"
23rd	Sep. 23- 24, 1998	Technology Research Center, Japan National Oil Corporation (TRC-JNOC)		The Fourth Well Logging Symposium of Japan

# RAILWAY MAP to Teikoku Oil Co.

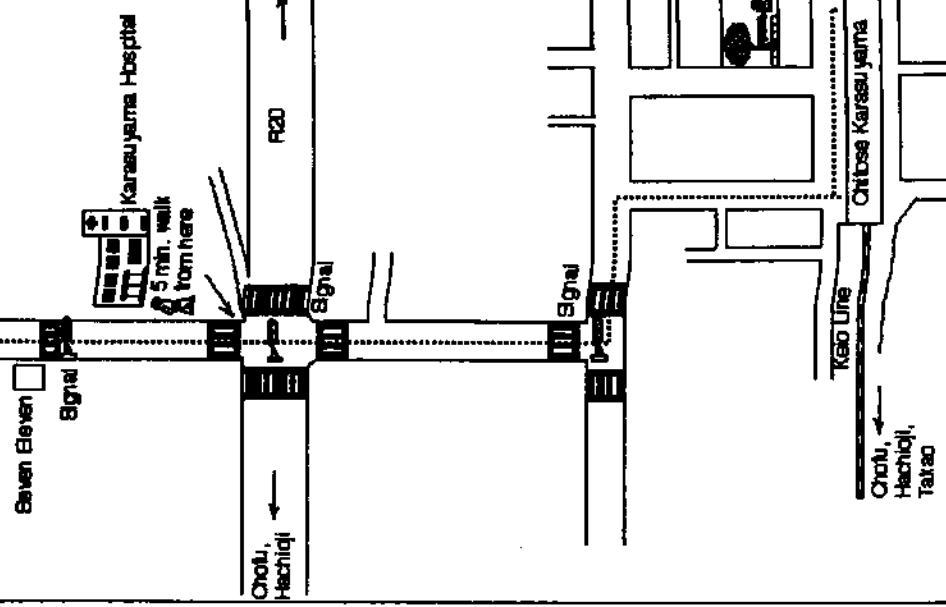
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