

Testing SEG bibliography from 13001 to 14001

Sergey Fomel

January 13, 2004

References

- Abriel, W. L., Neale, P. S., Tissue, J. S., and Wright, R. M., 1991, Modern technology in an old area: Bay Marchand revisited: *The Leading Edge*, **10**, 21–35.
- Adcock, S., 1993, In search of the well tie: What if I don't have a sonic log?: *The Leading Edge*, **12**, 1161–1164.
- Adler, F., Hoxha, F., and Hubral, P., 1997, Migrating around in circles: Part II: *The Leading Edge*, **16**, 235–237.
- Ahern, T., 1996, Finding needles in haystacks: *The Leading Edge*, **15**, 1347–1349.
- Aiken, C. L. V., Balde, M., Xu, X., Abdel-Salam, M. G., de La Fuente, M. F., and Mena, M., 1997, Integrated studies of Mexico with gravity, magnetic, and GIS database: *The Leading Edge*, **16**, 1779–1785.
- Aina, A., 1993, Impact of new technologies on Nigeria's oil reserve: *The Leading Edge*, **12**, 938.
- Ak, M. A., 1988, Comments on 'Whatever happened to ground-roll?', by Anstey, N. A. (TLE-05-03-0040-0046): *The Leading Edge*, **07**, 8.
- Al-Fares, M. H., 1996, Round table - In quest of integration: *The Leading Edge*, **15**, 1043–1045.
- Algan, U., 1997, Anatomy of an E&P data bank: Practical construction techniques: *The Leading Edge*, **16**, 901–902.
- Alkhalifah, T., Tsvankin, I., Larner, K., and Toldi, J., 1996, Velocity analysis and imaging in transversely isotropic media: Methodology and a case study: *The Leading Edge*, **15**, 371–378.
- Allen, J. L., 1993, Discussion of 'Geophysics credibility', by N. Neidell (TLE-11-12-27): *The Leading Edge*, **12**, 258.
- Allen, J. L., and Peddy, C. P., 1993, Amplitude variation with offset: Gulf Coast case studies: *Soc. of Expl. Geophys.*

- Allen, J. L., Peddy, C. P., and Fasnacht, T. L., 1993, Some AVO failures and what (we think) we have learned: *The Leading Edge*, **12**, 162–167.
- Ambrose, W. A., and Ferrer, E. R., 1997, Seismic stratigraphy and oil recovery potential of tide-dominated depositional sequences in the lower Misoa formation (lower Eocene), Lagunillas field, Lake Maracaibo, Venezuela: *The Leading Edge*, **16**, 1331–1334.
- Amery, G. B., 1993, Geophysical tutorial series: Basics of seismic velocities: *The Leading Edge*, **12**, 1087–1091.
- Aminzadeh, F., 1996, Future geophysical technology trends: *The Leading Edge*, **15**, 739–742.
- Aminzadeh, F., Burkhard, N., Kunz, T., Nicoletis, L., and Rocca, F., 1995, 3-D modeling project: 3rd report: *The Leading Edge*, **14**, 125–128.
- Andersen, H. T., Knoshaug, R. N., and Neuman, D. I., 1993, SAGEEP points to need for further R&D: *The Leading Edge*, **12**, 1026.
- Anderson, R. N., He, W., Hobart, M. A., Wilkinson, C. R., and Nelson, H. R., 1991, Active fluid flow in the Eugene Island area, offshore Louisiana: *The Leading Edge*, **10**, 12–17.
- Ansell, G. S., 1992, Mines' President Ansell addresses alumni: *The Leading Edge*, **11**, 58–59.
- Anselmetti, F. S., and Eberli, G. P., 1997, Sonic velocity in carbonate sediments and rocks *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 53–74.
- Anselmetti, F. S., Eberlie, G. P., and Bernoulli, D., 1997, Seismic modeling of a carbonate platform margin (Montagna Della Maiella, Italy): Variations in seismic facies and implications for sequence stratigraphy *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 373–406.
- Arnn, L. P., 1995, 1994 SEG Award Citations: Special recognition for Henry Salvatori: *The Leading Edge*, **14**, 108.
- Arscott, R. L., 1988, Petroleum engineering - Past present and future: *The Leading Edge*, **07**, 38–39.
- Astfalk, G., 1993a, Fundamentals and practicalities of MPP, part 1: *The Leading Edge*, **12**, 839–843.
- , 1993b, Fundamentals and practicalities of MPP, part 2: *The Leading Edge*, **12**, 907–911.
- , 1993c, Fundamentals and practicalities of MPP, part 3: *The Leading Edge*, **12**, 992–998.

- Ata, E., and Michelena, R. J., 1995, Mapping distribution of fractures in a reservoir with P-S converted waves: *The Leading Edge*, **14**, 664–673.
- Aylor, W. K., 1995, Business performance and value of exploitation 3-D seismic: *The Leading Edge*, **14**, 797–801.
- Babb, J., 1992, Memorial: Robert R. Phillips: *The Leading Edge*, **11**, 55.
- Backus, M. M., 1996, 1995 SEG Award citations: Honorary Membership for Robert J. Graebner: *The Leading Edge*, **15**, 100.
- Baer, L. J., Overfelt, B., and Faile, T., 1995, Total field magnetic surveys to locate abandoned wells: Three case histories: *The Leading Edge*, **14**, 237–241.
- Bahorich, M., and Farmer, S., 1995, 3-D seismic discontinuity for faults and stratigraphic features: The coherence cube: *The Leading Edge*, **14**, 1053–1058.
- Baker, A. A., and Bone, M. R., 1993, President's page: *The Leading Edge*, **12**, 880.
- Baker, G. S., Steeples, D. W., and Feroci, M., 1997, The time dependence of shallow reflection data: *The Leading Edge*, **16**, 1663–1666.
- Bally, A. W., Gittelmann, J., Robinson, J., DeMartini, D., Leveille, J., and Shoham, Y., 1992, Memorial: Aaron J. Seriff: *The Leading Edge*, **11**, 55.
- Barber, T. D., 1996, 1995 SEG Award citations: Life Membership for Paul Farren: *The Leading Edge*, **15**, 105–106.
- Barboza, G., Fernandez, J. A., Barrientos, J., and Bottazi, G., 1997, Costa Rica: Petroleum geology of the Caribbean margin: *The Leading Edge*, **16**, 1787–1794.
- Barkhouse, B., 1997, A message from the general chairman: *The Leading Edge*, **16**, 1392–1393.
- Barley, B., Geist, L., and McCormack, B., 1997, President's page: *The Leading Edge*, **16**, 1098.
- Barnes, A. E., 1993, When the concepts of spectral frequency and instantaneous frequency converge: *The Leading Edge*, **12**, 1020–1023.
- , 1995, Teaching yes, practice no: *The Leading Edge*, **14**, 1039–1041.
- Barnett, C., and Christopherson, K., 1996, Mining renaissance: *The Leading Edge*, **15**, 1102.
- Barringer, C., and Barringer, T., 1996, 1995 SEG Award citations: Maurice Ewing Medal for Harold O. Seigel: *The Leading Edge*, **15**, 99.
- Barton, C. A., Moos, D., and Zoback, M. D., 1997, In-situ stress measurements can help define local variations in fracture hydraulic conductivity at shallow depth: *The Leading Edge*, **16**, 1653–1656.

- Beasley, C. J., 1996, 1995 SEG Award citations: Virgil Kauffman Medal for Frederick J. Barr: *The Leading Edge*, **15**, 102–103.
- Beasley, C. J., Chambers, R. E., Workman, R. L., Craft, K. L., and Meister, L. J., 1997, Repeatability of 3-D ocean-bottom cable seismic surveys: *The Leading Edge*, **16**, 1281–1285.
- Beauchamp, W., Barazangi, M., Demnati, A., and Alji, M. E., 1997, Inversion of synrift normal faults in the high atlas mountains, Morocco: *The Leading Edge*, **16**, 1171–1175.
- Beck, H., and Strabala, J. M., 1990, Memorial: Sidney W. Schoellborn: *The Leading Edge*, **09**, 43.
- Becker, A., 1993, Geophysical technology transfer symposium: Russian airborne geophysics and remote sensing: *The Leading Edge*, **12**, 784–785.
- Bednar, J. B., 1996, Round table - Coarse is coarse of course unless: *The Leading Edge*, **15**, 763–764.
- Berkhout, A. J., Smeets, G., and Ritsema, I., 1991, A strategy for developing a standard E&P data model: *The Leading Edge*, **10**, 33–37.
- Berkhout, A. J., and Wapenaar, C. P. A., 1990a, Delphi: Delft philosophy on acoustic and elastic inversion: *The Leading Edge*, **09**, 30–33.
- , 1990b, Delphi: Delft philosophy on acoustic and elastic inversion, part 2: *The Leading Edge*, **09**, 53–59.
- Bertagne, A., 1995, Geophysicists, 3-D integrated studies, and the future: *The Leading Edge*, **14**, 1182.
- , 1997a, The next two years of *The Leading Edge*: *The Leading Edge*, **16**, 1742–1743.
- , 1997b, Special issue: Mexico and central America: *The Leading Edge*, **16**, 1756.
- Bertagne, A. J., 1996, Interpreter's corner - To be certified or not to be? Lessons from landmen: *The Leading Edge*, **15**, 1092.
- Bertagne, A. J., and Banks, R. B., 1996, Interpreter's corner - Contouring conundrums continued: *The Leading Edge*, **15**, 1321–1322.
- Bertagne, A. J., and Herron, D., 1996, Interpreter's corner - The poetry of oil finding/what we do: *The Leading Edge*, **15**, 343.
- Bertagne, A. J., Williams, J., Dempsey, C., and Rogers, L. R., 1996, Interpreter's corner - Mystery line 1: The sequel: *The Leading Edge*, **15**, 712–720.
- Best, M. E., and Katsube, T. J., 1995, Shale permeability and its significance in hydrocarbon exploration: *The Leading Edge*, **14**, 165–170.

- Beydoun, W., 1995, IAC to strengthen ties among geophysicists worldwide: *The Leading Edge*, **14**, 655–656.
- Beyer, L. R., 1993, Contouring with center-line faults: Using fault geometry to your advantage, part 1: *The Leading Edge*, **12**, 1157–1160.
- , 1994, Seismic interpretation 40: Contouring with center-line faults: Using fault geometry to your advantage: *The Leading Edge*, **13**, 38–41.
- Bible, J. L., 1991, Memorial: Sam M. Penn: *The Leading Edge*, **10**, 52.
- Bjornsgaard, K., 1992, SEG's sixty-second annual international meeting and exposition opens October 25 in New Orleans: *The Leading Edge*, **11**, 17–26.
- Bjornsgaard, K. L., 1993, SEG's international exposition & 63rd annual meeting opens 26 September: *The Leading Edge*, **12**, 893–894.
- Blakeslee, S., 1994, Win-VSP simulation of crosswell data: *The Leading Edge*, **13**, 252–254.
- Bleistein, N., 1997, Memorial for Jack K. Cohen: *The Leading Edge*, **16**, 1049.
- Bloor, R., Deregowski, S., Nessim, M., and El-Kady, N., 1997, Practical depth imaging strategy in the Middle East: *The Leading Edge*, **16**, 1832–1836.
- Bone, M., 1992a, President's page: Opportunity out of chaos: *The Leading Edge*, **11**, 4.
- Bone, M. R., 1992b, President's page: *The Leading Edge*, **11**, 4.
- , 1993a, President's page: *The Leading Edge*, **12**, 664.
- , 1993b, Two views of a major challenge: *The Leading Edge*, **12**, 1010.
- Boone, R., 1996, Memorials - Carl H. Savit: *The Leading Edge*, **15**, 859–860.
- Boyd, T. M., 1997a, An introduction to this issue: *The Leading Edge*, **16**, 1010.
- , 1997b, The SEG multidisciplinary initiative: Teaching the essence of geophysics: *The Leading Edge*, **16**, 1039–1043.
- Brant, A. A., Lauritsen, E., Nabighian, M. N., Wait, J. R., Wieduwilt, W. G., and Zonge, K. L., 1996, Memorials - Charles L. Elliot: *The Leading Edge*, **15**, 1054.
- Breck, H., 1988, Memorial: H. M. Thralls: *The Leading Edge*, **07**, 44.
- Bretan, P. G., Nicol, A., Walsh, J. J., and Watterson, J., 1996, Interpreter's corner - Origin of some conjugate or 'X' fault structures: *The Leading Edge*, **15**, 812–816.
- Brew, G. E., Litak, R. K., Seber, D., Barazangi, M., Sawaf, T., and Al-Imam, A., 1997, Summary of the geological evolution of Syria through geophysical interpretation: Implications for hydrocarbon exploration: *The Leading Edge*, **16**, 1473–1482.

- Bridges, B., 1996, A Rocky Mountain high for spouses: *The Leading Edge*, **15**, 1108.
- Bridges, R., 1995, Memorial - Richard H. Angerer: *The Leading Edge*, **14**, 1149.
- , 1997, President's page: *The Leading Edge*, **16**, 1732.
- Bridges, S. R., 1990, The future of desktop computers in geophysics: *The Leading Edge*, **09**, 17–20.
- Brink, M., Kolbjornsen, K., and Ursin-Holm, B., 1993, Evaluation of 3-D coverage specs-a case study: *The Leading Edge*, **12**, 280–283.
- Brooks, L., 1997, Memorial for Paul E. ('Pete') Diamond: *The Leading Edge*, **16**, 1511.
- Brooks, L., and Proffitt, J., 1996, GSI remembered: A merry wake/A family reunion/A (very) brief history of GSI: *The Leading Edge*, **15**, 1148–1152.
- Brooks, L. D., 1991, ANWR revisited: *The Leading Edge*, **10**, 35–39.
- Brooks, L. D., and Bowles, L. G., 1993, Guidelines for geophysicists in the age of environmentalism (round table): *The Leading Edge*, **12**, 285–286.
- Brown, A., 1990, Discussion of 'Correction of seismic velocity distortion due to gas', by Susan Mastoris (TLE-9-2-26-29): *The Leading Edge*, **09**, 8.
- , 1993, When is 3-D not 3-D? (round table): *The Leading Edge*, **12**, 704.
- Brown, A. R., 1992, Seismic interpretation today and tomorrow: *The Leading Edge*, **11**, 10–15.
- , 1996, Interpreter's corner - Seismic attributes and their classification: *The Leading Edge*, **15**, 1090.
- Brown, R., 1994, Image quality depends on your point of view: *The Leading Edge*, **13**, 669–673.
- Brown, R. L., and Everett, J. R., 1991, Arbuckle exploration: Acquisition through seismic windows of the Ouachita thrust zone: *The Leading Edge*, **10**, 29–34.
- Browne, E. J. P., 1991, Keynote address, SEG 60th annual meeting: *The Leading Edge*, **10**, 25–37.
- Browne, E. J. P., and Bone, M. R., 1993, President's page: *The Leading Edge*, **12**, 77–78.
- Brune, R. H., O'Sullivan, B., and Lu, L., 1994, Comprehensive analysis of marine 3-D bin coverage: *The Leading Edge*, **13**, 757–762.
- Bryan, J. G., 1993, On scientific writing: The need for more conviction and subjectivity: *The Leading Edge*, **12**, 346–347.

- Buchanan, D. J., and Jackson, L. J., 1986a, Coal Geophysics: Soc. of Expl. Geophys.
- , 1986b, Introduction to 'Coal geophysics' (Reprint series) *in* Jackson, L. J., Ed., Coal geophysics. Soc. of Expl. Geophys., 7.
- Burch, L. A., and Johnston, L. K., 1993a, Developing a salt dome prospect with through tubing, through casing salt proximity surveys: *The Leading Edge*, **12**, 824–827.
- , 1993b, Developing a salt dome prospect with through tubing, through casing salt proximity surveys (corrected version): *The Leading Edge*, **12**, 1072–1075.
- Burke, N. L., and Knapp, S., 1995, Imaging advances in the Colombian foothills: *The Leading Edge*, **14**, 677–679.
- Butler, D. K., 1997a, Landmines and UXO: *The Leading Edge*, **16**, 1460.
- Butler, D. K., Sjostrom, K. J., and Llopis, J. L., 1997a, Selected short stories on novel applications of near-surface geophysics: *The Leading Edge*, **16**, 1593–1600.
- Butler, J. C., 1997b, The internet's role in learning...Pandora's box or the missing link?: *The Leading Edge*, **16**, 1033–1036.
- Butler, J. R., Hodgson, R. N., and Stark, P., 1997b, The realities of achieving data integration: *The Leading Edge*, **16**, 1417–1422.
- Butler, M. D., 1994, Round table: An introduction to the meteor impact process: *The Leading Edge*, **13**, 188–191.
- , 1996, Round table - The MI theory: A reply and further comments: *The Leading Edge*, **15**, 384–391.
- Cady, F., and Tucker, P., 1991, Memorial: Walker Josselyn: *The Leading Edge*, **10**, 50.
- Caldwell, J., 1996, President's page: *The Leading Edge*, **15**, 888.
- Campos-Enriquez, J. O., Arzate, J. A., Urrutia-Fucugauchi, J., and Delgado-Rodriguez, O., 1997a, The subsurface structure of the Chicxulub crater (Yucatan, Mexico): Preliminary results of a magnetotelluric study: *The Leading Edge*, **16**, 1774–1777.
- Campos-Enriquez, J. O., Diaz-Navarro, R., Espindola, J. M., and Mena, M., 1996, Chicxulub - Subsurface structure of impact crater inferred from gravity and magnetic data: *The Leading Edge*, **15**, 357–359.
- Campos-Enriquez, J. O., Flores-Marquez, L., and Chavez-Segura, R., 1997b, Geophysical characterization of hydrogeologic systems: *The Leading Edge*, **16**, 1769–1773.
- Canning, A., and Gardner, G. H. F., 1996, Another look at the question of azimuth: *The Leading Edge*, **15**, 821–823.
- Carlson, J. F., 1993, Toward teraflops performance in supercomputing: *The Leading Edge*, **12**, 692–693.

- Carlson, J. F., and Bone, M. R., 1993, President's page: The perils of cutting research: The Leading Edge, **12**, 736.
- Carrion, P., and Bohm, G., 1994, Seismic reflection tomography via simulated annealing: The Leading Edge, **13**, 679–682.
- Carrion, P., Persoglia, S., and Poletto, F., 1995, High resolution travelttime imaging: The Leading Edge, **14**, 26–28.
- Carswell, D. A., 1996, Choosing a keynote speaker is easy. sometimes: The Leading Edge, **15**, 1099.
- Carter, M. D., 1993, Monitoring depth conversions using a normalized velocity- lithology correlation: The Leading Edge, **12**, 766–769.
- , 1995, 1994 SEG Award Citations: Fessenden Award for Donald W. Rockwell: The Leading Edge, **14**, 105–106.
- Cary, P., and Upham, W., 1992, An evaluation of neural networks: The Leading Edge, **11**, 45–47.
- Cary, P. W., 1993, Discussion of 'The accuracy of estimating Q from seismic data' (GEO-57-11-1992), by R. E. white: The Leading Edge, **12**, 256.
- Casserly, R., and Marion, B. P., 1992, Drill-bit source salt-proximity surveys for real-time determination of bit position: The Leading Edge, **11**, 37–41.
- Castagna, J., 1995a, Problems, puzzles, and pitfalls: Exploration questions and answers: The Leading Edge, **14**, 320.
- , 1996a, Exploration questions and answers: The sequel: The Leading Edge, **15**, 43–45.
- Castagna, J. P., 1993, Petrophysical imaging using AVO: The Leading Edge, **12**, 172–178.
- , 1994, Communication, integration and the next geophysical frontier: The Leading Edge, **13**, 32–36.
- , 1995b, Intersecting faults, sealing faults, and other exploration issues: The Leading Edge, **14**, 1187–1188.
- , 1996b, Leader of the pack: The Leading Edge, **15**, 1245–1247.
- , 1996c, Resonance: The Leading Edge, **15**, 1142–1144.
- , 1996d, Round table - Introduction: The Leading Edge, **15**, 383.
- Castagna, J. P., Han, D.-H., and Batzle, M. L., 1995, Issues in rock physics and implications for DHI interpretation: The Leading Edge, **14**, 883–885.

- Castagna, J. P., and Swan, H. W., 1997, Principles of AVO crossplotting: *The Leading Edge*, **16**, 337–342.
- Chambers, R. L., Rai, C. S., and Kelly, M. C., 1992, SEG/Moscow '92: A landmark conference: *The Leading Edge*, **11**, 10–12.
- Chapin, D. A., 1996, The theory of the Bouguer gravity anomaly: A tutorial: *The Leading Edge*, **15**, 361–363.
- Chelidze, T., 1997, Do we really need to know fractals?: *The Leading Edge*, **16**, 395–396.
- Chen, C.-S., 1997, Refining TEM data from complicated areas by using trend surface analysis: *The Leading Edge*, **16**, 1687–1688.
- Chen, Q., and Sidney, S., 1997, Seismic attribute technology for reservoir forecasting and monitoring: *The Leading Edge*, **16**, 445–456.
- Chimblo, R. D., 1995, Round table-issues related to reduced cost and increased productivity in acquisition, processing, and integration of 3-D seismic data: *The Leading Edge*, **14**, 1135–1137.
- Christopherson, K. R., 1991, Applications of magnetotellurics to petroleum exploration in Papua New Guinea: A model for frontier areas: *The Leading Edge*, **10**, 21–27.
- , 1996, Applications of electrical methods in difficult terrain in China: A review of the Beijing symposium: *The Leading Edge*, **15**, 1160–1163.
- , 1997, Current uses of electrical methods can enlighten you: *The Leading Edge*, **16**, 353.
- Claerbout, J., 1990, Eliminating crosstalk: *The Leading Edge*, **09**, 38–40.
- Claerbout, J. F., 1991, A scrutiny of the introduction: *The Leading Edge*, **10**, 39–41.
- Clark, D., 1988, Milton Dobrin: *The Leading Edge*, **07**, 12–15.
- , 1989, A portrait of Mr. de: *The Leading Edge*, **08**, 74–75.
- , 1990, Theodor Krey: *The Leading Edge*, **09**, 13–17.
- , 1991a, Mark Berdichevsky: *The Leading Edge*, **10**, 34–35.
- , 1991b, Raymond A. Peterson: *The Leading Edge*, **10**, 37–39.
- , 1992, The SEG scholarship program: Three perspectives: *The Leading Edge*, **11**, 11–13.
- , 1993a, Franklyn K. Levin: *The Leading Edge*, **12**, 1062–1065.
- , 1993b, A geophysicist and the dating game: *The Leading Edge*, **12**, 288–289.

- , 1993c, Is there a science to writing (particularly science writing) and, if not, why not?: *The Leading Edge*, **12**, 338–341.
- , 1993d, Joint symposium on horizontal drilling: *The Leading Edge*, **12**, 854.
- , 1993e, SEG 1992 Award Citations: Special Commendation Award Citation for George McGhee: *The Leading Edge*, **12**, 92.
- , 1994a, Round table: Introducing an introduction: *The Leading Edge*, **13**, 187.
- , 1994b, Svenfest: *The Leading Edge*, **13**, 778–782.
- Clark, R. D., 1982a, J. Tuzo Wilson: *The Leading Edge*, **01**, 17–23.
- , 1982b, Microcline mimic may be possible exploration tool: *The Leading Edge*, **01**, 39–40.
- , 1982c, Virgil Kauffman: *The Leading Edge*, **01**, 16–29.
- Clawson, S., and Favret, P., 1997, 3-D reservoir characterization with horizon visualization and inversion animation: *The Leading Edge*, **16**, 1744–1748.
- Clement, W. P., Cardimona, S., Endres, A. L., and Kadinsky-Cade, K., 1997, Site characterization at the groundwater remediation field laboratory: *The Leading Edge*, **16**, 1617–1621.
- Coban, M. K., Gonulalan, A. U., and Gurel, M. M., 1997, Oil and gas exploration in Turkey to intensify; joint ventures to be emphasized: *The Leading Edge*, **16**, 917–918.
- Cole, J. H., 1997, The orbital vibrator, a new tool for characterizing interwell reservoir space: *The Leading Edge*, **16**, 281–283.
- Collins, W., 1996, Memorials - C. W. Payne: *The Leading Edge*, **15**, 858.
- Comm., S. E. -D. M., 1994, Progress report from the SEG/EAEG 3-D modeling committee: *The Leading Edge*, **13**, 110–112.
- Committee, S. E., and Bone, M. R., 1993, President's page - State of research: *The Leading Edge*, **12**, 248.
- Committee, S. I., 1994, A case for case histories: *The Leading Edge*, **13**, 106–107.
- Conroy, D., 1997, Memorial for Donald west Rockwell: *The Leading Edge*, **16**, 1510.
- Corbett, J., 1996, 1995 SEG Award citations: Enterprise Award for Kenneth L. Zonge: *The Leading Edge*, **15**, 103–104.
- Cordell, L., Phillips, J. D., and Godson, R. H., 1993, USGS potential-field geophysical software for PC and compatible microcomputers: *The Leading Edge*, **12**, 290.
- da Costa, C. A., 1995, President's page - Latin American issue: Another step toward internationalization: *The Leading Edge*, **14**, 652.

- Coulombe, C. A., and Bird, D. N., 1996, Transmission filtering by high-amplitude reflection coefficients: Theory, practice, and processing considerations: *The Leading Edge*, **15**, 1037–1042.
- Crampin, S., 1990, The potential of shear-wave VSPs for monitoring recovery: A letter to management: *The Leading Edge*, **09**, 50–52.
- Cressman, K. S., 1995, Memorial - W. J. Zwart: *The Leading Edge*, **14**, 214.
- Crice, D., 1993, A new feature in TLE: Late arrivals: *The Leading Edge*, **12**, 828.
- , 1994, Late arrivals: *The Leading Edge*, **13**, 88–89.
- Dalla, S., Harby, H., and Serazzi, M., 1997, Hydrocarbon exploration in a complex incised valley fill: An example from the late Messinian Abu Madi formation (Nile delta basin, Egypt): *The Leading Edge*, **16**, 1819–1824.
- d'Angelo, R. M., Brandal, M. K., and Rorvik, K. O., 1997, Porosity detection and mapping in a basinal carbonate setting, offshore Norway *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 321–336.
- Daniels, J., 1988, Geotechnical applications 2 - Locating caves, tunnels and mines: *The Leading Edge*, **07**, 32–37.
- Darden, C. F., 1995, Electronic data disclosures: *The Leading Edge*, **14**, 49.
- Davidson, M. J., 1982, On unconventional methods of exploration: *The Leading Edge*, **01**, 73–75.
- , 1991, Geochemistry and Leo Horvitz: *The Leading Edge*, **10**, 101–102.
- Davies, R. K., Crawford, M., Dula, W. F., Cole, M. J., and Dorn, G. A., 1997, Outcrop interpretation of seismic-scale normal faults in southern Oregon: Description of structural styles and evaluation of subsurface interpretation methods: *The Leading Edge*, **16**, 1135–1141.
- Davis, T., 1996, Some easy lessons in technical program chairing: *The Leading Edge*, **15**, 1102.
- Davis, T. L., 1990, The road ahead (President's page): *The Leading Edge*, **09**, 4.
- , 1992, SPG/SEG 1990 carbonate exploration symposium: *The Leading Edge*, **11**, 38–41.
- Dawson, L. D., 1989, President's page: *The Leading Edge*, **08**, 4.
- , 1990, President's page: *The Leading Edge*, **09**, 4.
- , 1991, Presidential address, SEG 60th annual meeting: *The Leading Edge*, **10**, 30–31.

- Deeplook, M. O., Raikes, S., and Stoessel, E., 1997, Deeplook: The fluid imaging collaboration: *The Leading Edge*, **16**, 1499–1504.
- Dees, J., 1991, Arctic offshore potential: *The Leading Edge*, **10**, 42–44.
- Dellinger, J., 1992, Electronic mail for geophysicists: *The Leading Edge*, **11**, 37–40.
- Dellinger, J., and Nolte, B., 1997, A crossed-dipole reciprocity 'paradox': *The Leading Edge*, **16**, 1465–1471.
- DeMartini, D. C., 1992, Memorial: Emanuel Baskir: *The Leading Edge*, **11**, 64.
- Demirbag, E., 1990, Discussion of 'Quick screen for AVO anomalies', by Wai-Ching Ho (TLE-8-12-72-73): *The Leading Edge*, **09**, 8.
- Deng, H. L., Gouveia, W., and Scales, J. A., 1996, The CWP object-oriented optimization library: *The Leading Edge*, **15**, 365–369.
- Denham, J., 1994, Round table: Neidell's conjecture considered: *The Leading Edge*, **13**, 314–315.
- Denham, J. I., 1990, Discussion of 'Estimating the value of a geophysical survey', by William Knight (TLE-8-10-46-48): *The Leading Edge*, **09**, 8.
- Denning, P. J., 1997, The new University: *The Leading Edge*, **16**, 1013–1016.
- Devault, J., 1990, President's page: Closing the loop: *The Leading Edge*, **09**, 4.
- Dickson, T. S., Ryskamp, A. P., and Morgan, W. D., 1992, Success through a multidisciplinary approach: A case history: *The Leading Edge*, **11**, 27–32.
- Dilay, A., and Eastwood, J., 1995, Spectral analysis applied to seismic monitoring of thermal recovery: *The Leading Edge*, **14**, 1117–1122.
- Disiena, J., 1993, 44th international science and engineering fair: *The Leading Edge*, **12**, 944.
- Disiena, J. P., 1991a, The 42nd ISEF: Awards for excellence in high school science: *The Leading Edge*, **10**, 56.
- , 1991b, President's page: A focus on what we do best: *The Leading Edge*, **10**, 4.
- , 1991c, President's page: Geophysical spring: *The Leading Edge*, **10**, 4.
- Dolson, J. C., Steer, B., Garing, J., Osborne, G., Gad, A., Amr, H., and Mika, J., 1997, 3-D seismic and workstation technology bring technical revolution to The Gulf of Suez petroleum company: *The Leading Edge*, **16**, 1809–1817.
- Domenico, N., 1992, Memorial: Karl Dyk: *The Leading Edge*, **11**, 58.
- , 1994, The SEG Museum's torsion balance: *The Leading Edge*, **13**, 683–686.
- , 1995, Poisson's ratio-an interdisciplinary link?: *The Leading Edge*, **14**, 983–986.

- , 1996, The Mintrop mechanical seismograph: *The Leading Edge*, **15**, 1049–1052.
- , 1997, In defense of papers published in geophysics: *The Leading Edge*, **16**, 1425–1426.
- Domenico, S. N., 1991a, Beijing Computer Center: *The Leading Edge*, **10**, 40–41.
- , 1991b, Comment on 'Standardizing seismic sections', by Jack L. Mataya and J. R. patch (TLE-9-8-41-41): *The Leading Edge*, **10**, 39.
- Donze, T. W., 1992, The very real costs of environmental regulation (round table): *The Leading Edge*, **11**, 40–41.
- Dooley, J. D., and Chamberlain, N. G., 1993, Memorial: Robert F. Thyer: *The Leading Edge*, **12**, 56.
- Dorn, G. A., Cole, M. J., and Tubman, K. M., 1995, Visualization in 3-D seismic interpretation: *The Leading Edge*, **14**, 1045–1049.
- Downey, M. W., 1990, Faulting and hydrocarbon entrapment: *The Leading Edge*, **09**, 20–22.
- Dragoset, B., 1996, President's page - The new SEG seismic activity report: *The Leading Edge*, **15**, 1078.
- Dragoset, B., Cotton, R., and Tree, E., 1992, SEG 1991 research workshop, part 1: *The Leading Edge*, **11**, 37–42.
- Dragoset, W. H., 1990, Air-gun array specs: A tutorial: *The Leading Edge*, **09**, 24–32.
- Duncan, P. M., Gardner, E. B., and Nester, D. C., 1997, 3-D seismic imaging in real-time: What's stopping U.S.?: *The Leading Edge*, **16**, 1402–1409.
- Duncan, P. M., Nester, D. C., McCuen, M. D., and West, M., 1996, Interpreter's corner - AV - Oh more practical lessons have emerged while applying AVO in south Texas' Yegua gas trend: *The Leading Edge*, **15**, 1220–1228.
- Dunne, J. C., Beresford, G., and Kennett, B. L. N., 1996, Interpreter's corner - Identifying and suppressing noise in seismic data from the Gippsland basin (Australia): *The Leading Edge*, **15**, 993–1000.
- Dupis, A., 1997, 1961-1994: A third of a century of magnetotellurics: *The Leading Edge*, **16**, 497–500.
- Early, P. J., 1991, Challenge and promise: The future of the energy business: *The Leading Edge*, **10**, 44–46.
- Eastwood, J., Lebel, P., Dilay, A., and Blakeslee, S., 1994, Seismic monitoring of steam-based recovery of bitumen: *The Leading Edge*, **13**, 242–251.
- Ebrom, D., Li, X., McDonald, J., and Lu, L., 1995, Bin spacing in land 3-D seismic surveys and horizontal resolution in time slices: *The Leading Edge*, **14**, 37–40.

- Ebrom, D., McDonald, J., and Tatham, B., 1992, Sideswipe in a 3-D, 3-C model survey: The Leading Edge, **11**, 45–51.
- Eckles, B., 1997, The value of an undergraduate degree in geophysics: The Leading Edge, **16**, 1030–1031.
- Edleson, L. J., and McCormack, M. D., 1997, The next dimension in technical program assembly: The Leading Edge, **16**, 1104–1105.
- Edwards, C., 1992a, President's page: Myopia and the half-filled glass: The Leading Edge, **11**, 4.
- Edwards, D., and Morgan, N., 1996, SEG international affairs committee seeks increased activity in Africa/Middle East: The Leading Edge, **15**, 46.
- Edwards, P. B., 1992b, The untapped potential of seismic imaging (round table): The Leading Edge, **11**, 29–34.
- Egan, M. S., Dingwall, K., and Kapoor, J., 1991, Shooting direction: A 3-D marine survey design issue: The Leading Edge, **10**, 37–41.
- Eiken, O., and Meldahl, P., 1996, Effects of spatial sampling of marine 3-D seismic data: A case study: The Leading Edge, **15**, 825–830.
- Eisner, E., 1996, Round table - Research in the oil industry: The Leading Edge, **15**, 48–49.
- , 1997, A technique whose time has come?: The Leading Edge, **16**, 171–172.
- Elliott, P., 1996, New airborne electromagnetic method provides fast deep-target data turnaround: The Leading Edge, **15**, 309–310.
- Enachescu, M. E., 1993, Amplitude interpretation of 3-D reflection data: The Leading Edge, **12**, 678–685.
- Evans, B. J., 1995a, Long division revisited: The Leading Edge, **14**, 1039.
- , 1995b, Long division solves the mathematics of inverse convolution: The Leading Edge, **14**, 321–322.
- Eventov, L., 1997, Applications of magnetic methods in oil and gas exploration: The Leading Edge, **16**, 489–492.
- Fagan, A. J., 1993, Some scientific writing traps (round table): The Leading Edge, **12**, 1178–1179.
- Fagin, S., 1996, The fault shadow problem: Its nature and elimination: The Leading Edge, **15**, 1005–1013.
- Fanchao, Z., Fengzeng, X., and Jianping, Z., 1988, Grade determination of ore beds by well-logging in-situ in Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 447–470.

- Feineman, D. R., 1993, The harsh reality of large, integrated data volumes: The Leading Edge, **12**, 1175–1177.
- Fengtong, Z., Weiguo, L., and Yanlong, M., 1988, Development and application of the frequency-domain airborne electromagnetic method in China *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 355–380.
- Ferrill, D. A., and Morris, A. P., 1997, Geometric consideration of deformation above curved normal faults and salt evacuation surfaces: The Leading Edge, **16**, 1129–1133.
- Ferris, C., 1997, Memorial for William Theodore (Ted) Born, Jr.: The Leading Edge, **16**, 1508.
- Fertig, J., 1989, Mintrop seminars in Germany: History and ideas: The Leading Edge, **08**, 42–43.
- Fischer, K., Holling, M., Marschall, R., and Mau, J., 1997, Remarks on exploration tools: Integrated exploration strategy applied to carbonate environments *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 203–222.
- Fisher, K. C., Mueller, U., and Ma, R., 1997, Development of an exploration concept for the Shuaiba formation using seismic sequence and facies analysis with forward modeling *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 407–416.
- Fisher, W. L., 1991, Future supply potential of U.S. oil and natural gas: The Leading Edge, **10**, 15–21.
- Fitchen, W. M., 1997, Carbonate sequence stratigraphy and its application to hydrocarbon exploration and reservoir development *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 121–178.
- Fitterman, D. V., and Corbett, J. D., 1989, SAGEEP '89: The Leading Edge, **08**, 39–40.
- Fjaer, E., and Holt, R. M., 1994, Rock acoustics and rock mechanics: Their link in petroleum engineering: The Leading Edge, **13**, 255–258.
- Flakes, L. G., and Fillon, R. H., 1997, Risk analysis of a shallow offshore gas reservoir: The Leading Edge, **16**, 225–232.
- Foster, D. J., Keys, R. G., and Reilly, J. M., 1997, Another perspective on AVO crossplotting: The Leading Edge, **16**, 1233–1237.
- Francis, A., 1997, Acoustic impedance inversion pitfalls and some fuzzy analysis: The Leading Edge, **16**, 275–278.
- Frank, A. R., 1991, The Bryn Mawr connection: The Leading Edge, **10**, 47–48.
- Frasher, J. H., 1995, Memorial - Kenneth E. Peterson: The Leading Edge, **14**, 58.

- Frei, W., 1995, Refined field static corrections in near-surface reflection profiling across rugged terrain: *The Leading Edge*, **14**, 259–262.
- French, B., 1992a, President's page - Geophysical meetings: *The Leading Edge*, **11**, 4.
- French, W., 1992b, Memorial: H. L. Grant: *The Leading Edge*, **11**, 56.
- French, W. S., 1991a, President's page: A world community: *The Leading Edge*, **10**, 4.
- , 1991b, President's page: Intersocietal communication: *The Leading Edge*, **10**, 4.
- , 1992c, Implications of parallel computation in seismic data processing: *The Leading Edge*, **11**, 22–25.
- , 1992d, President's page: Any ideas?: *The Leading Edge*, **11**, 4.
- , 1992e, President's page: Where are we going: *The Leading Edge*, **11**, 6–9.
- , 1993, Presidential address: *The Leading Edge*, **12**, 97–99.
- Frikken, H. W., 1995, Letter to editors: X-pattern: *The Leading Edge*, **14**, 1189.
- Fruhling, D. H., and Grieco, D. K., 1997, What you always wanted to know about annual meeting sponsorships but were afraid to ask: *The Leading Edge*, **16**, 984–985.
- Fuller, B., 1997, The expected net present value of crosswell seismic data: *The Leading Edge*, **16**, 1262–1265.
- Fuller, B., and Pennington, W., 1994, Development and production geophysics: The role of the SEG summer forums: *The Leading Edge*, **13**, 239–240.
- Gallacher, J., and Harris, S., 1997, Memorial for B. Fred Howe: *The Leading Edge*, **16**, 949.
- Gangi, A. F., 1995, Letter to editors: X-pattern: *The Leading Edge*, **14**, 1188–1189.
- Garipov, V., Gogonenkov, G., and Mikhaltsev, A., 1993, Geologic problems, geophysical solutions: *The Leading Edge*, **12**, 1015–1018.
- Garland, J. C., 1992, Advice to beginning physics speakers: *The Leading Edge*, **11**, 50–52.
- Gastaldi, C., Biguenet, J. P., and de Pazzis, L., 1997, Reservoir characterization from seismic attributes: An example from the Peciko field (Indonesia): *The Leading Edge*, **16**, 263–266.
- Gausland, I., 1997, President's page - What's in a name?: *The Leading Edge*, **16**, 432.
- Gendzwill, D., 1993, Discussion of '3-D depth migration in the early '50s', by Klaus Helbig (TLE-12-2-103-111): *The Leading Edge*, **12**, 674.

- Geyer, R. A., 1991, The Offshore Technology Research Center: The Leading Edge, **10**, 33–35.
- Geyer, R. L., 1992, The period/wavelength map - An old field tool that still works: The Leading Edge, **11**, 24–28.
- , 1993, Spindletop cross-borehole survey, 1961: The Leading Edge, **12**, 26–31.
- Gibson, G. R., 1991, Memorial: Francis Gibson: The Leading Edge, **10**, 51.
- Gillespie, R., 1997, Spindletop - Part 6: Competition for Guffey: The Leading Edge, **16**, 1067–1068.
- Gillespie, R. H., 1995a, Rise of the Texas oil industry, part 1: Exploration at Spindletop: The Leading Edge, **14**, 22–24.
- , 1995b, Rise of the Texas oil industry, part 2: Spindletop changes the world: The Leading Edge, **14**, 113–117.
- , 1995c, Rise of the Texas oil industry, part 3: Spindletop field confirmation, new companies: The Leading Edge, **14**, 957–958.
- , 1996a, Rise of the Texas oil industry: Part 4: Guffey's new company: The Leading Edge, **15**, 32–34.
- , 1996b, Rise of the Texas oil industry: Part 5: Guffey in trouble, the Mellons take over: The Leading Edge, **15**, 1164–1166.
- Gluck, S., Juve, E., and Lafet, Y., 1997, High-resolution impedance layering through 3-D stratigraphic inversion of poststack seismic data: The Leading Edge, **16**, 1309–1315.
- Gochioco, L., 1993, Discussion of President's page on near-surface geophysics section (TLE-12-3-148): The Leading Edge, **12**, 672.
- Gochioco, L. M., 1990, Seismic surveys for coal exploration and mine planning: The Leading Edge, **09**, 25–28.
- , 1991, Advances in seismic reflection profiling for U.S. coal exploration: The Leading Edge, **10**, 24–29.
- Gogonenkov, G. N., 1997, 1996 Award citations: Life Membership for Valery Z. Garipov: The Leading Edge, **16**, 168–169.
- Goodfellow, K., 1991, 1990 geophysical activity report: The Leading Edge, **10**, 45–72.
- Goodwin, E., 1995, Memorial - Walter J. Osterhoudt: The Leading Edge, **14**, 1003.
- Gorell, S. B., 1995, Using geostatistics to aid in reservoir characterization: The Leading Edge, **14**, 967–974.

- Goupillaud, P., 1992, Three new mathematical developments on the geophysical exploration horizon (round table): *The Leading Edge*, **11**, 40–42.
- Goupillaud, P. L., 1991, The role of chaotic dynamics and fractal geometry in exploration: *The Leading Edge*, **10**, 25–27.
- Graebner, R. J., 1994, Memorial: Cameron B. (cam) Wason: *The Leading Edge*, **13**, 786–787.
- Grant, H. L., 1990, President's page: *The Leading Edge*, **09**, 4.
- , 1991a, President's page: *The Leading Edge*, **10**, 4–5.
- , 1991b, President's page: *The Leading Edge*, **10**, 4–5.
- , 1991c, President's page: When the going gets tough, the tough get going: *The Leading Edge*, **10**, 4.
- , 1992, Presidential address: *The Leading Edge*, **11**, 50–51.
- Gray, C. D., Enochson, P., Hanson, E., Marshall, J., J. M., Palmore, D., Peacock, B., and Schlultz, L., 1996, Memorial - Graves E. noble: *The Leading Edge*, **15**, 957.
- Gray, S. H., 1995, 1994 SEG Award Citations: Virgil Kauffman Medal for Davis W. Ratcliff: *The Leading Edge*, **14**, 106–107.
- , 1997, Seismic imaging: Use the right tool for the job: *The Leading Edge*, **16**, 1585–1588.
- Green, B. J., 1996, Pioneering a workstation session: *The Leading Edge*, **15**, 1104.
- Green, C., 1993, SEG 1992 Award Citations: Honorary Membership Citation for John Hyden: *The Leading Edge*, **12**, 90–91.
- Green, T., 1990, The brothers green: A family's exploration odyssey: *The Leading Edge*, **09**, 60–63.
- Greenhouse, J., Brewster, M., Schneider, G., Redman, D., Annan, P., Olhoeft, G., Lucius, J., Sander, K., and Mazzella, A., 1993, Geophysics and solvents: The Borden experiment: *The Leading Edge*, **12**, 261–267.
- Greenhouse, J. P., 1991, Environmental geophysics: It's about time: *The Leading Edge*, **10**, 32–34.
- Greenlee, S. M., Gaskins, G. M., and Johnson, M. G., 1994, 3-D seismic benefits from exploration through developments: An Exxon perspective: *The Leading Edge*, **13**, 730–734.
- Greve, G., 1991, President's page: *The Leading Edge*, **10**, 4.
- , 1992a, President's page: SEG + CIS = opportunity: *The Leading Edge*, **11**, 4.

- , 1995a, President's page - Multidisciplinary teams: *The Leading Edge*, **14**, 1106.
- , 1995b, President's page - Networking: *The Leading Edge*, **14**, 1172.
- Greve, G. M., 1992b, Functions of district representatives: *The Leading Edge*, **11**, 44–45.
- , 1992c, Geoscience in reservoir development - A sleeping giant: *The Leading Edge*, **11**, 34–36.
- , 1996a, President's page: *The Leading Edge*, **15**, 1208.
- , 1996b, President's page - International meetings: *The Leading Edge*, **15**, 984.
- , 1996c, President's page - Local geophysical societies: *The Leading Edge*, **15**, 800.
- , 1996d, President's page - Nominations for office: *The Leading Edge*, **15**, 4.
- , 1996e, President's page - The SEG Foundation: An update: *The Leading Edge*, **15**, 332.
- Griffiths, D. H., 1982, British academic geophysics quite relevant: *The Leading Edge*, **01**, 74–75.
- Guangchu, X., 1988, Success of geophysics for nonferrous metal ore deposits in south China in Jingxiang, Z., Ed., *An overview of exploration geophysics in China*. Soc. of Expl. Geophys., 487–500.
- Guangding, L., 1988, An overview of geophysical activities in China: *The Leading Edge*, **07**, 23–25.
- Hall, D. J., Adamick, J. A., Skoyles, D., Dewildt, J., and Erickson, J., 1995, AVO as an exploration tool: Gulf of Mexico case studies and examples: *The Leading Edge*, **14**, 863–869.
- Hall, E. M., 1989, Memorial: Harold A. Sears: *The Leading Edge*, **08**, 55.
- Halstead, P. H., and Diaz, R., 1995, Seismic stratigraphic definition of Auca field reservoirs: *The Leading Edge*, **14**, 692–699.
- Hamilton, T. M., 1993a, Cooperation in the Russian energy sector: *The Leading Edge*, **12**, 1010–1014.
- , 1993b, Unbundling a monolith: Can a balance be struck between global politics, finance, prospects, and technology?: *The Leading Edge*, **12**, 1165–1168.
- Hammer, S., 1982, Airborne gravity is here: *The Leading Edge*, **01**, 69–72.
- Hampson, D., 1991, AVO inversion, theory and practice: *The Leading Edge*, **10**, 39–42.
- Hanson, J. C., Tweeton, D. R., and Friedel, M. J., 1993, A geophysical field experiment for detecting and monitoring conductive fluids: *The Leading Edge*, **12**, 930–931.

- Hardage, B., and Perelberg, A. I., 1991, Memorial: E. I. Galperin: *The Leading Edge*, **10**, 50–51.
- Hardage, B. A., 1996, Boonsville 3-D data set: *The Leading Edge*, **15**, 835–837.
- Harris, D. W., 1996, The lazy man's guide to hydrocarbon exploration in the universe: *The Leading Edge*, **15**, 1142–1144.
- Harrison, C., 1995, Memorial - Lucien LaCoste: *The Leading Edge*, **14**, 1002–1003.
- Hart, B., 1996, Interpreter's corner - 3-D seismic interpreters survey: *The Leading Edge*, **15**, 1094.
- , 1997, 3-D seismic: What makes interpreters tick?: *The Leading Edge*, **16**, 1114–1119.
- Hartse, H. E., and Knapp, J. S., 1990, Understanding offset VSP: *The Leading Edge*, **09**, 30–36.
- Harvey, P., and Farebrother, G., 1996, Making data readily accessible: *The Leading Edge*, **15**, 1357–1358.
- Harvey, P. J., 1993, Porosity identification using amplitude variations with offset in Jurassic carbonate, offshore Nova Scotia: *The Leading Edge*, **12**, 180–184.
- Hassanzadeh, S., and Mosher, C. C., 1996, Java: Object-oriented programming for the Cyber age: *The Leading Edge*, **15**, 1379–1381.
- Hayum, B., and Stallings, J., 1995, Reconciling conservation and development in Ecuador: New technology helps resolve traditional conflicts: *The Leading Edge*, **14**, 681–683.
- He, Z. X., 1997, Differential processing of MT curves: *The Leading Edge*, **16**, 391–392.
- Helbig, K., 1993a, 3-D depth migration in the early '50s: *The Leading Edge*, **12**, 103–111.
- , 1993b, Geometric reasoning: *The Leading Edge*, **12**, 852.
- , 1994, Geometric reasoning: Different kinds of average velocity: *The Leading Edge*, **13**, 117–118.
- , 1995, Memorial - Theodor Krey: *The Leading Edge*, **14**, 288.
- Helland-Hansen, D., Magnus, I., Edvardsen, A., and Hansen, E., 1997, Seismic inversion for reservoir characterization and well planning in the Snorre field: *The Leading Edge*, **16**, 269–273.
- Hill, S. J., 1990, Workstations: Problems they solve and problems they create: *The Leading Edge*, **09**, 24–26.

- Hilterman, F., 1990, Is AVO the seismic signature of lithology? A case history of Ship Shoal-south addition: *The Leading Edge*, **09**, 15–22.
- , 1994, SEG 1993 Award Citations: Honorary Membership Citation for John W.C. Sherwood: *The Leading Edge*, **13**, 98–99.
- , 1997a, President's page: *The Leading Edge*, **16**, 1562–1563.
- , 1997b, President's page - New SEG programs and services: *The Leading Edge*, **16**, 320.
- Hilterman, F., and Bridges, R., 1997, President's page - Corporations behind education: *The Leading Edge*, **16**, 1372–1373.
- Hilterman, F., and Verm, R., 1995, Planning ahead for Houston 95: *The Leading Edge*, **14**, 760–761.
- Hilterman, F. J., 1996a, President's page - Oil-finding tools of 1995-what tomorrow?: *The Leading Edge*, **15**, 80–82.
- , 1996b, President's page - On your mark, get set, go.: *The Leading Edge*, **15**, 1310.
- Hirsche, K., Porter-Hirsche, J., Mewhort, L., and Davis, R., 1997, The use and abuse of geostatistics: *The Leading Edge*, **16**, 253–260.
- Ho, W. C., 1989, Quick screen for AVO anomalies: *The Leading Edge*, **08**, 72–73.
- Hocht, G., Hubral, P., and Perroud, H., 1997, Migrating around on hyperbolas and parabolas: *The Leading Edge*, **16**, 473–476.
- Hodgkins, M. A., and O'Brien, M. J., 1994, Salt sill deformation and its implications for subsalt exploration: *The Leading Edge*, **13**, 849–851.
- Hongze, H., 1988, Seismic prospecting in the Zhungaer basin desert: *The Leading Edge*, **07**, 16–22.
- Hood, P., and Webster, S., 1991, Research workshop on airborne geophysics: *The Leading Edge*, **10**, 83–87.
- Hoover, G. M., 1991a, President's page: Global service: *The Leading Edge*, **10**, 4.
- , 1991b, President's page: The SEG of the future: *The Leading Edge*, **10**, 4.
- Hope, C., Kong, P., and Flentge, D., 1995, 3-D geometry for overthrust areas: *The Leading Edge*, **14**, 715–719.
- Hornsby, J. M., 1992, Exploration into the '90s: The partnership story: *The Leading Edge*, **11**, 26–29.
- Houck, R. T., House-Finch, N. J., Carpenter, D. G., and Johnson, M. L., 1996, Interpreter's corner - Mapping 3-D structure using 2-D seismic: *The Leading Edge*, **15**, 894–903.

- House, W. M., and Pritchett, J. A., 1994, Salt deformation modeling through the use of enhanced seismic imaging techniques: *The Leading Edge*, **13**, 844–848.
- Hubbard, S. S., Peterson, J. E., Majer, E. L., Zawislanski, P. T., Williams, K. H., Roberts, J., and Wobber, F., 1997, Estimation of permeable pathways and water content using tomographic radar data: *The Leading Edge*, **16**, 1623–1628.
- Hubral, P., 1995, 1994 SEG Award Citations: Honorary Membership for Johann Sattlegger: *The Leading Edge*, **14**, 107–108.
- Hubral, P., and Psencik, I., 1993, SEG 1992 Award Citations: Honorary Membership Citation for Vlastislav Cerveny: *The Leading Edge*, **12**, 90.
- Huffman, A. R., 1994, Impacts versus terrestrial processes: Separating fact from fiction: *The Leading Edge*, **13**, 311–313.
- Hughes, T., 1988, Geophysics in philately: *The Leading Edge*, **07**, 38–39.
- Hunzicker, A. A., 1982, Memorial: Delmar D. Moore: *The Leading Edge*, **01**, 91.
- Hussein, S., Desler, J., and Miller, G., 1997, Imaging salt substructures in The Gulf of Mexico using 3-D turning wave migration: *The Leading Edge*, **16**, 1487–1495.
- Hwang, L. F., and McCorkindale, D., 1994, Troll field depth conversion using geostatistically derived average velocities: *The Leading Edge*, **13**, 262–269.
- Ikelle, L. T., Amundsen, L., and Eiken, O., 1997, Multiple attenuation at primary/multiple interferences: The Troll example: *The Leading Edge*, **16**, 1751–1753.
- Ishii, Y., and Lines, L., 1991, SEGJ International Symposium on Geotomography: *The Leading Edge*, **10**, 30–31.
- Iverson, W. P., 1992, The state of petroleum engineering education: *The Leading Edge*, **11**, 46.
- Iwamoto, B., 1988, The miracle of Daqing: *The Leading Edge*, **07**, 26–30.
- Jack, I., 1996, Seismic system 2000: *The Leading Edge*, **15**, 1126–1128.
- Jackson, M. P. A., Vendeville, B. C., and Schultz-Ela, D. D., 1994, Salt-related structures in The Gulf of Mexico: A field guide for geophysicists: *The Leading Edge*, **13**, 837–842.
- Jankowsky, W. J., 1982, Communications among geophysicists: *The Leading Edge*, **01**, 55–56.
- Jarchow, C. M., Goodwin, E. B., and Catchings, R. D., 1990, Are large explosive sources applicable to resource exploration?: *The Leading Edge*, **09**, 12–17.
- Jenkins, S. D., Waite, M. W., and Bee, M. F., 1997, Time-lapse monitoring of the Duri steamflood: A pilot and case study: *The Leading Edge*, **16**, 1267–1273.

- Jensen, M. H. B., 1992, GPS in offshore oil and gas exploration: *The Leading Edge*, **11**, 30–34.
- Jigeng, Q., Qingjiang, T., and Li, F., 1988, A minicomputer-based differential method of interpretation of gamma-ray logs by a modified deconvolution technique *in* Jingxiang, Z., Ed., *An overview of exploration geophysics in China*. Soc. of Expl. Geophys., 409–446.
- Jin, D. J., and Hyun, B. K., 1992, International scientific advances: Geophysics in Korea: *The Leading Edge*, **11**, 55–57.
- Jin, Z., and Yang, R., 1997, Mapping Devonian shales in Guizhong subbasin by MT surveying: *The Leading Edge*, **16**, 371–372.
- Jiracek, G. R., Baldrige, W. S., and Hix, L. J., 1991, SAGE - A unique geophysical experience: *The Leading Edge*, **10**, 65–69.
- Johnson, J. D., 1992, Structural imaging in the real world: *The Leading Edge*, **11**, 32–36.
- Johnson, R., 1995a, President's page - Become involved in your interpretation committee: *The Leading Edge*, **14**, 834.
- Johnson, R. A., 1996, SEG in support of science education: A recap of the 47th ISEF: *The Leading Edge*, **15**, 1130–1131.
- Johnson, W. E., 1995b, Direct detection of gas in pre-Tertiary sediments: *The Leading Edge*, **14**, 119–122.
- Johnston, D. H., 1990, President's page: *The Leading Edge*, **09**, 4.
- , 1992, International dues fellowship announced: *The Leading Edge*, **11**, 69.
- Jones, S., 1992, Memorial: Gu Gongxu: *The Leading Edge*, **11**, 61.
- , 1993, SEG 1992 Award Citations: Life Membership Citation for Meng Ersheng: *The Leading Edge*, **12**, 91.
- Jordan, A. R., 1993, Memorial: Stanley W. Wilcox: *The Leading Edge*, **12**, 302.
- Jung, D., 1992, Instantaneous frequency: Discussion...and reply: *The Leading Edge*, **11**, 45–46.
- Jung, Y., Ibrahim, A., and Borns, D., 1991, Mapping fracture zones in salt: High-resolution, cross-gallery seismic tomography: *The Leading Edge*, **10**, 37–39.
- Justen, A., 1996, From the show floor: *The Leading Edge*, **15**, 1100.
- Kaikkonen, P., and Sharma, S. P., 1997, Delineation of near-surface structures using VLF and VLF-R data: An insight from the joint inversion results: *The Leading Edge*, **16**, 1683–1686.

- Kalkomey, C. T., 1997, Potential risks when using seismic attributes as predictors of reservoir properties: *The Leading Edge*, **16**, 247–251.
- Kaufman, A., 1994, SEG 1993 Award Citations: Enterprise Citation for James Duncan McNeill: *The Leading Edge*, **13**, 99–100.
- Kaufman, S., 1988, COCORP report - Utah Arizona and Montana regions: *The Leading Edge*, **07**, 40.
- Keaton, W. L., 1996, 1995 SEG Award citations: Virgil Kauffman Medal for Joe Iley Sanders: *The Leading Edge*, **15**, 103.
- Keller, G. V., 1997, Principles of time-domain electromagnetic (TDEM) sounding: *The Leading Edge*, **16**, 355–357.
- Kendall, R. R., and Davis, T. L., 1993, Noise analysis using a multicomponent surface seismic test spread: *The Leading Edge*, **12**, 1002–1006.
- , 1996, The cost of acquiring shear waves: *The Leading Edge*, **15**, 943–944.
- Kendall, R. R., and Kendall, J. M., 1996, Shear-wave amplitude anomalies in south-central Wyoming: *The Leading Edge*, **15**, 913–920.
- Keppner, G., 1991, Ludger Mintrop: *The Leading Edge*, **10**, 21–28.
- Kerekes, A. K., 1997a, An enigma: *The Leading Edge*, **16**, 1065–1066.
- , 1997b, The stack array and the spatial alias: *The Leading Edge*, **16**, 345–348.
- Kessler, D., Canales, L., Shih, C.-C., and Duncan, P., 1997, Controlled stacking for improved quality of prestack depth-migration results: *The Leading Edge*, **16**, 994–1002.
- Kessler, D., Reshef, M., Crase, E., Chan, W. K., Tsingas, C., and Hubbard, J., 1995, Depth processing: An example: *The Leading Edge*, **14**, 949–953.
- Kim, K. Y., 1996, Korean students conduct a seaside geophysical investigation: *The Leading Edge*, **15**, 291–292.
- Kim, Y. C., Samuelsen, C. M., and Hauge, T. A., 1996, Efficient velocity model building for prestack depth migration: *The Leading Edge*, **15**, 751–753.
- King, S. J., 1993, Discussion of 'Seismic interpretation today and tomorrow', by Alistair brown (TLE-11-11-10-13): *The Leading Edge*, **12**, 672.
- Knight, R., 1997, Introduction to this issue: Near-surface geophysics: *The Leading Edge*, **16**, 1589.
- Knight, R., Tercier, P., and Jol, H., 1997, The role of ground-penetrating radar and geostatistics in reservoir description: *The Leading Edge*, **16**, 1576–1582.

- Kramer, D. L., and Davis, T. L., 1992, Multicomponent VSPs for reservoir characterization, South Casper Field, Wyoming: *The Leading Edge*, **11**, 31–35.
- Krehbiel, S., 1993a, Case study: Depth estimates of seismic reflection data in SW Washington: *The Leading Edge*, **12**, 1076–1081.
- , 1993b, Cluster analysis applied to low relief structural interpretations: *The Leading Edge*, **12**, 831–836.
- , 1993c, Discussion of 'President's page', by Kathanne Lynch (TLE-11-8-4): *The Leading Edge*, **12**, 10.
- Kreisberg, V., Bogdanor, A., Solomatin, A., and Kozlov, E., 1992, Geophysical data processing on parallel computers in our experience: *The Leading Edge*, **11**, 45.
- Krohn, C., 1992, Cross-well continuity logging using guided seismic waves: *The Leading Edge*, **11**, 39–45.
- Krohn, C. E., Blakeslee, S. N., Chen, S. T., Myron, J. R., McClure, R. K., and Parks, J. T., 1995, A cost-effective reservoir imaging method using multiazimuth offset VSPs: *The Leading Edge*, **14**, 787–794.
- Kronberger, F., and Schoenberger, M., 1994, President's page: Multidisciplinary leadership - A new direction for SEG: *The Leading Edge*, **13**, 298–300.
- Kruuskraa, V., Decker, D., Squires, S., and Lynn, H. B., 1996, Naturally fractured tight gas reservoir detection optimization: Piceance Basin: *The Leading Edge*, **15**, 947–948.
- Kuhme, A., 1991, 3-D seismic and horizontal wells: *The Leading Edge*, **10**, 93–97.
- LaFehr, T. R., and Bone, M. R., 1993, President's page: *The Leading Edge*, **12**, 808.
- Laing, W. E., 1993, SEG 1992 Award Citations: Life Membership Citation for Richard Schneider: *The Leading Edge*, **12**, 91.
- Lambert, R. A., 1996, SEG and Europe: Two reports and forthcoming events: *The Leading Edge*, **15**, 1025.
- Landro, M., Buland, A., and d'Angelo, R., 1995, Target-oriented AVO inversion of data from Valhall and Hod fields: *The Leading Edge*, **14**, 855–861.
- Lane, M. C., 1996, Multithreaded programming: A descriptive introduction: *The Leading Edge*, **15**, 1369–1372.
- Langan, R. T., Lazaratos, S. K., Harris, J. M., Vassiliou, A. A., Jensen, T. L., and Fairborn, J. W., 1997, Imaging of a stratigraphically complex carbonate reservoir with crosswell seismic data *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 417–423.
- Larner, K., 1991, The state of geophysics education: *The Leading Edge*, **10**, 38–41.

- , 1994, The risk of not doing risky research: *The Leading Edge*, **13**, 114–116.
- , 1996a, Managing resource industry research & technology: The road ahead - A view from academia: *The Leading Edge*, **15**, 745–748.
- , 1996b, Proposed amendments to the SEG Constitution and Bylaws related to the SEG nominations procedure: *The Leading Edge*, **15**, 1019–1023.
- Lavelly, E. M., and Bates, C. R., 1996, Problems in the analysis of multicomponent VSP data: *The Leading Edge*, **15**, 937–941.
- Lawton, D. C., and Bertram, M. B., 1993, Azimuthal responses of some three-component geophones: *The Leading Edge*, **12**, 1118–1121.
- Lawyer, L., 1993a, From the other side: *The Leading Edge*, **12**, 985.
- , 1993b, From the other side: *The Leading Edge*, **12**, 1152.
- , 1994, From the other side: *The Leading Edge*, **13**, 42.
- Lawyer, L. C., 1992, Times of change - The last decade: Paradox of the '80s: *The Leading Edge*, **11**, 30–32.
- , 1995, 1994 SEG Award Citations: Life Membership for Hugh Hardy: *The Leading Edge*, **14**, 103–104.
- Lazaratos, S. K., and Marion, B. P., 1997, Crosswell seismic imaging of reservoir changes caused by CO₂ injection: *The Leading Edge*, **16**, 1300–1306.
- Leinbach, J., 1995, Wiener spiking deconvolution and minimum-phase wavelets: A tutorial: *The Leading Edge*, **14**, 189–192.
- Leshou, C., Gang, C., and Tao, M., 1988, Two-dimensional inversion of magnetotelluric sounding data *in* Jingxiang, Z., Ed., *An overview of exploration geophysics in China*. Soc. of Expl. Geophys., 381–398.
- Levin, B., 1995, SEG's First Lady researching for new medicines: *The Leading Edge*, **14**, 202.
- Levin, F., 1992, Memorial: Haines C. Hibbard: *The Leading Edge*, **11**, 50.
- Levin, F. K., 1993, Discussion of 1992 research workshop 'Research in the 90's': *The Leading Edge*, **12**, 256.
- , 1997, Geophysics for SEG members: *The Leading Edge*, **16**, 509–510.
- Levshin, A. L., and White, J. E., 1994, Memorial: Felix Lyakhovitsky: *The Leading Edge*, **13**, 787.
- Lewis, C., 1997, Seismic attributes for reservoir monitoring: A feasibility study using forward modeling: *The Leading Edge*, **16**, 459–469.

- Lewis, D. G., and Mitchell, G. G., 1993, Adapting a seismic processing system to derive global marine gravity from satellite altimetry: *The Leading Edge*, **12**, 698–701.
- Li, X. Y., and Mueller, M. C., 1997, Case studies of multicomponent seismic data for fracture characterization: Austin Chalk examples *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 337–372.
- Lin, J., 1997, Geophysical instrumentation in China: A review of higher education and research: *The Leading Edge*, **16**, 1055–1056.
- Linari, V., 1997, Discovery of the la Barda field, Neuquen Basin, Argentina: *The Leading Edge*, **16**, 1449–1458.
- Lindsey, J. P., 1991a, Crooked lines and taboo places: What are the rules that govern good line layout: *The Leading Edge*, **10**, 74–77.
- , 1991b, Introduction to special issue on acquisition: *The Leading Edge*, **10**, 4.
- , 1991c, Seismic sources I have known: *The Leading Edge*, **10**, 47–48.
- , 1993, The sound of words on the printed page: *The Leading Edge*, **12**, 344.
- , 1996, 3-D stack fold: Migration’s hidden boost: *The Leading Edge*, **15**, 847–850.
- Liner, C., 1996a, Seismos: *The Leading Edge*, **15**, 1156–1158.
- Liner, C. L., 1992a, Seismos: *The Leading Edge*, **11**, 43.
- , 1992b, Seismos: *The Leading Edge*, **11**, 49.
- , 1992c, Seismos: *The Leading Edge*, **11**, 42–43.
- , 1993a, Seismos: *The Leading Edge*, **12**, 702.
- , 1993b, Seismos: *The Leading Edge*, **12**, 782–783.
- , 1994a, Seismos: *The Leading Edge*, **13**, 44–75.
- , 1994b, Seismos: *The Leading Edge*, **13**, 784–798.
- , 1996b, Seismos: *The Leading Edge*, **15**, 1387–1389.
- , 1997a, Seismos: *The Leading Edge*, **16**, 397.
- , 1997b, Seismos: *The Leading Edge*, **16**, 939–940.
- , 1997c, Seismos: *The Leading Edge*, **16**, 1059–1060.
- , 1997d, Seismos: *The Leading Edge*, **16**, 1445–1447.
- Liner, C. L., and Liner, J. L., 1995, Ground-penetrating radar: A near-face experience from Washington county, Arkansas: *The Leading Edge*, **14**, 17–21.

- , 1997, Application of GPR to a site investigation involving shallow faults: *The Leading Edge*, **16**, 1649–1651.
- Liner, C. R., 1996c, Interpreter's corner - What is the object shown in this figure?: *The Leading Edge*, **15**, 1094.
- Lines, L., 1991a, Applications of tomography to borehole and reflection seismology: *The Leading Edge*, **10**, 11–17.
- , 1991b, SEG 1991 Spring Lecture: A circuit tomographer's log: *The Leading Edge*, **10**, 28–29.
- Lines, L., Lu, H. X., Wu, W. J., and Langdon, G., 1995, Seismic depth migrations of eastern Canadian offshore data: *The Leading Edge*, **14**, 42–48.
- Lines, L. R., 1993, Cross-borehole geophysics in the petroleum industry: *The Leading Edge*, **12**, 12.
- Lines, L. R., Miller, M., Tan, H., Chambers, R., and Treitel, S., 1993a, Integrated interpretation of borehole and crosswell data from a West Texas field: *The Leading Edge*, **12**, 13–16.
- Lines, L. R., Rahimian, F., and Kelly, K. R., 1993b, A model-based comparison of modern velocity analysis methods: *The Leading Edge*, **12**, 750–754.
- Link, C. A., McDonald, J. A., Zhou, H. W., Jech, J., and Evans, B. J., 1993, Crosshole tomography in the Seventy-six West Field: *The Leading Edge*, **12**, 36–40.
- Liptow, F., and Hubral, P., 1995, Migrating around in circles: *The Leading Edge*, **14**, 1125–1127.
- Liu, H., Liu, D.-Q., and Wang, J. Y., 1997, 3-D electromagnetic continuous profiling: A technique for petroleum prospecting in complicated areas: *The Leading Edge*, **16**, 365–367.
- Lopes, L., Marquis, G., Pascal, G., Marsset, B., Savoye, B., and de Roeck, Y. H., 1996, Processing of high-resolution, deep-tow marine seismic data: *The Leading Edge*, **15**, 25–30.
- Lorenz, J. C., Rizer, W. D., Farrell, H. E., Sonnenfeld, M. D., and Hanks, C. L., 1997, Characteristics of natural fractures in carbonate strata *in* Marfurt, K. J., Ed., Carbonate seismology. Soc. of Expl. Geophys., 179–201.
- Lorenz, J. C., Warpinski, N. R., and Teufel, L. W., 1996, Natural fracture characteristics and effects: *The Leading Edge*, **15**, 909–911.
- Lou, M., and Crampin, S., 1992, Guided-wave propagation between boreholes: *The Leading Edge*, **11**, 34–37.
- Lu, H. X., and Lines, L., 1995, AVO and Devonian reef exploration: Difficulties and possibilities: *The Leading Edge*, **14**, 879–881.

- , 1996, AVO and Devonian reef exploration revisited: The role of multiples: *The Leading Edge*, **15**, 1255–1256.
- Luh, P. C., 1992, True-amplitude signal recovery: *The Leading Edge*, **11**, 13–24.
- Lumley, D. E., Behrens, R. A., and Wang, Z., 1997, Assessing the technical risk of a 4-D seismic project: *The Leading Edge*, **16**, 1287–1291.
- Luzietti, E. A., Moore, D. E., Smith, G. E., Moldoveanu, N., Spradley, M., Brooks, T., and Chang, M., 1995, Innovation and flexibility: Keys to a successful 3-D survey in the transition zone of west bay field, Louisiana: *The Leading Edge*, **14**, 763–772.
- Lynch, K., 1992, President's page: Crisis and challenge, creativity and change: *The Leading Edge*, **11**, 4.
- Lynn, H. B., Simon, K. M., and Bates, C. R., 1996a, Correlation between P-wave AVOA and S-wave traveltime anisotropy in a naturally fractured gas reservoir: *The Leading Edge*, **15**, 931–935.
- Lynn, H. B., Simon, K. M., Bates, C. R., and van Dok, R., 1996b, Azimuthal anisotropy in P-wave 3-D (multiazimuth) data: *The Leading Edge*, **15**, 923–928.
- Lynn, H. B., Simon, K. M., Bates, C. R., Layman, M., Schneider, R., and Jones, M., 1995, Use of anisotropy in P-wave and S-wave data for fracture characterization in a naturally fractured gas reservoir: *The Leading Edge*, **14**, 887–893.
- Macurda, D. B., 1997, Carbonate seismic facies analysis *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 95–119.
- Mahrer, K. D., 1993, A modest proposal to the SEG: *The Leading Edge*, **12**, 856–857.
- , 1995, Review of the radio frequency (RIM) method and its utilization in near-surface investigations: *The Leading Edge*, **14**, 249–256.
- Majer, E. L., Datta-Gupta, A., Peterson, J. E., Vasco, D. W., Myer, L. R., Daley, T. M., Kaelin, B., Queen, J. H., d'Onfro, P. S., Rizer, W. D., Cox, D., and Sinton, J., 1996, Utilizing crosswell, single well and pressure transient tests for characterizing fractured gas reservoirs: *The Leading Edge*, **15**, 951–956.
- Maoji, W., 1988, Geophysical characteristics and deep structures of endo-metallogenic provinces in southeastern China *in* Jingxiang, Z., Ed., *An overview of exploration geophysics in China*. Soc. of Expl. Geophys., 501–516.
- Marion, D., and Jizba, D., 1997, Acoustic properties of carbonate rocks: Use in quantitative interpretation of sonic and seismic measurements *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 75–93.
- Marsden, D., 1992, Vo-K method of depth conversion: *The Leading Edge*, **11**, 53–54.
- , 1993a, Static corrections—a review, part 1: *The Leading Edge*, **12**, 43–49.

- , 1993b, Static corrections-a review, part 2: *The Leading Edge*, **12**, 115–120.
- , 1993c, Static corrections-a review, part 3: *The Leading Edge*, **12**, 210–216.
- , 1993d, Velocity and the exploration cycle: A new paradigm (round table): *The Leading Edge*, **12**, 770–772.
- , 1993e, The velocity domain: *The Leading Edge*, **12**, 747–749.
- Marsden, D., Bush, M. D., and Johng, D. S., 1995, Analytic velocity functions: *The Leading Edge*, **14**, 775–782.
- Marsh, G. R., 1991, Geophysics and environmentalism: *The Leading Edge*, **10**, 32–33.
- Martin, R. B., 1992, Horizontal drilling: Making your well a success: *The Leading Edge*, **11**, 21–26.
- Martins, C. C., da Costa, C. A., Theodoro, C. E., Guardado, L. R., and Andrade, V. F., 1995, 3-D seismic: A successful strategy in the Campos Basin: *The Leading Edge*, **14**, 701–704.
- Masters, J. A., 1991, Exploration de-organization: *The Leading Edge*, **10**, 17–23.
- Mastoris, S., 1990, Correction of seismic velocity distortion due to gas: *The Leading Edge*, **09**, 26–29.
- Matsuoka, T., and McDonald, J. A., 1996, Bringing fractures together: The 3rd SEGJ/SEG International Symposium on Geotomography: *The Leading Edge*, **15**, 297.
- Mawdsley, M. J., Eamer, A. L., and Zaitlin, B. A., 1997, Pitfalls in seismic definition of incised valley reservoirs: A case study from the lower Cretaceous glauconitic formation in south central Alberta: *The Leading Edge*, **16**, 1323–1325.
- McCarroll, A. T., 1991, Memorial: Owen Bennett: *The Leading Edge*, **10**, 51.
- McCormack, M. D., 1991, Neural computing in geophysics: *The Leading Edge*, **10**, 11–15.
- McNaughton, N., 1996, Trends in E&P data management: *The Leading Edge*, **15**, 1343–1344.
- McWhorter, R., and Torguson, B., 1995, Palacios field: A 3-D case history: *The Leading Edge*, **14**, 1225–1230.
- Mercado, E. J., 1991, Memorial: Edsel K. Darby: *The Leading Edge*, **10**, 52.
- Miller, R. D., and Xia, J., 1997, Delineating paleochannels using shallow seismic reflection: *The Leading Edge*, **16**, 1671–1674.
- Mitsuhashi, Y., Ishikawa, H., and Matsuo, K., 1997, Application of MT to hydrocarbon exploration in northeast Japan: *The Leading Edge*, **16**, 360.

- Miller, B., and van den Berg, C., 1996, Color-coded crossplotting of AVO attributes: The Leading Edge, **15**, 1259–1260.
- Moaty, S. A., and Miles, B., 1997, Cairo '98: Looking for success: The Leading Edge, **16**, 1807–1808.
- Moody-Stuart, M., 1993, Opportunities from partnership: The Leading Edge, **12**, 269–273.
- Moore, P., 1996a, The 1995 IPS' success: Springboard for future editions at the SEG annual meeting: The Leading Edge, **15**, 311.
- , 1996b, From Benin to Ukraine in one easy stroll: The Leading Edge, **15**, 1106.
- Mosher, C. C., Joyner, C. L., and Hassanzadeh, S., 1996, Scalable parallel seismic processing: The Leading Edge, **15**, 1363–1366.
- Mosher, D. C., Currie, R. G., and Sullivan, D., 1997, Monitoring of ocean disposal using side-scan mosaicing: The Leading Edge, **16**, 1667–1669.
- Mudge, S., 1996, Helicopter magnetic surveys in rugged terrains: From planning to processing: The Leading Edge, **15**, 305–308.
- Mueller, M. C., 1992, Using shear waves to predict lateral variability in vertical fracture intensity: The Leading Edge, **11**, 29–35.
- Mummery, R. C., 1988, Seismic interpretation 6 - Discrimination between porous zones and shale intervals using seismic logs: The Leading Edge, **07**, 10–23.
- Mungan, N., 1992, The second Archie conference: The Leading Edge, **11**, 27–28.
- Munoz, A., Baca, D., Artiles, V., Duarte, M., and Barboza, G., 1997, Nicaragua: Petroleum geology of the Caribbean margin: The Leading Edge, **16**, 1799–1805.
- Muoi, T., 1996, Vietnam: 40 years of geophysics: The Leading Edge, **15**, 289.
- Murathan, M., 1997, Natural gas in Turkey: Imports, prospects: The Leading Edge, **16**, 904.
- Myczkowski, J., McCowan, D., and Mufti, I., 1991, Finite-difference seismic modeling in real time: The Leading Edge, **10**, 49–52.
- Nabetani, S., 1996, Japan: Geophysical HI-tech for disaster prevention: The Leading Edge, **15**, 295.
- Nabighian, M. N., Nilsson, B. Y., Lauritsen, E., Brant, A. A., and Barnett, C. T., 1997, Memorial for Maurice Davidson: The Leading Edge, **16**, 1071.
- Nabighian, M. N., Sternberg, B. K., Wait, J. R., and Ward, S. H., 1993, Memorial: John S. and Nancy G. Sumner: The Leading Edge, **12**, 1033.

- Neal, M. R., 1991, X, PHIGS, and PEX: What are they and what do they mean to you: The Leading Edge, **10**, 61–63.
- Neese, R. U., 1997, Memorial for urban Earl Neese: The Leading Edge, **16**, 398.
- Neidell, N. S., 1992, Geophysical credibility - A key to professional survival: The Leading Edge, **11**, 27–30.
- , 1993, Multiple reflections-a geologically based conjecture (round table): The Leading Edge, **12**, 1068–1069.
- , 1994, Round table: Sampling 3-D seismic surveys: A conjecture favoring coarser but higher-fold sampling: The Leading Edge, **13**, 764–768.
- , 1997a, Perceptions in seismic imaging part 1: Kirchhoff migration operators in space and offset time, an appreciation: The Leading Edge, **16**, 1005–1006.
- , 1997b, Perceptions in seismic imaging part 2: Reflective and diffractive contributions to seismic imaging: The Leading Edge, **16**, 1121–1123.
- , 1997c, Perceptions in seismic imaging part 3: Kirchhoff seismic imaging, A transform view: The Leading Edge, **16**, 1240–1242.
- , 1997d, Perceptions in seismic imaging part 4: Resolution considerations in imaging propagation media as distinct from wavefields: The Leading Edge, **16**, 1412–1415.
- Nestvold, E. O., 1992, 3-D seismic: Is the promise fulfilled?: The Leading Edge, **11**, 12–19.
- Nestvold, E. O., and Jack, I., 1995, Looking ahead in marine and land geophysics: A conversation with Woody Nestvold and Ian Jack: The Leading Edge, **14**, 1061–1067.
- Newman, B. J., 1994, The Vibroseis exploration method, a processor's perspective: The Leading Edge, **13**, 664–668.
- Nickerson, B., and Bording, R. P., 1996, Process visualization: The migration movie: The Leading Edge, **15**, 38–41.
- Nicolai, R., 1993, UKOOA P2/91 exchange format for raw marine positioning data: The Leading Edge, **12**, 294.
- Noah, J. T., 1996, Interpreter's corner - NMO stretch and subtle traps: The Leading Edge, **15**, 345–347.
- Noah, J. T., Hofland, G. S., and Lemke, K., 1992, Seismic interpretation of meander channel point-bar deposits: The Leading Edge, **11**, 13–18.
- Noah, J. T., Teague, R. D., and Hofland, G., 1994, Twin Morrow field: A case study: The Leading Edge, **13**, 25–30.

- Nobes, D. C., and Tyndall, A., 1995, Searching for avalanche victims: Lessons from broken river: *The Leading Edge*, **14**, 265–268.
- Northwood, J., 1993, Electrical surveying by fish: *The Leading Edge*, **12**, 912–917.
- O'Brien, C., 1988, Seismic interpretation 7 - Pragmatic migration - A method for interpreting a grid of two-dimensional migrated seismic data: *The Leading Edge*, **07**, 24–29.
- O'Brien, M. J., and Gray, S. H., 1996, Can we image beneath salt?: *The Leading Edge*, **15**, 17–22.
- Officers, S., 1993, 1993 annual report of SEG: *The Leading Edge*, **12**, 1180–1191.
- Oldani, M., 1996, Where would we be without sponsors?: *The Leading Edge*, **15**, 1106.
- Olhoeft, G., 1988, Memorial: F. C. Frischknecht: *The Leading Edge*, **07**, 45.
- O'Neill, D. M., and Beering, D. R., 1996, API's ARIES project: Current status, future plans: *The Leading Edge*, **15**, 1351–1354.
- Ott, D., 1991, Seismic trade data - Exploration's alternative: *The Leading Edge*, **10**, 90–91.
- Oxley, D., 1997, The next dimension?: *The Leading Edge*, **16**, 864.
- de P., M. A. C., and Batzle, M., 1997, Rock physics in seismic monitoring: *The Leading Edge*, **16**, 1255–1260.
- Pace, B. W., 1996, 1995 SEG Award citations: Honorary Membership for Paul Newman: *The Leading Edge*, **15**, 101.
- Padhi, T., and Holley, T. K., 1997, Wide azimuths - Why not?: *The Leading Edge*, **16**, 175–177.
- Paine, J. G., Dutton, A. R., Mayorga, J. S., and Saunders, G. P., 1997, Identifying oil-field salinity sources with airborne and ground-based geophysics: A West Texas example: *The Leading Edge*, **16**, 1603–1607.
- Painter, D., Lerner, K., and Steenken, W. F., 1989, EAEG's 1989 meeting in west Berlin: *The Leading Edge*, **08**, 35–36.
- Palaz, I., and Marfurt, K. J., 1997a, Carbonate Seismology: *Soc. of Expl. Geophys.*
- , 1997b, Carbonate seismology: An overview *in* Marfurt, K. J., Ed., *Carbonate seismology*. *Soc. of Expl. Geophys.*, 1–8.
- Palaz, I., and Weger, R. C., 1990, Waveform recognition using neural networks: *The Leading Edge*, **09**, 28–31.

- Paluck, R. J., 1992, High-performance computing in the mid '90s: *The Leading Edge*, **11**, 45–47.
- Pangestu, M., 1996, Global economics: How Indonesia faces the challenge: *The Leading Edge*, **15**, 281–282.
- van Paridon, H., 1993, Cloistered Australian geophysicists preserve ancient techniques: *The Leading Edge*, **12**, 292.
- Parker, J. M., 1993, North Fork, Sherwood, and Cottonwood Creek: An anatomy of oil finding: *The Leading Edge*, **12**, 1126–1129.
- Parnetti, A., 1992, Towards a decade of change in the Latin American oil industry: *The Leading Edge*, **11**, 48.
- Pascouet, A., 1991, Something new under the water: The bubbleless air gun: *The Leading Edge*, **10**, 79–81.
- Paulsson, B. N. P., 1992, SEG Development and Production Committee 1991 forum on reservoir description using geophysical techniques: *The Leading Edge*, **11**, 11–14.
- Paulsson, B. N. P., Meredith, J. A., Wang, Z., and Fairborn, J. W., 1994, The Steep-bank crosswell seismic project: Reservoir definition and evaluation of steamflood technology in Alberta tar sands: *The Leading Edge*, **13**, 737–747.
- Paulsson, B. N. P., Smith, M. E., Tucker, K. E., and Fairborn, J. W., 1992, Characterization of a steamed oil recovery using cross-well seismology: *The Leading Edge*, **11**, 24–32.
- Pawlowski, R., 1992a, Workshop on the National Geomagnetic Initiative: *The Leading Edge*, **11**, 37–38.
- , 1994, Round table: Emerging workstation-based potential field methodologies: *The Leading Edge*, **13**, 687–789.
- Pawlowski, R. S., 1992b, Tutorial: Gravity anomalies for nonspecialists: *The Leading Edge*, **11**, 41–43.
- Payne, M. A., Eriksen, E. A., and Rape, T. D., 1994, Considerations for high-resolution VSP imaging: *The Leading Edge*, **13**, 173–180.
- Peacock, R. B., 1996, Memorials - Albert W. Musgrave: *The Leading Edge*, **15**, 857.
- Peddy, C. P., Sengupta, M. K., and Fasnacht, T. L., 1995, AVO analysis in high-impedance sandstone reservoirs: *The Leading Edge*, **14**, 871–877.
- Peebler, R. P., 1996, Leveraging knowledge through information technology: *The Leading Edge*, **15**, 1132–1140.
- Peirce, J. W., and Cordsen, A., 1997, The role of professional societies in continuing education: *The Leading Edge*, **16**, 1025–1028.

- Pellerin, L., and Alumbaugh, D. L., 1997, Tools for electromagnetic investigation of the shallow subsurface: *The Leading Edge*, **16**, 1631–1638.
- Pemberton, R. H., 1989, Why on Earth did I become a mining geophysicist 34 years ago?: *The Leading Edge*, **08**, 30–32.
- Pennington, W. D., 1995a, Guidelines for D&P forum series: *The Leading Edge*, **14**, 205–208.
- , 1995b, Pedagogy and long division or the z-transform is rediscovered again: *The Leading Edge*, **14**, 1041–1042.
- , 1995c, SEG development and production forums: *The Leading Edge*, **14**, 205.
- , 1997, Seismic petrophysics: An applied science for reservoir geophysics: *The Leading Edge*, **16**, 241–244.
- Pennington, W. D., and Lutch, T. E., 1997, Finding hydrocarbons in the classroom using 'free' seismic interpretation software: *The Leading Edge*, **16**, 1051–1053.
- Perroud, H., Hubral, P., Hocht, G., and Debazelaire, E., 1997, Migrating around in circles - Part III: *The Leading Edge*, **16**, 875–883.
- Peter, G., Klopping, F. J., Carter, W. E., and Dewhurst, W. T., 1991, Absolute gravity reference sites in the United States: *The Leading Edge*, **10**, 43–45.
- Petkov, A., 1991, Underwater archaeology in Bulgaria: *The Leading Edge*, **10**, 37.
- Phinney, R., 1992, Overview of IRIS: *The Leading Edge*, **11**, 33.
- Picard, M., 1993, SEG 1992 Award Citations: Your return for Jerry Hohmann: *The Leading Edge*, **12**, 89.
- del Pino, E., 1997, President's page - SEG's international role: Past, present, and future: *The Leading Edge*, **16**, 208.
- Poeter, E. P., Wingle, W. L., and McKenna, S. A., 1997, Improving groundwater project analysis with geophysical data: *The Leading Edge*, **16**, 1675–1681.
- Poggiagliolmi, E., and Allred, R. D., 1994, Detailed reservoir definition by integration of well and 3-D seismic data using space adaptive wavelet processing: *The Leading Edge*, **13**, 749–754.
- Powers, M. H., 1997, Modeling frequency-dependent GPR: *The Leading Edge*, **16**, 1657–1662.
- Pratt, T. L., Brown, L. D., and Mondary, J., 1993, AVO and fluids in the deep crust: A COCORP case study: *The Leading Edge*, **12**, 186–192.
- Prindle, R. O., 1996, Memorial - Alan O. Ramo: *The Leading Edge*, **15**, 49.

- Pritchett, W. C., 1991, System design for better seismic data: *The Leading Edge*, **10**, 30–35.
- , 1993, Target sand or phantom?: *The Leading Edge*, **12**, 847–851.
- Profeta, M., Moscoso, J., and Koremblit, M., 1995, Minimum field static corrections: *The Leading Edge*, **14**, 684–687.
- Proffitt, J. M., 1991, A history of innovation in marine seismic data acquisition: *The Leading Edge*, **10**, 26–30.
- , 1995, 1994 SEG Award Citations: Distinguished Achievement for Digicourse, Inc: *The Leading Edge*, **14**, 105.
- Proubasta, D., 1982a, E. V. McCollum: *The Leading Edge*, **01**, 60–68.
- , 1982b, O. S. Petty: *The Leading Edge*, **01**, 16–24.
- , 1982c, Seismic history in a guest House: *The Leading Edge*, **01**, 35–38.
- , 1982d, Thirty steps through vintage geophysics: *The Leading Edge*, **01**, 30–34.
- , 1989, Gu Gongxu: *The Leading Edge*, **08**, 10–14.
- , 1991a, Gold and silver for father and son: *The Leading Edge*, **10**, 98–99.
- , 1991b, Maurice Ewing: *The Leading Edge*, **10**, 15–20.
- , 1991c, Robert Dyk: *The Leading Edge*, **10**, 20–24.
- , 1992a, Latin American report: *The Leading Edge*, **11**, 47–49.
- , 1992b, Rutt Bridges - On workstations and more: *The Leading Edge*, **11**, 44–47.
- , 1993a, Jaime Jaramillo: *The Leading Edge*, **12**, 820–823.
- , 1993b, Latin American geophysical union in the offing: *The Leading Edge*, **12**, 100.
- , 1993c, Remote sensing: Ninth thematic conference: *The Leading Edge*, **12**, 788.
- , 1994, J. Ed. white: *The Leading Edge*, **13**, 658–661.
- , 1995a, Bob Sheriff: Getting a better picture: *The Leading Edge*, **14**, 941–945.
- , 1995b, Conference to debut in rio: *The Leading Edge*, **14**, 659–662.
- , 1995c, EAGO's Savostyanov limns Russian geophysicists' goals: *The Leading Edge*, **14**, 283–284.
- Prskalo, S., 1988, An example of practical application of stack arrays: *The Leading Edge*, **07**, 28–32.

- Puckett, M., 1991, Offset VSP: A tool for development drilling: *The Leading Edge*, **10**, 18–24.
- Pulliam, J., Austin, J. A., Luhurbudi, E. C., Saustrup, S., and Stoffa, P. L., 1996, An ultrahigh resolution 3-D survey of the shallow subsurface on the continental shelf of New Jersey: *The Leading Edge*, **15**, 839–845.
- Puspopturo, B., and Santoso, D., 1996, How industry and academic join forces: *The Leading Edge*, **15**, 277–278.
- Raeuchle, S., and Knapp, J., 1992, The 43rd ISEF: Music of the mind in Nashville: *The Leading Edge*, **11**, 48.
- Raeuchle, S. K., Ambrose, W. A., Akhter, M. S., Casas, J., Salamanca, L., Munoz, P., and Leon, A., 1997a, Integrated reservoir study, lower Eocene Misoa reservoirs, Lagunillas field, Lake Maracaibo, Venezuela: *The Leading Edge*, **16**, 1335–1337.
- Raeuchle, S. K., Carr, T. R., Tucker, R. D., and Singleton, M. T., 1991, 3-D seismic data for field development: Landslide field case study: *The Leading Edge*, **10**, 30–35.
- Raeuchle, S. K., Hamilton, D. S., and Uzcategui, M., 1997b, Integrating 3-D seismic imaging and seismic attribute analysis with genetic stratigraphy: Implications for infield reserve growth and field extension, Budare field, Venezuela: *The Leading Edge*, **16**, 1338–1339.
- Ratcliff, D. W., Gray, S. H., and Whitmore, N. D., 1992, Seismic imaging of salt structures in The Gulf of Mexico: *The Leading Edge*, **11**, 15–31.
- Ratcliff, D. W., Jacewitz, C. A., and Gray, S. H., 1994, Subsalt imaging via target-oriented 3-D prestack depth migration: *The Leading Edge*, **13**, 163–170.
- Reblin, M. T., Chapel, G. G., Roche, S. L., and Keller, C., 1991, A 3-D reflection seismic survey over the Dollarhide field, Andrews County, Texas: *The Leading Edge*, **10**, 11–16.
- Regan, R. D., 1991, GEIS: A new approach for the integration, interactive analysis and interpretation of geoscience data: *The Leading Edge*, **10**, 40–42.
- Regone, C. J., 1997, Measurement and identification of 3-D coherent noise generated from irregular surface carbonates *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 281–305.
- Reid, A. B., 1991, Discussion of 'Poisson was not a geophysicist', by Leon Thomsen (TLE-9-12-27-29): *The Leading Edge*, **10**, 4.
- Reilly, J. M., 1995, Comparison of circular 'strike' and linear 'dip' acquisition geometries for salt Diapir imaging: *The Leading Edge*, **14**, 314–319.
- Reust, D. K., 1995, Vibrator force control: How simple can it get?: *The Leading Edge*, **14**, 1129–1133.

- Reynolds, C. B., 1996, Horsing around: An acquisition case history: *The Leading Edge*, **15**, 1014–1015.
- Reynolds, S., 1993, Parallel computing in seismic data processing: *The Leading Edge*, **12**, 687–692.
- Rietsch, E., 1995, 1994 SEG Award Citations: Life Membership for Elmer Eisner: *The Leading Edge*, **14**, 103.
- Rijks, E. J. H., and Jauffred, J. C. E. M., 1991, Attribute extraction: An important application in any detailed 3-D interpretation study: *The Leading Edge*, **10**, 11–19.
- Riley, D. C., 1993, Special report-geophysical activity in 1991: *The Leading Edge*, **12**, 1094–1117.
- Ringstad, C., Troost, K., and Free, R., 1994, Memorial: Marvin I. Ehrlich: *The Leading Edge*, **13**, 788–814.
- Robertson, H., 1991, Origin of interactive computer graphics in seismology: *The Leading Edge*, **10**, 55–58.
- , 1992a, Azimuthal measurement by array processing (AZMAP): *The Leading Edge*, **11**, 50–51.
- , 1994, Memorial: Ronald Erick Anderson: *The Leading Edge*, **13**, 787–788.
- , 1997, A brief history of regional seismic arrays with emphasis on SEG's role in the VELA-uniform, nuclear-test detection program: A summary: *The Leading Edge*, **16**, 494.
- Robertson, J. D., 1992b, President's page: Revolutions and tennis: *The Leading Edge*, **11**, 4–5.
- , 1995a, President's page - Education and employment trends in the Earth Sciences: *The Leading Edge*, **14**, 6.
- , 1995b, President's page - Fundamentals for geophysicists: *The Leading Edge*, **14**, 308.
- , 1995c, President's page - Organizational changes at the SEG business office: *The Leading Edge*, **14**, 752.
- , 1995d, President's page - Request for proposals: *The Leading Edge*, **14**, 916.
- , 1995e, President's page - Summing up: *The Leading Edge*, **14**, 1030.
- Robinson, E., 1996, Memorials - David Durand: *The Leading Edge*, **15**, 858.
- Robinson, E., and Clark, D., 1988, Basic seismology 3 - Elasticity - Stress and strain: *The Leading Edge*, **07**, 16–19.
- , 1989, Elasticity: Cartesian fields of rotation: *The Leading Edge*, **08**, 18–21.

- , 1991, Sampling and the Nyquist frequency: *The Leading Edge*, **10**, 51–53.
- Robinson, E. A., 1997, Transmitted deconvolution of reflected signals: *The Leading Edge*, **16**, 503–506.
- Rodriguez, R., 1997, The 48th ISEF and SEG’s support to science: *The Leading Edge*, **16**, 1400.
- Roksandic, M. M., 1994a, A few thoughts on seismic interpretation: *The Leading Edge*, **13**, 43.
- , 1994b, Round table: The role of seismic stratigraphy in interpretation: *The Leading Edge*, **13**, 118–119.
- Romig, P., 1992a, Engineering and environmental geophysics get top billing at SAGEEP: *The Leading Edge*, **11**, 36–37.
- , 1992b, President’s page: Charge: *The Leading Edge*, **11**, 4–5.
- Romig, P., Steeples, D., and Bone, M. R., 1993, President’s page: *The Leading Edge*, **12**, 148.
- Romig, P. R., 1997, 1996 Award citations: Life Membership for Brian R. Spies: *The Leading Edge*, **16**, 167–168.
- Ronen, S., Hoskins, J., Schultz, P. S., Hattori, M., and Corbett, C., 1994, Seismic-guided estimation of log properties, part 2: Using artificial neural networks for non-linear attribute calibration: *The Leading Edge*, **13**, 674–678.
- Rosencrans, R. D., 1992, Cost-effective 3-D seismic survey design: *The Leading Edge*, **11**, 17–24.
- Ross, C., and Spies, B. R., 1996, Introduction to special issue on computers: *The Leading Edge*, **15**, 1327.
- Ross, C. P., 1993, AVO in the presence of coherent noise: *The Leading Edge*, **12**, 196–201.
- Ross, C. P., and Altan, M. S., 1997, Time-lapse seismic monitoring: Some shortcomings in nonuniform processing: *The Leading Edge*, **16**, 931–937.
- Ross, C. P., Cunningham, G. B., and Weber, D. P., 1996, Inside the crossequalization black box: *The Leading Edge*, **15**, 1233–1240.
- Ross, C. P., Hassanzadeh, S., and Spies, B. R., 1995a, A quick tour of Internet and the information superhighway, part 1: On-ramps, pit stops, and exits: *The Leading Edge*, **14**, 179–184.
- , 1995b, A quick tour of Internet and the information superhighway, part 2: Making the connection: *The Leading Edge*, **14**, 803–807.

- Ross, J. M., 1997, Integrated petrophysical-geostatistical reservoir characterization compared to layer-cake through flow simulation: *The Leading Edge*, **16**, 1293–1298.
- Ruger, A., and Tsvankin, I., 1997, Using AVO for fracture detection: Analytic basis and practical solutions: *The Leading Edge*, **16**, 1429–1434.
- Ruskey, F., 1993, Shallow 3-D seismics for environmental searches and tunnel detection: Some ideas for research: *The Leading Edge*, **12**, 1007.
- Russell, B., 1995, TLE - Your magazine: *The Leading Edge*, **14**, 1181.
- , 1996, Technical programs don't just happen: *The Leading Edge*, **15**, 1100.
- Russell, B., Hampson, D., Schuelke, J., and Quirein, J., 1997a, Multiattribute seismic analysis: *The Leading Edge*, **16**, 1439–1443.
- Russell, B. H., 1992, Using color in seismic displays: *The Leading Edge*, **11**, 13–18.
- , 1993a, Geophysical tutorial series: *The Leading Edge*, **12**, 1087.
- , 1993b, Introduction to AVO and this special issue: *The Leading Edge*, **12**, 161.
- , 1993c, Parallel computing-two perspectives: *The Leading Edge*, **12**, 687.
- , 1994, President's page: Reinventing continuing education: *The Leading Edge*, **13**, 76–78.
- Russell, R. D., Butler, K. E., Kepic, A. W., and Maxwell, M., 1997b, Seismoelectric exploration: *The Leading Edge*, **16**, 1611–1615.
- S., J. R., 1990, Seam waves: What are they? , part 1: *The Leading Edge*, **09**, 19–23.
- , 1991, Engineering geophysics at Simon Bolivar University: *The Leading Edge*, **10**, 37.
- Sabri, A. M., and All, M. H. A., 1991, Short history of geophysical activities in Egypt: *The Leading Edge*, **10**, 66.
- Saizhen, Z., Yingxian, L., Jiping, Z., Xinwu, N., Anchang, Z., and Guanding, Y., 1988, The induced polarization (IP) method in oil exploration - The cause of the IP anomaly *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 247–272.
- Santoso, D., Hendrajaya, L., and Untung, M., 1996, Geophysical education in Indonesia: *The Leading Edge*, **15**, 277–278.
- Santoso, D., and Manik, P., 1996, A land of fascination and natural resources: *The Leading Edge*, **15**, 273–274.
- Saribudak, M., 1996, The cost benefit of near-surface geophysics: A case study: *The Leading Edge*, **15**, 1029–1031.

- Satter, A., 1997, Directions in upstream training: *The Leading Edge*, **16**, 1019–1022.
- Savage, P., 1994, Recommended practices for storage and archiving of exploration data: *The Leading Edge*, **13**, 102–104.
- Savit, C. H., 1990, Geophysics and computers: A look to the future: *The Leading Edge*, **09**, 21–23.
- , 1991, Exploration geophysicists' views of registration and licensing/ultra-crepidarian: Geoscientists writing legislation: *The Leading Edge*, **10**, 41–43.
- Savit, C. H., and Savit, S. J., 1991, The end of geophysics as a profession: *The Leading Edge*, **10**, 61–62.
- Savostyanov, N. A., and Kashik, A. S., 1993, The geophysical market of Russia: *The Leading Edge*, **12**, 275–278.
- Scales, J. A., and Smith, M. L., 1996, Free books from Samizdat press: *The Leading Edge*, **15**, 1333–1335.
- Schafer, S., 1996, 1995 SEG Award citations: Life Membership for Jack C. Weyand: *The Leading Edge*, **15**, 106.
- Schmunk, J. M., Hinrichs, W., and Ferris, C., 1994, Museum news: *The Leading Edge*, **13**, 276–297.
- Schneider, L., 1995, President's page - Reporting on crew activity, an update: *The Leading Edge*, **14**, 158.
- Schoenberg, M., and Dias, C. A., 1992, Second International Congress of the Brazilian Geophysical Society - A brief report: *The Leading Edge*, **11**, 50.
- Schoenberger, M., 1993a, President's page: Crystal ball: *The Leading Edge*, **12**, 1048.
- , 1993b, President's page: Diversity and SEG's objectives: *The Leading Edge*, **12**, 976.
- , 1993c, President's page: Issues and items of interest: *The Leading Edge*, **12**, 1144.
- , 1994a, President's page: Is SEG a business?: *The Leading Edge*, **13**, 226–228.
- , 1994b, President's page: Lies, damned lies, and statistics: *The Leading Edge*, **13**, 718–722.
- , 1994c, President's page: Membership, services, and sections: *The Leading Edge*, **13**, 4–5.
- , 1994d, President's page: Summary of executive committee meeting: *The Leading Edge*, **13**, 148–149.
- , 1994e, President's page: Towards a global society: *The Leading Edge*, **13**, 644–646.

- , 1994f, President's page: Who is SEG?: The Leading Edge, **13**, 814–818.
- , 1995, 1994 SEG Presidential address: Geophysics: The exploration risk reducer: The Leading Edge, **14**, 95–100.
- Schreurs, G., 1997, Experiments on faulting in zones of oblique shortening: The Leading Edge, **16**, 1159–1163.
- Schultz, P., and Canales, L., 1997, Seismic velocity model building: CE in Dallas, 2 November: The Leading Edge, **16**, 1063–1064.
- Schultz, P. S., 1997, The changing economics of 3-D prestack seismic imaging in depth: The Leading Edge, **16**, 471–472.
- Schultz, P. S., Ronen, S., Hattori, M., and Corbett, C., 1994a, Seismic-guided estimation of log properties, part 1: A data-driven interpretation methodology: The Leading Edge, **13**, 305.
- Schultz, P. S., Ronen, S., Hattori, M., Mantran, P., and Corbett, C., 1994b, Seismic-guided estimation of log properties, part 3: A controlled study: The Leading Edge, **13**, 770–776.
- Schulz-Rojahn, J., 1995, Open-file petroleum data via Internet: The Leading Edge, **14**, 49.
- Schwartz, B., 1995, Letter to editors: X-pattern: The Leading Edge, **14**, 1190.
- Sedgwick, F., 1991, Open supercomputing and the hydrocarbon hunt: The Leading Edge, **10**, 35–37.
- Seigel, H. O., 1992, A tribute to Phil Hallof: The Leading Edge, **11**, 40.
- , 1995, Preface to this special issue (on near-surface geophysics): The Leading Edge, **14**, 237.
- Sen, M. K., and Stoffa, P. L., 1992, Genetic inversion of AVO: The Leading Edge, **11**, 27–29.
- Sengupta, M. K., 1993, Report on the joint SEG/EAEG summer research workshop: How useful is AVO analysis?: The Leading Edge, **12**, 203–208.
- Senti, R. J., 1982, Special report - Geophysical activity in 1981: The Leading Edge, **01**, 30–55.
- Sercombe, W. J., Golob, B. R., Kamel, M., Stewart, J. W., Smith, G. W., and Morse, J. D., 1997, Significant structural reinterpretation of the subsalt, giant October field, Gulf of Suez, Egypt, using SCAT, isogan-based sections and maps, and 3-D seismic: The Leading Edge, **16**, 1143–1150.
- Setters, J., 1982, Memorial: E. L. Erickson: The Leading Edge, **01**, 40.
- Shafer, R. J., 1991, Memorial: Robert W. Mertz: The Leading Edge, **10**, 95.

- Sheriff, R. E., 1988, Processing and interpretation of seismic reflection data - An historical precis: *The Leading Edge*, **07**, 40–42.
- , 1991, How in the world I came to write the Encyclopedic Dictionary: *The Leading Edge*, **10**, 41–42.
- Sherwood, J. W. C., 1996, 1995 SEG Award citations: Honorary Membership for Fred Hilterman: *The Leading Edge*, **15**, 100–101.
- Shoham, Y., 1993, Moscow '92: *The Leading Edge*, **12**, 269.
- Slitox, J., 1988, Survival in the 80s: *The Leading Edge*, **07**, 33–35.
- de Silva, N., 1993, Sequence stratigraphy and hydrocarbon potential of Cenomanian-Eocene interval, Jeanne d'Arc Basin, offshore Newfoundland: *The Leading Edge*, **12**, 694–697.
- Simon, K. M., and Lynn, H. B., 1996, Guest editors' introduction to this issue: *The Leading Edge*, **15**, 905.
- Singh, R. P., 1996, India: Strong in research and seeking chances to explore: *The Leading Edge*, **15**, 299.
- Smethurst, J., and Hilterman, F., 1997, President's page: *The Leading Edge*, **16**, 978–979.
- Smith, A. L., and Lidsky, B. J., 1993, King Hubbert's analysis revisited: Update of the lower 48 oil and gas resource base: *The Leading Edge*, **12**, 1082–1086.
- Smith, B. A., and Tanis, M. C., 1997, Applications of accurate 3-D poststack depth migration: *The Leading Edge*, **16**, 1165–1168.
- Smith, M. L., Scales, J. A., and Fischer, T. L., 1992, Global search and genetic algorithms: *The Leading Edge*, **11**, 22–26.
- Smith, R., 1994, International workshop on AEM methods: *The Leading Edge*, **13**, 198–202.
- Smith, R. H., 1996, Interpreter's corner - The certified professional landman: *The Leading Edge*, **15**, 1092–1094.
- Smith, S. W., Danahey, L., Himawan, R., Harmony, W. E., Gilmore, H. L., Armon, J. W., Bowman, T. L., and Smith, W., 1996, An example of 3-D AVO for lithology discrimination in Widuri field, Asri basin, Indonesia: *The Leading Edge*, **15**, 283–288.
- Sondergeld, C. H., and Rai, C. S., 1992, Laboratory observations of shear-wave propagation in anisotropic media: *The Leading Edge*, **11**, 38–43.
- , 1993, A new concept in quantitative core characterization: *The Leading Edge*, **12**, 774–779.

- Sonneland, L., Veire, H. H., Raymond, B., Signer, C., Pedersen, L., Ryan, S., and Sayers, C., 1997, Seismic reservoir monitoring on Gullfaks: *The Leading Edge*, **16**, 1247–1252.
- Sorin, V., Keydar, S., and Landa, E., 1996, Velocity analysis: Phenomenon of local homogeneous model: *The Leading Edge*, **15**, 1033–1035.
- Soto-Cuervo, A., 1997, The new Pemex and exploration in Mexico: An overview: *The Leading Edge*, **16**, 1759–1760.
- Sparkman, G., 1997, An introduction to this issue: Managing the reservoir: *The Leading Edge*, **16**, 1244.
- Sparkman, G. W., 1991, President's page: Yes, there is a future: *The Leading Edge*, **10**, 4.
- Spies, B. R., 1991, The Digital Cumulative Index: The desktop alternative: *The Leading Edge*, **10**, 51–55.
- , 1992a, Information at your fingertips - Using The Digital Cumulative Index: *The Leading Edge*, **11**, 65–66.
- , 1992b, The Leading Edge - 10 years in review: *The Leading Edge*, **11**, 5.
- , 1992c, Special issues on reservoir description: *The Leading Edge*, **11**, 10.
- , 1996, SEG and the world wide web: The first year in review: *The Leading Edge*, **15**, 379–380.
- , 1997, New SEG logo proposed: *The Leading Edge*, **16**, 1373.
- Spies, B. R., and Mosher, C. C., 1995, President's page - SEG joins the world wide web: *The Leading Edge*, **14**, 80.
- Spies, B. R., and Winterstein, D. F., 1994, Research in the '90s: *The Leading Edge*, **13**, 17–23.
- Staff, 1985, Careers in exploration geophysics: Soc. of Expl. Geophys., designed for undergraduate and high school students.
- , 1989a, 1989 annual report of the Society of Exploration Geophysicists: *The Leading Edge*, **08**, 24–65.
- , 1989b, Geophysics and the horizontal well: *The Leading Edge*, **08**, 44–45.
- , 1989c, IAGC meeting review: Exploration, production continue international shift: *The Leading Edge*, **08**, 46–47.
- , 1989d, IAGC workshop on data ownership rights: *The Leading Edge*, **08**, 47.
- , 1989e, SEG 1988 research workshops: *The Leading Edge*, **08**, 23–25.

- , 1990a, IBM and CSM join forces: *The Leading Edge*, **09**, 24.
- , 1990b, SEG 1989 Award Citations: *The Leading Edge*, **09**, 18–22.
- , 1990c, SEG fifty-ninth annual international meeting and exposition: A photographic review: *The Leading Edge*, **09**, 12–17.
- , 1991a, Annual meetings 1955-90: *The Leading Edge*, **10**, 55–56.
- , 1991b, Awards 1930-90: *The Leading Edge*, **10**, 31–34.
- , 1991c, Cal. Tech. using network to simulate earthquakes: *The Leading Edge*, **10**, 39–40.
- , 1991d, Code of Ethics 1991: *The Leading Edge*, **10**, 35.
- , 1991e, Computer tape stiction: *The Leading Edge*, **10**, 65–66.
- , 1991f, Constitution and Bylaws 1991: *The Leading Edge*, **10**, 36–42.
- , 1991g, Continuing education program 1991: *The Leading Edge*, **10**, 63–70.
- , 1991h, Earth science poster to target high schools: *The Leading Edge*, **10**, 36.
- , 1991i, A founder and a Jack of all (geophysical) trades: *The Leading Edge*, **10**, 31–32.
- , 1991j, Membership list: *The Leading Edge*, **10**, 97–271.
- , 1991k, Memorial: John H. Wilson: *The Leading Edge*, **10**, 95.
- , 1991l, Officers 1930-90: *The Leading Edge*, **10**, 53.
- , 1991m, SEG 1990 annual meeting workshops: *The Leading Edge*, **10**, 73–76.
- , 1991n, SEG 1990 Award Citations: *The Leading Edge*, **10**, 18–22.
- , 1991o, SEG sixtieth annual international meeting and exposition: A photographic review: *The Leading Edge*, **10**, 11–16.
- , 1992a, 1992 annual report of the Society of Exploration Geophysicists: *The Leading Edge*, **11**, 41–97.
- , 1992b, Henri-Georges Doll: *The Leading Edge*, **11**, 27–28.
- , 1992c, Memorial: David S. Bowling: *The Leading Edge*, **11**, 55.
- , 1992d, SEG 1991 Award citations: Theodor Krey, Gerald H. F. Gardner, Pierre L. Goupillaud, Gordon F. West, Ozdogan Yilmaz, CSM, L. W. Funkhouser, S. Rutt Bridges: *The Leading Edge*, **11**, 43–46.
- , 1992e, SEG 1991 research workshops, part 2: *The Leading Edge*, **11**, 17–23.

- , 1992f, SEG sixty-first annual international meeting and exposition: A photographic review: *The Leading Edge*, **11**, 37–40.
- , 1993a, Dobrin library and information center opens in Houston: *The Leading Edge*, **12**, 297.
- , 1993b, SEG sixty-second annual international meeting and exposition: A review: *The Leading Edge*, **12**, 84–86.
- , 1994a, SEG international exposition and 63rd annual meeting at a glance: *The Leading Edge*, **13**, 90–93.
- , 1994b, SOVG to focus on 'resources and opportunities': *The Leading Edge*, **13**, 120–147.
- , 1995a, 1994 SEG Award Citations: Honorary Membership for Ernest R. Kanasewich: *The Leading Edge*, **14**, 107.
- , 1995b, The 5th Archie conference: *The Leading Edge*, **14**, 221.
- , 1995c, The 5th Archie conference in review: *The Leading Edge*, **14**, 1193–1235.
- , 1995d, Azerbaijan geophysicists seek SEG-associate society status: *The Leading Edge*, **14**, 200–201.
- , 1995e, SEG international dues grant: *The Leading Edge*, **14**, 110.
- , 1995f, SEG international dues grant: *The Leading Edge*, **14**, 683.
- , 1995g, SEG's international exposition & 65th annual meeting to be held 8-13 October in Houston: *The Leading Edge*, **14**, 933–934.
- , 1995h, SEG's international exposition and 64th annual meeting in review: *The Leading Edge*, **14**, 90–92.
- , 1995i, South & east Asian breakfast: A growing affair at the SEG annual international meeting: *The Leading Edge*, **14**, 110–111.
- , 1996a, 1995 SEG Award citations: Distinguished Achievement for Stanford University: *The Leading Edge*, **15**, 105.
- , 1996b, 1995 SEG Award citations: Honorary Membership for Weng Wenbo: *The Leading Edge*, **15**, 102.
- , 1996c, Best deal around: *The Leading Edge*, **15**, 1118.
- , 1996d, Continuing education for fun and profit: *The Leading Edge*, **15**, 1112.
- , 1996e, Craig Ferris: *The Leading Edge*, **15**, 723–726.
- , 1996f, Don't be scared; internet's aimed for providing information: *The Leading Edge*, **15**, 1385–1386.

- , 1996g, Electronic advance registration for the 1996 annual meeting: The Leading Edge, **15**, 1046.
- , 1996h, Erratum to 'Velocity analysis and imaging in transversely isotropic media: Methodology and a case study,' (TLE 05, 0371): The Leading Edge, **15**, 809.
- , 1996i, First Karcher honors highlight SEG awards: The Leading Edge, **15**, 1120.
- , 1996j, First stop: Meet the RAM team: The Leading Edge, **15**, 1112.
- , 1996k, A glittering city of technology: The Leading Edge, **15**, 1114.
- , 1996l, The good old days: The Leading Edge, **15**, 1110.
- , 1996m, Gutenberg to Oz: SEG publications in the digital era: The Leading Edge, **15**, 1337–1338.
- , 1996n, One stop solution to most of life's little problems: The Leading Edge, **15**, 1116.
- , 1996o, Photo review of a landmark 1995 international exposition and 65th annual meeting: The Leading Edge, **15**, 89–92.
- , 1996p, SEG's role in getting your message out: The Leading Edge, **15**, 1122–1124.
- , 1996q, Shop book smart: The Leading Edge, **15**, 1118.
- , 1996r, The short, happy life of a technical paper: The Leading Edge, **15**, 1114.
- , 1996s, Special events - Put 'faces' in your convention experience: The Leading Edge, **15**, 1116.
- , 1996t, Writing an article for TLE in the new millennium: The Leading Edge, **15**, 1339–1341.
- , 1997a, 1997 award recipients: The Leading Edge, **16**, 1396.
- , 1997b, Behind workshop scenes: The Leading Edge, **16**, 1394.
- , 1997c, Behind workshop scenes: The Leading Edge, **16**, 1573.
- , 1997d, Hugh W. hardy: The Leading Edge, **16**, 481–486.
- , 1997e, Memorial for Henry Salvatori: The Leading Edge, **16**, 1509.
- , 1997f, Technical sessions at the 67th annual meeting: The Leading Edge, **16**, 1397.
- Staff, and Officers, 1991, SEG 1991 annual report: The Leading Edge, **10**, 33–90.
- Stanulonis, S. F., and Tran, H. V., 1992, Method to determine porosity/thickness directly from 3-D seismic amplitude within the Lisburne carbonate pool, Prudhoe Bay: The Leading Edge, **11**, 14–21.

- Stark, T. J., 1996, Interpreter's corner - Surface slice generation and interpretation: A review: *The Leading Edge*, **15**, 818–819.
- Steeple, D., 1990, President's page: *The Leading Edge*, **09**, 4.
- , 1991a, President's page, digital publications: *The Leading Edge*, **10**, 8.
- , 1991b, Uses and techniques of environmental geophysics: *The Leading Edge*, **10**, 30–31.
- , 1993a, GEOROM-57 years of geophysics on CD-ROM: *The Leading Edge*, **12**, 217–218.
- , 1993b, The near-surface geophysics section: *The Leading Edge*, **12**, 922–923.
- Steeple, D. W., Green, A. G., McEvilly, T. V., Miller, R. D., Doll, W. E., and Rector, J. W., 1997, A workshop examination of shallow seismic reflection surveying: *The Leading Edge*, **16**, 1641–1647.
- Steeple, D. W., MacY, B., Schmeissner, C., and Miller, R., 1995, Contrasting near-surface and classical seismology: *The Leading Edge*, **14**, 271–272.
- Sternberg, B., Nabighian, M., and Ward, S., 1994, SEG 1993 Award Citations: Honorary Membership Citation for James R. Wait: *The Leading Edge*, **13**, 97.
- Sternberg, B. K., 1995, President's page - Status and future growth of near-surface geophysics: *The Leading Edge*, **14**, 230.
- Stevens, W. D., 1992, Keynote address: *The Leading Edge*, **11**, 52–53.
- Stewart, L., 1992a, Counterpoint to 'Untapped potential of seismic imaging', by Peter Edwards (TLE-11-8-29-34): *The Leading Edge*, **11**, 34.
- Stewart, R., 1988, Dragons and derivatives in China: *The Leading Edge*, **07**, 36–37.
- Stewart, R. R., 1992b, Geophysics for the people: CSEG geophysical exploration fair to open May 8: *The Leading Edge*, **11**, 34.
- Stewart, R. R., and Disiena, J. P., 1989, The values of VSP in interpretation: *The Leading Edge*, **08**, 16–23.
- Stilley, W. T., 1991, A geotectonic model for petroleum exploration: *The Leading Edge*, **10**, 25–30.
- Stiteler, T. C., Chacartegui, F. J., Ortega, O. J., Scott, R. W., Azpirtxaga, I., and Taylor, C. K., 1997, Carbonate platform seismic sequence attributes, Maracaibo Basin, Venezuela in Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 425–443.
- Stockwell, J. W., 1997, Free software in education: A case study of CWP/SU: Seismic Unix: *The Leading Edge*, **16**, 1045–1049.

- Stoessel, E. T., 1994, The alliance between uncertainty and credibility: *The Leading Edge*, **13**, 270–272.
- Stone, D. G., 1990, Imaging with poststack data: *The Leading Edge*, **09**, 34–40.
- Stone, D. S., 1996a, Summerland offshore field: Early development, part 2: *The Leading Edge*, **15**, 755–760.
- , 1996b, Summerland offshore field: Recollections of discovery, part 1: *The Leading Edge*, **15**, 351–355.
- Strack, K. M., 1993, 11th workshop on electromagnetic induction in the Earth: *The Leading Edge*, **12**, 298.
- Study, T. B. E., 1997, A promising area in the eastern Black Sea: *The Leading Edge*, **16**, 911–914.
- Su, C.-B., and Black, J., 1996, Practical, scalable, modern 3-D seismic processing: *The Leading Edge*, **15**, 1373–1377.
- Su, Z., Yan, L., Chen, Q., and Hu, W., 1997, Synchronized array MT sounding in mountain areas: *The Leading Edge*, **16**, 375–376.
- Subcomm., S. G. S., 1992, Graphics standards requirements: *The Leading Edge*, **11**, 69.
- Sujanto, F. X., 1996, Indonesian oil & gas exploration: Experiences and perspectives: *The Leading Edge*, **15**, 275–276.
- Sumner, J. R., 1995, Technical program for SEG's 65th annual meeting: *The Leading Edge*, **14**, 1051.
- , 1996, Report of the technical program committee, 1995 annual meeting: *The Leading Edge*, **15**, 95–97.
- Sweet, J., 1997, Memorial for George Elliot sweet: *The Leading Edge*, **16**, 1839.
- Talwani, M., 1996, 1995 SEG Award citations: Special Commendation for Albert W. Bally: *The Leading Edge*, **15**, 106–107.
- Taner, M. T., 1995, 1994 SEG Award Citations: Special Commendation for Ozer Altan: *The Leading Edge*, **14**, 104–105.
- , 1997, Seismic data processing flow in areas of shallow carbonates *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 223–279.
- Tari, G., Georgiev, G., Hardy, S., Poblet, J., and Stefanescu, M., 1997, Late Triassic Cimmerian structures beneath the Moesian platform (Romania/Bulgaria): *The Leading Edge*, **16**, 1153–1157.

- Tasci, M. T., Jordan, J. M., and Keller, G. V., 1997, Electromagnetic imaging in exploration for stratigraphic traps: Anatomy of a discovery: *The Leading Edge*, **16**, 387–389.
- Taylor, P. T., Schnetzler, C. C., and Regan, R. D., 1989, Satellite magnetic data: How useful in exploration?: *The Leading Edge*, **08**, 26–28.
- Taylor, R. S., 1990, Airborne EM resistivity applied to exploration for disseminated precious metal deposits: *The Leading Edge*, **09**, 34–41.
- Tegland, E. R., and Bone, M. R., 1993, President's page - A small entrepreneur's view of U.S. geophysical activity in the remainder of this century: *The Leading Edge*, **12**, 320–321.
- Thompson, A. H., and Gist, G. A., 1993, Geophysical applications of electrokinetic conversion: *The Leading Edge*, **12**, 1169–1173.
- Thomsen, L., 1993, The current, direct value of internal research (round table): *The Leading Edge*, **12**, 918–921.
- , 1996, Round table - Poisson was not a rock physicist, either: *The Leading Edge*, **15**, 852–855.
- Thorpe, P., 1991, Memorial: Maynard P. Jones: *The Leading Edge*, **10**, 50.
- Thorseth, J., Riley, G., Atalik, E., and Us, E., 1997, 3-D seismic interpretation using the coherency cube: An example from the south Embra precaspian basin, Kazakhstan: *The Leading Edge*, **16**, 907–909.
- Tilander, N. G., and Mitchel, R. G., 1995, Processing of seismic data from overthrust areas in Latin America: *The Leading Edge*, **14**, 707–713.
- Todd, C. P., 1991, Comment on 'Poisson was not a geophysicist', by Leon Thomsen (TLE-9-12-27): *The Leading Edge*, **10**, 44.
- Todoschuck, J. P., Pilkington, M., and Gregotski, M. E., 1992, If geology is fractal, what do we do next? (round table): *The Leading Edge*, **11**, 29–35.
- Toksoz, M. N., 1993, SEG 1992 Award Citations: Special Commendation Award for Robert Schrock: *The Leading Edge*, **12**, 93–94.
- Toth, T., Vida, R., Horvath, F., and Simpkin, P., 1997, Shallow-water single and multichannel seismic profiling in a riverine environment: *The Leading Edge*, **16**, 1691–1695.
- Towle, G., 1982, Memorial: George Pickett: *The Leading Edge*, **01**, 118.
- Treitel, S., 1994, SEG 1993 Award Citations: Reginald Fessenden Citation for Leon Thomsen: *The Leading Edge*, **13**, 100–101.
- , 1996, President's page - Toward an electronic geophysics: *The Leading Edge*, **15**, 704.

- , 1997a, President's page - Two names - One journal: *The Leading Edge*, **16**, 1218.
- , 1997b, SEG's case-history initiative: *The Leading Edge*, **16**, 1330.
- Trembly, L., 1988, The interpretation of reflection seismic data - Results of the fourth annual SEG summer research workshop: *The Leading Edge*, **07**, 20–23.
- Turkarslan, M., 1997, Turkey's strategic role in the future oil industry: *The Leading Edge*, **16**, 892–893.
- Turner, D., 1992, POSC picks data access technology: *The Leading Edge*, **11**, 33–34.
- Tyne, E. D., 1996, 1995 SEG Award citations: Fessenden Award for Derecke Palmer: *The Leading Edge*, **15**, 104–105.
- Ulrych, T. J., Velis, D. R., and Sacchi, M. D., 1995, Wavelet estimation revisited: *The Leading Edge*, **14**, 1139–1143.
- Urquhart, S. A., and Zonge, K. L., 1997, Combining CSAMT and MT in difficult exploration environments: *The Leading Edge*, **16**, 383–384.
- Vaughan, C., 1995, ISEF's 46th edition in review: *The Leading Edge*, **14**, 976.
- Vazquez, R., Mendoza, A., Lopez, A., Linares, M., and Bernal, H., 1997, 3-D seismic role in the integral study of the Arcabuz-Culebra field, Mexico: *The Leading Edge*, **16**, 1763–1766.
- Vendeville, B., 1997, New tools to help delineate complex structures: *The Leading Edge*, **16**, 1124.
- Verm, R., and Hilterman, F., 1995, Lithology color-coded seismic sections: The calibration of AVO crossplotting to rock properties: *The Leading Edge*, **14**, 847–853.
- Verm, R. W., 1992, Directions in geophysical technology: A supply and demand concept: *The Leading Edge*, **11**, 54–56.
- Vermeer, G. J. O., 1991, Symmetric sampling: *The Leading Edge*, **10**, 21–27.
- Vermeer, G. J. O., and Neidell, N., 1995, Round table-is 'coarse' the right course?: *The Leading Edge*, **14**, 989–993.
- Vogler, R., 1996, Thinking of volunteering? Look no further: *The Leading Edge*, **15**, 1104.
- de Voogd, N., 1994, SEG 1993 Award Citations: Honorary Membership Citation for Augustinus (Gus) J. Berkhout: *The Leading Edge*, **13**, 97–98.
- Wagner, P. D., 1997, Seismic signatures of carbonate diagenesis *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 307–320.
- Wait, J. R., 1995, Discussion on the term 'quasi-static': *The Leading Edge*, **14**, 926.

- Waite, M. W., and Sigit, R., 1997, Seismic monitoring of the Duri steamflood: Application to reservoir management: *The Leading Edge*, **16**, 1275–1278.
- Wakefield, H. A., 1993, SEG 1992 Award Citations: Enterprise Citation for C.R. Pelton: *The Leading Edge*, **12**, 92–93.
- Wang, F. P., Lucia, F. J., and Kerans, C., 1997a, Modeling dolomitized carbonate-ramp reservoirs: A case study of the Seminole San Andreas unit and outcrop analogs: *The Leading Edge*, **16**, 1318–1322.
- Wang, Q., Tan, D., and Yao, Z., 1997b, Removal of static shift in MT data using TEM soundings: *The Leading Edge*, **16**, 358–359.
- Wang, Z., 1997a, Feasibility of time-lapse seismic reservoir monitoring: The physical basis: *The Leading Edge*, **16**, 1327–1329.
- , 1997b, Seismic properties of carbonate rocks *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 29–52.
- Wantland, K. F., 1991, What have we learned? (with counterpoint by Larry Lines): *The Leading Edge*, **10**, 43–45.
- Ward, R. W., 1996, Future geophysical technology trends: NPC members' view: *The Leading Edge*, **15**, 729–735.
- Ward, R. W., MacKay, S., Greenlee, S. M., and Dengo, C. A., 1994, Imaging sediments under salt: Where are we?: *The Leading Edge*, **13**, 834–836.
- Ward, S. H., 1992, Memorial: Gerald W. Hohmann: *The Leading Edge*, **11**, 57.
- Ward, S. H., and Nabighian, M., 1993, SEG 1992 Award Citations: Honorary Membership Citation for Gerald Hohmann: *The Leading Edge*, **12**, 89–90.
- Ward, S. H., Sternberg, B. K., LaBrecque, D. J., and Poulton, M. M., 1995, Recommendations for IP research: *The Leading Edge*, **14**, 243–247.
- Watts, R., 1996, Objectives of the U. S. DOE's research: *The Leading Edge*, **15**, 906.
- Weimer, P., and Davis, T. L., 1996, Applications of 3-D seismic data to exploration and production: Soc. of Expl. Geophys.
- Wescott, W. A., 1997, Channel versus valley: Semantics or significance?: *The Leading Edge*, **16**, 867–873.
- White, R. E., 1991, Properties of instantaneous seismic attributes: *The Leading Edge*, **10**, 26–32.
- Whitmore, N. D., and Garing, J. D., 1993, Interval velocity estimation using iterative prestack depth migration in the constant angle domain: *The Leading Edge*, **12**, 757–762.

- Wiener, R. W., Helwig, J. A., and Jiang, R., 1997, Seismic interpretation and structural analysis of a rifted thrust belt: Jiangan basin, China: *The Leading Edge*, **16**, 1177–1183.
- Wigger, S., Bailey, J., Larsen, M., and Wallace, M., 1997, Ha'py field: A Pliocene bright spot example from the Nile delta, Egypt: *The Leading Edge*, **16**, 1827–1829.
- Wilcox, S. W., 1991, Development of a new discipline in geophysics: *The Leading Edge*, **10**, 25–27.
- Wiley, R. W., McKnight, R. S., and Sekharan, K. K., 1996, Salt canopy 3-D physical modeling project: *The Leading Edge*, **15**, 1249–1251.
- Willhoit, L. E., 1989, The value of geophysics to the oil industry (1974-present): *The Leading Edge*, **08**, 69–71.
- Williams, M. C., Leighton, V. L., Vassiliou, A. A., Tan, H., Nemeth, T., Cox, V. D., and Howlett, D. L., 1997, Crosswell seismic imaging: A technology whose time has come?: *The Leading Edge*, **16**, 285–291.
- Williams, R. A., Odum, J. K., Pratt, T. L., Shedlock, K. M., and Stephenson, W. J., 1995, Seismic surveys assess earthquake hazard in the New Madrid area: *The Leading Edge*, **14**, 30–34.
- Williamson, P. R., Sams, M. S., and Worthington, M. H., 1993, Crosshole imaging in anisotropic media: *The Leading Edge*, **12**, 19–23.
- Willet, J. A., Kiel, W. F., Schollnberger, W. E., Clementz, D. M., Robertson, J. D., Vann, I., and Guillon, O., 1996, Managing resource industry research and technology: The road ahead: *The Leading Edge*, **15**, 1262–1279.
- Wills, P. B., DeMartini, D. C., Vinegar, H. J., Shlyapobersky, J., Deeg, W. F., Woerpel, J. C., Fix, J. E., Sorrells, G. G., and Adair, R. G., 1992, Active and passive imaging of hydraulic fractures: *The Leading Edge*, **11**, 15–22.
- Wilson, J. L., 1997, Carbonate depositional environments and diagenesis *in* Marfurt, K. J., Ed., *Carbonate seismology*. Soc. of Expl. Geophys., 9–28.
- Wilson, J. T., 1988, The north magnetic pole and geophysics in Canada: *The Leading Edge*, **07**, 24–27.
- Wilt, M., Lee, K., Alumbaugh, D., Morrison, H. F., Becker, A., Tseng, H. W., and Torres-Verdin, C., 1995, Crosshole electromagnetic tomography: A new technology for oil field characterization: *The Leading Edge*, **14**, 173–177.
- Winterstein, D., 1992, How shear-wave properties relate to rock fractures: Simple cases: *The Leading Edge*, **11**, 21–28.
- Withers, R. J., 1991, Student Paper Competition: *The Leading Edge*, **10**, 55.
- , 1992a, Student Paper Competition: *The Leading Edge*, **11**, 48.

- , 1992b, The value of reservoir geophysics: *The Leading Edge*, **11**, 35–39.
- Won, I. J., 1992, Diagnosing the Earth: *The Leading Edge*, **11**, 60–62.
- Woodall, R., 1988, The role of mineral exploration toward the year 2000: *The Leading Edge*, **07**, 35–37.
- Worthy, L. F., 1997, Dallas meeting: Exhibiting in the next dimension: *The Leading Edge*, **16**, 1224.
- Wright, R., 1996, E-journals: An overview: *The Leading Edge*, **15**, 1329–1331.
- Wyatt, K. D., 1997, President's page - SEG focuses on education: *The Leading Edge*, **16**, 850.
- Xie, X., Li, G., and Huang, Y., 1996, China's Tarim basin poses singular seismic surveying problems: *The Leading Edge*, **15**, 293.
- Xinwu, N., Anchang, Z., Guanding, Y., Saizhen, Z., Ai, J., and Shuchun, Z., 1988, Exploration for oil and gas with the IP-method - The anomaly model *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 273–302.
- Yan, L., Su, Z., Hu, J., and Hu, W., 1997, Field trials of LOTEM in a very rugged area: *The Leading Edge*, **16**, 379–380.
- Yang, C. H., 1996, Taiwan, Republic of China: Emphasis on research, education: *The Leading Edge*, **15**, 301–302.
- Yangzhong, L., and Zhixun, W., 1988, Spectral induced-polarization anomalies obtained with the dipole-dipole array over a polarizable sphere in a homogeneous half-space *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 303–332.
- Yazman, M., 1997, Western Turkey poses exploration challenges on/offshore: *The Leading Edge*, **16**, 897–899.
- Ye, Z., Tingzhou, X., Sichun, Z., and Liangquan, G., 1988, Application of the nuclear X-ray fluorescence method to prospecting for gold in-situ *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 399–408.
- Yilmaz, O., 1993, SEG 1992 Award Citations: Maurice Ewing Medal for Jon Claerbout: *The Leading Edge*, **12**, 88.
- , 1994, SEG 1993 Award Citations: Maurice Ewing Medal for M. Turhan Taner: *The Leading Edge*, **13**, 96–97.
- , 1995, Report on EAEG-SEG summer research workshop: *The Leading Edge*, **14**, 195–197.

- Yilmaz, O., Beydoun, W., and Ecevitoglu, B., 1997, International geophysical conference and exposition: 7-10 July 1997, Istanbul, Turkey: *The Leading Edge*, **16**, 885–886.
- Yilmaz, Y., 1997, Tectonics of the east Anatolian-Caspian regions: *The Leading Edge*, **16**, 889–891.
- Yongsun, Y., 1988, Detection of deep water courses in layered media using underground geophysical methods *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 471–486.
- York, D., 1991, Canadian geophysics: 150 years: *The Leading Edge*, **10**, 47–48.
- Young, R. A., Deng, Z., Marfurt, K. J., and Nissen, S. E., 1997, 3-D dip filtering and coherence applied to GPR data: A study: *The Leading Edge*, **16**, 921–928.
- Young, R. A., Deng, Z., and Sun, J., 1995, Interactive processing of GPR data: *The Leading Edge*, **14**, 275–280.
- Zhixun, W., and Yanzhong, L., 1988, Application of the spectral induced-polarization method over some mining districts *in* Jingxiang, Z., Ed., An overview of exploration geophysics in China. Soc. of Expl. Geophys., 333–354.
- Zhou, C., Cai, W., Luo, Y., Schuster, G., and Hassanzadeh, S., 1993a, High-resolution cross-well imaging by seismic travelttime + waveform inversion: *The Leading Edge*, **12**, 988–991.
- Zhou, H. W., Mendoza, J. A., Link, C. A., Jech, J., and McDonald, J. A., 1993b, Crosswell imaging in a shallow unconsolidated reservoir: *The Leading Edge*, **12**, 32–36.
- Zhu, X., Sixta, D. P., and Angstman, B. G., 1992, Tomostatics: Turning-ray tomography + static corrections: *The Leading Edge*, **11**, 15–23.
- Zimmerman, C. J., 1990, Discussion of 'Quick screen for AVO anomalies', by Wai-Ching Ho (TLE-8-12-72-73): *The Leading Edge*, **09**, 8.
- Zinke, S., 1996, Putting the pieces together: A new look at the SEG annual meeting: *The Leading Edge*, **15**, 1098–1099.
- Zinke, S. G., 1994, SEG membership questionnaire: What have we learned?: *The Leading Edge*, **13**, 316–318.
- Ziolkowski, A., 1993, Fundamental University research in the geosciences and its application to the exploration and production of hydrocarbons: *The Leading Edge*, **12**, 127–130.
- Zoll, R., and Brzostowski, M. A., 1996, Parallel geophysical processing: *The Leading Edge*, **15**, 1359–1361.
- Zugravescu, D., and Nabighian, M., 1994, Memorial: Sabba S. Stefanescu: *The Leading Edge*, **13**, 788.

CD13001 Todos los transistores. BJT. MOSFET. Continental Device India Limited An ISO/TS 16949, ISO 9001 and ISO 14001 Certified Company NPN SILICON PLANAR EPITAXIAL TRANSISTOR CD13001 TO - 92 Plastic Package ABSOLUTE MAXIMUM RATING (Ta =25°C) DESCRIPTION SYMBOL VALUE UNIT VCBO Collector Base Voltage 500 V VCEO Collector Emitter Voltage 400 V VEBO Emitter Base Voltage 9.0 V IC Collector Current Continuous 0.5 A ICM.