

# Testing SEG bibliography from 13001 to 14001

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## 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 CO<sub>2</sub> 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 Korembli, 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.
- Slitco, 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.

+ ISO 9001 and ISO 14001 are most widely used standards worldwide as quality management system and environment management system respectively. ISO 45001 is a recent release on occupational health and safety management system. Although all these three standards are revised in recent three years i.e. from 2015 to 2018, ISO 45001 is the latest release in 2018. Typically all three standards follow the same high level structure so it will be very easy for organizations looking to integrate these three standards or any two of them. In order to ease the process of integration, the course presents a c ISO 14001 is a widely recognized international standard which specifies the requirements for organizations that want to enhance their environmental performance and increase their operational efficiency. The framework that is based on ISO 14001 will help organizations manage their short-term and long-term processes through the use of efficient resources, which will have a positive impact on the environment. Why is Environmental Management important for you? Environmental Management should be a priority for every organization, regardless of its size or industry. Issues including climate change, ISO 14001 is the standards that set the specifications for the environmental management system. But why we focus only on ISO 14001 and not on other environmental standards of ISO14000? This is because ISO 14001 is the only one that allows it to be certified. All other ISO 14000 standards are self-certification types. Out of a number of guidelines in the ISO 14001 standards, there are four that need to be stressed upon the understanding of ISO 14001. Having an environmental management system. Having an Environmental policy.Â testing of cargo pipelines. Checklists for loading operation. Training of the crew. ISO 14001 also provided an opportunity to increase our focus on a common framework with common solutions and further demonstrate IBM's commitment to environmental leadership and continual improvement. Though it is still unknown how prevalent ISO 14001 will become, registration may become required by certain customers. If this occurs, IBM marketing units will be able to respond to customer inquiries with a single registration around the world. Q: Why did IBM decide to pursue a single worldwide ISO 14001 registration of its manufacturing and development sites? What is the difference between that