SPWLA News Letter

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Best wishes for the new year

From All Directors of SPWLA Japan Chapter

Best Paper of the symposium

Based on the results of the ballot conducted at the Symposium and as confirmed by the executive committee, one best paper and two excellent papers were chosen from 28 papers by the 1995-1996 executive committee.

The best paper is ;
(Paper S)
Fast Stoneley Modeling Its Application for Permeable Fracture Evaluation, by Kazuhiko Tezuka(JAPEX), Takeshi Endo(SKK), Makoto Miyairi(JAPEX) and Alain Brie(SKK), and presented by K. Tezuka.

The excellent papers are;
(Paper H)
Nuclear Magnetic Resonance Applications in North America , by Billie-Dean Gibson, Austin Boyd, Andrew Poon and W. Greg Gubelin(Schlumberger Wireline & Testing), and presented by A. Boyd,

(Paper K)
Pulsed Doppler Borehole Televiewer to Estimate Permeability of Subsurface Fractures, by Hiroaki Niitsuma and Yoshinori Inagaki(Tohoku University), and presented by Y. Inagaki.

Congratulation to the all the authors!

The best paper will be awarded in the next symposium.

General Summary of the Symposium

The First Annual Well Logging Symposium of Japan was successfully held in JNOC-TRC on September 21-22, 1995. My sincere thanks to all the participants and sponsors for their contributions.

Following is a general summary of the symposium, and some statistics are also shown in the chart attached.

(Participation)
The number of participant was 127 and 39% of them was from oil companies, 29% from service companies, 12% from universities & national research institutes and 20% from geothermal, geo-engineering and other industries. The participants from outside Japan was 8 and foreigners were 18.

(Technical Sessions)
Twenty-eight papers were presented in 6 technical sessions. The session title and the number of papers was as shown as follows;

Electrical/Electromagnetic Logging :	4
General Formation Evaluation :	4
Borehole Imaging & Its Applications :	4
Geological/Computer Applications :	5
Acoustic/Borehole Seismic :	7
Geothermal Applications :	4

Twenty papers were presented in English and 5 papers were submitted from outside Japan. The contribution to the technical paper was quit equal among each industry segment.

(Corporate Sponsors)
Following companies supported the symposium through advertisements on the proceedings.

Geophysical Surveying Co.,Ltd	Geothermal Energy R & D Co.,Ltd
Japex Geoscience Institute Inc.	Kyokuto Boeki Kaisya, Ltd
Nippon Bicron Corporation	Nissho Iwai Corporation
Oil Research, Ltd	OYO Corporation
Schlumberger K.K. Anadrill	Schlumberger K.K. GeoQuest
Schlumberger K.K. Wireline&Testing	Western Atlas Logging Service
Central Computer Services Co., Ltd	

Invitation to 10th chapter meeting

We would like to announce that the forthcoming chapter meeting will be held as follows.

Venue : At **Room #606, 6th floor ,Tekko-kaikan,**
Tekko-kaikan Building, 3-2-10 kayaba-cho
Chuo-ku, Tokyo

Date : On Monday, **January 29, 1996**

Program :

15:00 Interpretation of in-situ three dimensional stress field from FMI/BHTV data
by Takashi Okabe (GERD)
Development of data-base system for logging and reservoir evaluation
by Nobuo Osato (GERD)
Comprehensive prediction and prevention of sand production problems using rock mechanics, logging and production technologies:(for perforated wells and openhole horizontal wells in the U.K. Rotligendes formation)
by Nobuo Morita (Waseda University)

17:30 Snacks Buffet

About the topics:

Topic of First Speech by Mr. Okabe is about an analysis method to estimate the in-situ three dimensional stress field. The drilling-induced fractures and/or borehole breakouts being associated with the stress field are observed by FMI and BHTV logs in some wells. His study is to determine the three dimensional stress field using three sets of the positions and inclinations of drilling-induced fractures or borehole break-out.

Topics of Second Speech by Mr. Osato is the introduction of Data-Base system for the evaluation of fractured reservoirs. He also introduces a technique to simulate the fractured reservoir.

Topic of the Third Speech by Prof. Morita
Numerous gas reservoirs have been developed in the Rotligendes formation in the U.K. Southern Basin. They have been jointly developed by BP, Shell, Phillips, Chevron and Conoco. Most of the wells completed before 1990 have no sand production protection as there were no serious sand problems initially encountered (or the leaks of the valves were assumed due to gas flow erosion and corrosion instead of sand flow erosion). However, since early 1990, the sand flow rate has significantly increased reservoir pressure depletion. The downtime to fix the leaky valves and reducing gas flow rate to control the sand problems significantly increased the penalty cost to compensate for the failure in achieving the contract gas flow rate between British Gas and the producers. Conoco' s engineers, during 1993, undertook a comprehensive project to solve the sand problems using rock mechanics, logging and production technologies. Some aspects to analyze and to prevent the sand problems will be presented.

About the Speakers

About the GERD (first two speakers)
Geothermal Energy Research and Development Co.,Ltd.(GERD) was established to carry out part of the Sunshine project which is triggered by Agency of Industrial Science and Technology to develop the alternative energy sources, such as solar power, geothermal, coal, and hydrogen in November 1975 with investment from 25 private companies (now 32). GERD's aims are to develop technology related to geothermal exploration, production of geothermal resources, environmental maintenance and so on. GERD also has a consulting business in exploration, drilling, logging, reservoir engineering division for resources development. GERD have many expert analysts for fractured reservoir.

Nobuo Morita

1964-1968:	graduated from Tokyo University, Department of Mineral Resources Engineering
1969-1974:	MS and Ph. D. from the University of Texas, Department of Petroleum Engineering
1974-1977:	scientist, the Center for the Earth Science and Engineering, Univ. of Texas
1977-1979:	engineer, Technology division, Teikoku Oil Co.
1979-1981:	chief scientist, the Center for the Earth Science and Engineering, Univ.of Texas
1981-1995:	Research Fellow, Conoco production research center, technical center, and field division
1988:	Recipient of 1988 U.S. Society of Rock Mechanics Award
1995-:	Professor, Mineral Resources Engineering, Waseda University

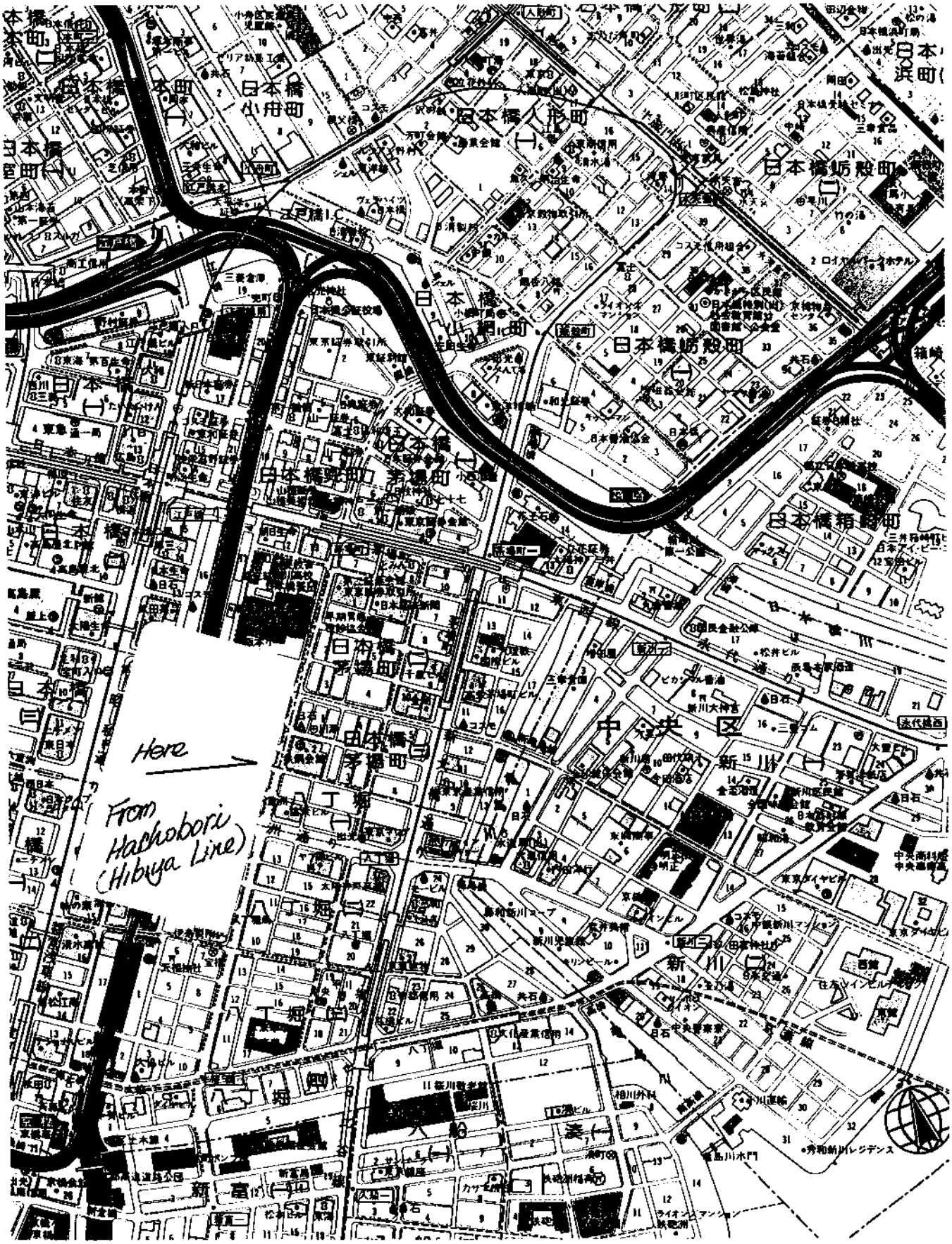
'94-'95 Annual schedule of chapter meetings

DATE	VENUE
May 23, 1994	*Japan National Oil Corporation*
July 25, 1994	*Japan Petroleum Exploration Co.,Ltd*
September 27, 1994	*Japan Oil Engineering Co.,Ltd*
November 29, 1994	*Technology Research Center, Teikoku Oil Co.,Ltd*
January 23, 1995	*Indonesia Petroleum, Inc.*
March 13, 1995	*Waseda University*

'95-'96 Annual schedule of chapter meetings

DATE	VENUE
May 29, 1995	*Japan Oil Development Co.,*
September 21-22, 1995	*Technology Research Center, Japan National Oil Corporation*
November 27, 1995	*Idemitsu Oil Development Co.,Ltd*
January 29, 1996	**Geothermal Energy R& D Co.,Ltd**
March* , 1996	Arabian Oil Co.,Ltd
May* , 1996	Japan Petroleum Exploration Co.,Ltd

(* Date will be confirmed later)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