

AGENDA
2001 NRC SAFETY ASPECTS OF WELL LOGGING COURSE
HOUSTON, TEXAS
April 22-26, 2002

Location: Schlumberger Technology Corporation
210 Schlumberger Drive, Sugar Land, Texas

Monday, April 22, 2002

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|-------|---|---|
| 8:00 | Welcome | - Ray Dickes, RSO, Schlumberger Technology Corporation
- Marilyn Kelso, Bureau of Radiation Control, Texas Department of Health (TDH) |
| 8:10 | Overview | <i>** I have a note to add the "Making Hole" video here at the beginning. The video is 23 minutes. This would mean a shift in all times.</i> |
| 8:30 | Geology | - Ray Dickes, RSO, Schlumberger Technology Corporation
- Steve Hansen, Schlumberger Wireline & Testing |
| 9:10 | Break | |
| 9:20 | Seismic Video | - Phil Stoehr, RSO, Baker Atlas |
| 9:50 | Drilling | - Colin Ayton, Security DBS |
| 10:20 | Break | |
| 10:30 | Well Logging | - Ray Dickes, RSO, Schlumberger Technology |
| 11:10 | Cementing | - Dwain King, Halliburton Energy Services |
| 11:30 | Perforating | - Ray Dickes, RSO, Schlumberger Technology |
| 12:00 | Lunch | |
| 12:45 | Stimulation | - Dwain King, Halliburton Energy Services |
| 1:15 | Production | - Mike Loudermilk, Baker Hughes |
| 1:35 | Enhanced Recovery | - Mike Loudermilk, Baker Hughes |
| 1:55 | Break | |
| 2:05 | Travel to Houston Museum of Natural Science | |
| 2:50 | Museum Tour -- Petroleum Exhibit | |
| 4:50 | Leave for Schlumberger | |
| 5:50 | Arrival at Schlumberger | |

Tuesday, April 23, 2002

- 8:00 Review and Questions
- 8:10 Source Manufacturing - Charlie Gallagher, President, Gammatron, Inc.
- 9:10 Break.
- 9:20 Radiation Logging - Allen Gilchrist, Baker Atlas
- 10:20 Break
- 10:30 Tour of Rig and Logging Display - Schlumberger Technology
- 12:00 Lunch
- 1:00 Mineral Logging - Mike Maxson, RSO, Uranium Resources, Inc.
- 1:45 Break
- 1:55 Methods for Radioactive Tagging of Cement and Fracture Propping Agents - Larry Stephenson, Pro-Technics International
- 2:35 Break
- 2:50 Tracer Surveys and Handling Tracer Materials - Chip Levine, RSO, Baker Atlas
- 3:30 Radioactive Markers - Chip Levine, RSO, Baker Atlas
- 4:00 Class Photo/Break
- 4:30-6:00 Reception - Schlumberger Technologies

Wednesday, April 24, 2002

- 6:45 Bus Leaves Hotel for Baker Atlas
- 8:00 Review and Questions at Baker Atlas
- 8:15 Demonstration at Test Well, Operation of Equipment and Loading of Sources - Phil Stoehr, RSO, Baker Atlas
Add fishing explanation during classroom time at Baker Atlas
- 10:15 Leave for Halliburton Manufacturing Facility
- 10:35 Tour of Halliburton Manufacturing Facility - Dwaine Brown, RSO, Halliburton Energy Services
- 11:45 Radiation Safety Program/Training/The Logging Supervisor - Dwaine Brown, RSO, Halliburton Energy Services
- 12:45 Lunch
- 1:45 Leave for Baker Oil Tool
- 2:45 Baker Oil Tool Tour - Phil Stoehr, Baker Atlas and Don Cathey, Baker Hughes
- 3:55 - 5:30 Return to Hotel

Thursday, April 25, 2002

- 8:00 Review and Questions
- 8:15 The Regulations Covering the Logging Industry - Barbara Taylor, TDH Bureau of Radiation Control
- 8:55 NRC Part 39/Current Generic Source Exemptions - Jack Whitten, Senior License Reviewer, Nuclear Regulatory Commission, Region IV
- 9:25 Break
- 9:35 Transportation of Radioactive Material - Bill Silva, TDH Bureau of Radiation Control
- 10:35 Procedures for Irretrievable Sources - Ray Dickes, RSO, Schlumberger Technology
- 10:55 Well Logging Inspection Procedures - Bill Silva, TDH Bureau of Radiation Control
- 11:55 Lunch
- 12:40 Single Owner Operation - Buddy French, Consultant
- 1:10 Break
- 1:20 Wellhead Woes in Whinney - Ruben Cortez, TDH Bureau of Radiation Control
- 2:20 Break
- 2:30 Decontamination of Well Site - Charlie Gallagher, President, Gammatron, Inc.
- 3:30 Break
- 3:40 Video, "Early Well Logging"

Friday, April 26, 2002

- 8:00 Review and Questions
- 8:15 Well Site Fire and Sealed Sources - Chuck Racster, Consultant
- 9:00 NORM - Dwaine Brown, Halliburton Energy Services
- 9:30 Summary and Review
- 10:15 Break
- 10:30 Quiz - Marilyn Kelso, TDH Bureau of Radiation Control
- 11:45 Course Closure, Housekeeping and Farewell - Ray Dickes, RSO, Schlumberger Technology