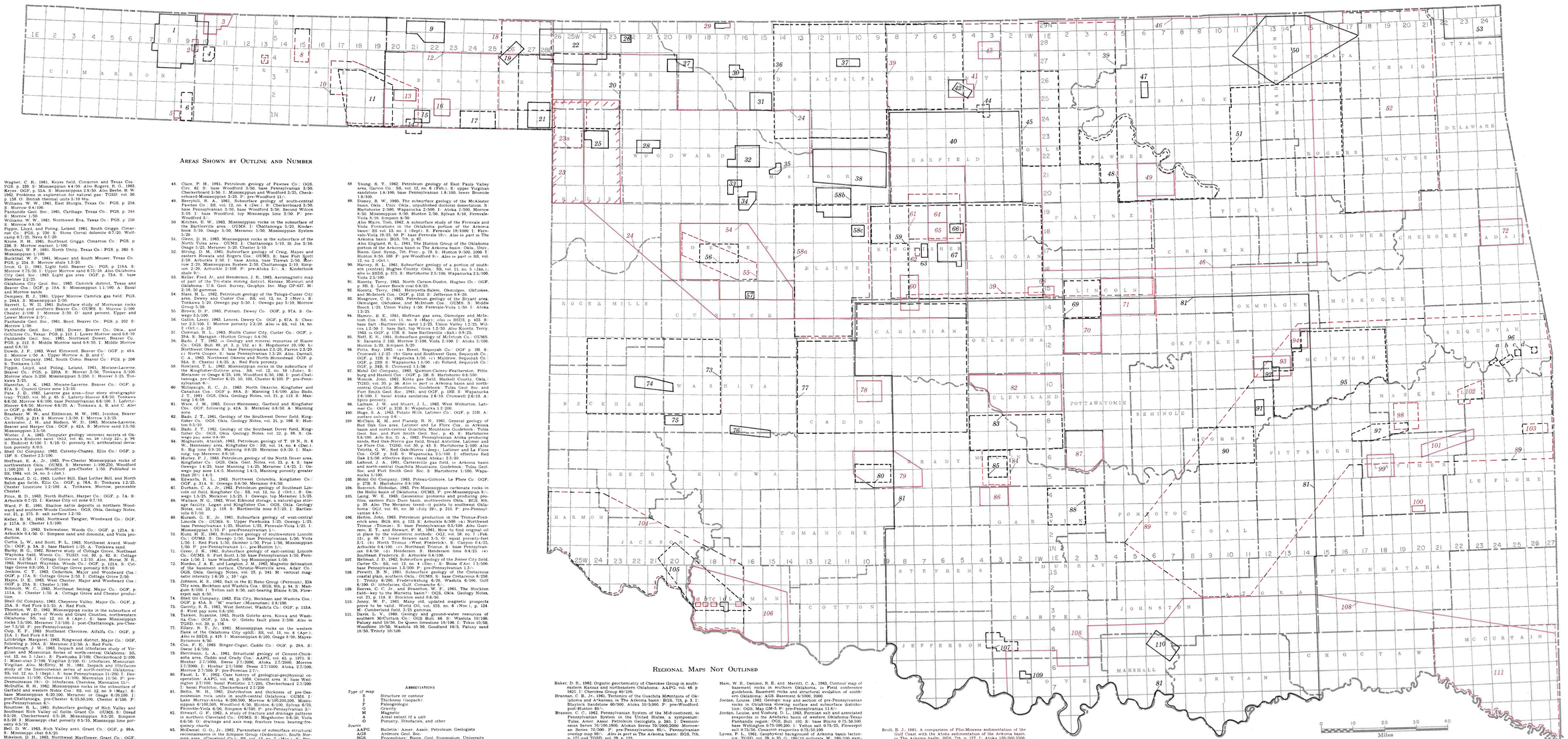

Areas Shown by Outline and Number

1. Wagner, C. R., 1961, Keyes field, Cimarron and Texas Cos.: PGB, p. 239. S: Mississippian 4,4/50. *Also* Rogers, R. G., 1963, Keyes: OGJ, p. 55A. S: Mississippian 2,8/50. *Also* Beebe, R. W., 1962, Problems in exploration for natural gas: TGSD, vol. 30, p. 138. O: British thermal units 5/10 Mu.
2. Williams, W. W., 1961, East Sturgis, Texas Co.: PGB, p. 258. S: Morrow 0,4/100.
3. Panhandle Geol. Soc., 1961, Carthage, Texas Co.: PGB, p. 248. S: Morrow 1/50.
4. Williams, W. W., 1961, Northwest Eva, Texas Co.: PGB, p. 250. S: Morrow 1/100.
5. Piggin, Lloyd, and Poling, Leland, 1961, South Griggs, Cimarron Co.: PGB, p. 230. S: Stone Corral dolomite 0,7/20. Wolfcamp 0,7/25. Nova 0,7/20.
6. Krone, R. H., 1961, Southeast Griggs, Cimarron Co.: PGB, p. 238. S: Morrow marker, 1/100.
7. Buckthal, W. P., 1961, North Unity, Texas Co.: PGB, p. 260. S: Mississippian 1/100.
8. Buckthal, W. P., 1961, Mouser and South Mouser, Texas Co.: PGB, p. 254. S: Morrow shale 1,5/20.
9. Irvin, G. D., 1961, Light field, Beaver Co.: PGB, p. 218A. S: Mississippian 2,0/50. Morrow 2,5/20. *Also* Oklahoma City Geol. Soc., 1962, Light gas area: OGJ, p. 73A. S: base Heebner 2,2/25.
10. Oklahoma City Geol. Soc., 1962, Camrick district, Texas and Beaver Cos.: OGJ, p. 10A. S: Mississippian 1,1/100. A: Basal and Morrow sands.
11. Dempsey, R. J., 1961, Upper Morrow Camrick gas field: PGB, p. 244A. S: Mississippian 2/50.
12. Barrett, L. W. II, 1961, Subsurface study of Morrowan rocks in central and southern Beaver Co.: OUMS. S: Morrow 2/100. Chester 2/100. 1: Morrow 2/50. O: sand percent. Upper and lower Morrow 2/50.
13. Panhandle Geol. Soc., 1961, Boyd, Beaver Co.: PGB, p. 202. S: Morrow 1/50.
14. Panhandle Geol. Soc., 1961, Dower, Beaver Co.: Okla. and Ochiltree Co., Texas: PGB, p. 210. I: Lower Morrow sand 0,8/10.
15. Panhandle Geol. Soc., 1961, Northeast Dower, Beaver Co.: PGB, p. 212. S: Middle Morrow sand 0,8/50. I: Middle Morrow sand 0,8/10.
16. Dowds, J. P., 1962, West Kinwood, Beaver Co.: OGJ, p. 49A. S: Morrow 1/50. A: Upper Morrow A, B, and C.
17. Sun Oil Company, 1961, South Cotto, Beaver Co.: PGB, p. 206. S: Morrow 1/50.
18. Piggin, Lloyd, and Poling, Leland, 1961, Mocane-Laverne, Beaver Co.: PGB, p. 220A. S: Hoover 3/50, Toskawa 3/100. Morrow shale 1/250. Mississippian 3/25. O: Hoover 3/25. Toskawa 3/25.
19. Hannifan, J. K., 1963, Mocane-Laverne, Beaver Co.: OGJ, p. 87A. S: Council Grove zone 1,3/10.
20. Pate, J. D., 1962, Laverne gas area—four story stratigraphic trap: TGSD, vol. 30, p. 65. S: Laferty-Hoover 6,6/50. Toskawa 6,6/50. Morrow 6,6/50. Mississippian 6,6/50. A: Laferty, Hoover 6,6/50. Morrow 6,6/20. A: Toskawa A, B, and C. *Also* OGJ, p. 60-63A.
21. Brashear, W. W., and Eddinsh, M. W., 1961, Ivanhoe, Beaver Co.: PGB, p. 214. S: Morrow 1,3/50. I: Morrow 1,3/25.
22. Ambrister, J. H., and Hodson, W. D., 1963, Mocane-Laverne, Beaver and Harper Cos.: OGJ, p. 82A. S: Morrow sand 2,5/50. Mississippian 2,5/50.
23. Wonter, J. A., 1963, Computer geology uncovers secrets of Oklahoma oil and gas sand: OGJ, vol. 61, no. 29 (July 22), p. 79. *Also* pt. 4: 6/100. I: 8,18/0. O: porosity 8/1, arithmetical deviation, porosity 8/0.5.
24. Shell Oil Company, 1963, Catesby-Chaney, Ellis Co.: OGJ, p. 13P. S: Chester 2,3/100.
24. Hoffman, E. A., Jr., 1963, Pre-Chester Mississippian rocks of northwestern Okla.: OUMS. S: Meramec 1/100,250. Woodford 1/100,250. I: post-Woodford pre-Chester 1/50. *Published* in SS, 1964, vol. 14, no. 5 (Jan.).
26. Weinkauf, D. G., 1963, Luther Hill, East Luther Hill, and North Balm gas fields, Ellis Co.: OGJ, p. 16A. S: Toskawa 1,2/25. Chester limestone 1,2/100. A: Toskawa, Morrow, permeable Chester.
26. Price, R. D., 1963, North Buffalo, Harper Co.: OGJ, p. 7A. S: Arbuckle 0,7/25. I: Kansas City oil zone 0,7/10.
27. Ward, P. E., 1961, Shallow salite deposits in northern Woodward and southern Woods Counties: OGS, Okla. Geology Notes, vol. 21, p. 275. S: salt surface 1,2/10.
28. Keller, B. M., 1963, Northwest Tangier, Woodward Co.: OGJ, p. 117A. S: Chester 1,3/100.
29. Fox, H. D., 1963, Yellowstone, Woods Co.: OGJ, p. 125A. S: Arbuckle 0,4/50. O: Simpson sand and dolomite, and Viola production.
30. Curtis, L. W., and Scott, P. L., 1963, Northwest Avard, Woodward Co.: OGJ, p. 3A. S: base Haskell 1/25. A: Tonkawa sand.
31. Waggoner, G. G., 1962, Reserve study of Cottage Grove, Northeast Waynoka field, Woods Co.: TGSD, vol. 30, p. 82. S: Cottage Grove 2,0/100. Mississippian 2,0/100. Chester 2,0/100. *Also* M. H., 1963, Northeast Waynoka, Woods Co.: OGJ, p. 121A. S: Cottage Grove 0,8/100. I: Cottage Grove porosity 0,9/10.
32. Jenkins, C. T., 1963, Cedardale, Major and Woodward Cos.: OGJ, p. 17A. S: Cottage Grove 2/50. I: Cottage Grove 2/50.
33. Hayes, D. E., 1963, West Chester, Major and Woodward Cos.: OGJ, p. 23A. S: Chester 1/100.
34. Schmitt, W. C., 1963, Northeast Seiling, Major Co.: OGJ, p. 111A. S: Chester 1/50. A: Cottage Grove and Chester production.
35. Shell Oil Company, 1963, Cheyenne Valley, Major Co.: OGJ, p. 25A. S: Red Fork 0,5/25. A: Red Fork.
36. Thornton, W. D., 1962, Mississippian rocks in the subsurface of Alfalfa and parts of Woods and Grant Counties, northwestern Oklahoma: SS, vol. 12, no. 8 (Apr.). S: base Mississippian rocks 7,5/100. Meramec 7,5/100. I: post-Chattanooga, pre-Chester 7,5/50. P: pre-Pennsylvanian.
37. Culp, E. F., 1963, Northeast Cherokee, Alfalfa Co.: OGJ, p. 21A. I: Red Fork 0,8/10.
38. Lillibridge Margaret, 1963, Ringwood district, Major Co.: OGJ, following p. 104A. S: Meramec 2,2/50. A: Red Fork.
39. Flanbrough, J. W., 1963, Isopach and lithofacies study of Virgilian and Missourian stratigraphy, Northwest Oklahoma: SS, vol. 13, no. 5 (Jan.). S: Pawhuska 2/100. Checkerboard 2/100. I: Mississippian 2/100. Virgilian 2/100. O: lithofacies. Missourian, Virgilian. *Also* McEntry, M. N., 1961, Isopach and lithofacies study of the Desmoinesian series of north-central Oklahoma: SS, vol. 12, no. 1 (Sept.). S: base Pennsylvanian 11/200. I: Desmoinesian 11/100. Cherokee 11/100. Marmaton 11/50. P: pre-Desmoinesian 18/–. O: lithofacies. Cherokee, Marmaton 11/–.
40. McDuffie, R. H., 1962, Mississippian rocks in the subsurface of Garfield and western Noble Cos.: SS, vol. 12, no. 9 (May). S: base Mississippian 6,20/100. Meramec or Osage 6,20/100. I: post-Mississippian, pre-Chester 6,25/50,100. Chester 6/100. P: pre-Pennsylvanian 6/–.
41. Routtree, R. L., 1961, Subsurface geology of Rich Valley and Southeast Rich Valley oil fields, Grant Co.: OUMS. S: Oread 0,5/20. Checkerboard 0,5/20. Mississippian 0,5/20. Simpson 0,5/20. I: Mississippian chat porosity 0,5/10. Mississippian lime porosity 0,5/10.
42. Bell, D. W., 1963, Rich Valley area, Grant Co.: OGJ, p. 99A. S: Mississippian chat 0,8/20.
43. Mankins, D. H., 1963, Northwest Mayflower, Grant Co.: OGJ, p. 79A. S: Red Fork zone 1/20. I: Red Fork zone 1/10.
44. Cooper, W. R., 1963, Southeast Salt Fork, Grant and Garfield Cos.: OGJ, p. 75A. S: Skinner 0,6/25.
45. Clements, K. P., 1963, Subsurface study of the Skinner and Red Fork Sand zones (Pennsylvanian), in portions of Noble and Kay Cos.: OUMS. S: Pink lime 1/100. Mississippi lime 1/100. I: Skinner sand 1/70. base Verdigris–top Pink lime 1/10. Red Fork sand 1/20. Red Fork zone 1/10. base Pink lime–top Inola 1/10. O: lithofacies. Skinner, Red Fork 1/–.
46. Cook, K. L., 1963, Osage bouguer gravity anomaly, Pawhuska, Osage Co.: Geophys. Soc. Tulsa, Proc., vol. 7, p. 39. G: 25/5 gammas.
47. Mathews T. A., 1963, The South Burbank unit—a comparison of oil recoveries by various type drives: Petrol. Tech., Journ., vol. 15, no. 1, p. 183. I: Burbank net sand 0/8/20.
48. Clare, P. H., 1961, Petroleum geology of Pawnee Co.: OGS, Circ. 62. S: base Woodford 3/50. base Pennsylvanian 3/50. Checkerboard 3/50. I: Mississippian and Woodford 3/25. Checkerboard, Cleveland 3/25. P: pre-Woodford 3/–.
49. Berryhill, H. L., 1961, Subsurface geology of southeastern Pawnee Co.: SS, vol. 12, no. 4 (Dec.). S: Checkerboard 3/50. base Pennsylvanian 3/50. base Woodford 3/50. Second Wilcox 3/50. I: base Woodford. top Mississippi lime 3/50. P: pre-Woodford 3/–.
50. Kitchen, E. W., 1963, Mississippian rocks in the subsurface of the Bartlesville area.: OUMS. I: Chattanooga 5/20. Kinderhook 5/10. Osage 5/50. Meramec 5/50. Mississippian System 5/20.
51. Glenn, D. H., 1963, Mississippian rocks in the subsurface of the Ponca City area.: OUMS. I: Osage 5/10. St. Joe 5/10. Osage 5/25. Meramec 5/20. Chester 5/100.
52. Strong, D. M., 1961, Subsurface geology of Craig, Mayes and eastern Nowata and Rogers Cos.: OUMS. S: base Fort Scott 2/50. Arbuckle 2/50. I: base Atoka. base Thayer 2/50. Morrow 2/20. Mississippian System 2/50. Chattanooga 2/10. Simpson 2/20. Arbuckle 2/100. P: pre-Atoka 2/–. A: Kinderhook shale 9/–.
53. Keller, Fred, Jr., and Henderson, J. R., 1963, Aeromagnetic map of part of the Tri-state mining district, Kansas, Missouri and Oklahoma: U.S. Geol. Survey, Geophys. Inv. Map GP-427. M: 50 gammas.
54. Blair, R. L., 1962, Petroleum geology of the Taloga-Custer City area, Dewey and Custer Co.: SS, vol. 12, no. 3 (Nov.). S: Tonkawa 5/20. Oswego pay 5/50. I: Oswego pay 5/10. Morrow Garrett 5/50.
55. Brown, D. P., 1963, Putnam, Dewey Co.: OGJ, p. 97A. S: Oswego 3,3/100.
56. Galin, Leroy, 1963, Lenora, Dewey Co.: OGJ, p. 67A. S: Chester 2,3/100. I: Morrow porosity 2,3/20. *Also* in SS, vol. 14, no. 2 (Oct.), p. 23.
57. Coleman, R. L., 1963, North Custer City, Custer Co.: OGJ, p. 99A. S: Hartshorne 0,8/100.
58. Butler, Dwight, 1963, Geology and mineral resources of Blaine Co.: OGS, Bull. 95. S: base Oswego 1,0/100. Hogshooter 1,0/100. Northeast Okeene. S: base Pennsylvanian 2,3/20. Pawnee 2,3/20. c) North Cooper. S: base Pennsylvanian 1,3/20. *Also*, Darnall, C. A., 1962, Northwest Okeene and North Homestead: OGJ, p. 93A. S: Chester 1,8/25. A: Red Fork porosity.
59. Rowland, T. L., 1962, Mississippian rocks in the subsurface of the Kingfisher-Guthrie area.: SS, vol. 12, no. 10 (June). S: Meramec or Osage 6/25. Woodford 6/50, 100. I: post-Chattanooga, pre-Chester 6/25, 50, 100. Chester 6/100. P: pre-Pennsylvanian 6/–.
60. Millspaugh, R. C., Jr., 1963, North Okarche, Kingfisher and Blaine Counties.: OGJ, p. 88A. S: Manning 1,6/100. Bada 2,6/100. I: OGS, Okla. Geology Notes, vol. 23, p. 113. S: Manning 1,6/50.
61. Ware, J. M., 1963, Dover-Hennessey, Garfield and Kingfisher Cos.: OGJ, following p. 42A. S: Meramec 0,8/50. A: Manning zone.
62. Bado, J. T., 1961, Geology of the Southwest Dover field, Kingfisher Co.: OGS, Okla. Geology Notes, vol. 21, p. 166. S: Hunton 0,5/10.
63. Bado, J. T., 1962, Geology of the Southeast Dover field, Kingfisher Co.: OGS, Okla. Geology Notes, vol. 22, p. 98. S: Oswego pay, zone 0,8/30.
64. Mogharabi, Kaziah, 1963, Petroleum geology of T. 19 N., R. 6 W., Hennessey area, Kingfisher Co.: SS, vol. 14, no. 4 (Dec.). S: Big zone 0,5/20. Manning 0,9/20. Meramec 0,9/20. I: Manning, top Meramec 0,9/10.
65. Hurley, P. J., 1963, Petroleum geology of the North Dover area, Kingfisher Co.: OGS, Okla. Geol. Notes, vol. 23, p. 4. S: base Oswego 1,4/25. base Manning 1,4/25. Meramec 1,4/25. I: Oswego pay 1,4/5. Manning 1,4/5. Manning porosity greater than 14/–.
66. Edwards, L. E., 1963, Northwest Columbia, Kingfisher Co.: OGJ, p. 31A. S: Oswego 0,8/50. Meramec 0,8/50.
67. Durham, C. A., Jr., 1962, Petroleum geology of Southeast Lincoln oil field, Kingfisher Co.: SS, vol. 13, no. 2 (Oct.). S: Oswego 1,5/25. Meramec 1,5/25. I: Oswego, top Meramec 1,5/25.
68. Wallace, N. G., 1963, West Edmond storage, a natural-gas storage facility, Logan and Kingfisher Cos.: OGS, Okla. Geology Notes, vol. 23, p. 119. S: Bartlesville zone 0,7/25. I: Bartlesville porosity 0/–.
69. Kisseh, G. E., Jr., 1961, Subsurface geology of west-central Lincoln Co.: OUMS. S: Upper Pawhuska 1/25. Oswego 1/25. base Pennsylvanian 1/25. Hunton 1/25. Pennsylvania-Viola 1/25. I: Mississippian 1/10. P: pre-Pennsylvanian 1/–.
70. Kunz, H. E., 1961, Subsurface geology of southwestern Lincoln Co.: OUMS. S: Oswego 1/50. base Pennsylvanian 1/50. Viola 1/50. I: Red Fork 1/50. Skinner 1/50. Prue 1/50. Mississippian 1/50. P: pre-Pennsylvanian 1/–. pre-Hunton 1/–.
71. Greer, J. K., 1961, Subsurface geology of east-central Lincoln Co.: OUMS. S: Fort Scott 1/50. base Pennsylvanian 1/50. Permian 1/50. I: Mississippian 1/50. P: pre-Pennsylvanian 1/–.
72. Norden, J. A. E., and Langton, J. M., 1963, Magnetic delineation of the basement surface, Christie-Westville area, Adair Co.: OGS, Okla. Geology Notes, vol. 23, p. 241. M: vertical magnetic intensity 1,6/20 γ 10⁻³ cgs.
73. Johnson, K. S., 1963, Salt in the E. Reno Group (Permian), Elk City area, Beckham and Washita Cos.: BGS, 8th, p. 84. S: Marlow 8/100. I: Yellow salt 8/50. salt-bearing Blaine 5/20. Flowerpot salt 8/50.
74. Shell Oil Company, 1963, Elk City, Beckham and Washita Cos.: OGJ, p. 45A. S: "M" marker (Missourian) 0,8/100.
75. Garrity, S. R., 1963, West Bertinel, Washita Co.: OGJ, p. 115A. S: First pay zone 0,8/100.
76. Shell Oil Company, 1963, North Gotebo area, Kiowa and Washita Cos.: OGJ, p. 53A. O: Gotebo fault plane 7/50. *Also* in TGSD, vol. 30, p. 156.
77. Ellery, E. T., Jr., 1961, Mississippian rocks on the western flank of the Oklahoma City uplift: SS, vol. 12, no. 8 (Apr.). *Also* in SBDS, p. 419. I: Mississippian 8/100. Osage 8/50. Mayes-Sycamore 8/50.
78. Cox, F. E., 1963, Binger-Cogar, Caddo Co.: OGJ, p. 29A. S: Deese 1,6/100.
79. Herrmann, L. A., 1961, Structural geology of Cement-Chickasha area, Caddo and Grady Cos.: AAPG, vol. 45, p. 1971. S: Morrow 2/2700. I: Morrow 2/2600. Atoka 2/2700. Morrow 2/2300. I: Morrow 2/1900. Atoka 2/1900. Deese 2/7,1000. Atoka 2/7,500. Morrow 2/7,500. P: pre-Permian 2/–.
80. Faust, L. Y., 1962, Case history of geological-geophysical cooperation: AAPG, vol. 46, p. 1058. Cement area. S: base Weldon 2/7,100. I: basal Pontotoc 2/7,200. Checkerboard 2/7,200. I: basal Pontotoc, Checkerboard 2/7,200.
81. Bellis, W. H., 1961, Distribution and thickness of pre-Desmoinesian rock units in south-central Oklahoma.: OUMS. I: Lake Murray-Atoka 6,200,500. Morrow 6,100,200. Mississippian 6/100,500. Woodford 6/50. Hunton 6/100. Sylvan 6/25. Permyle-Viola 6/50. Simpson 6/100. P: pre-Pennsylvanian 3/–.
82. Brewster, F. T., 1962, A study of fracture and drainage patterns in the Arbuckle Mountains: OGS, Okla. Geology Notes 9/6,50. Viola 0/6,50. O: drainage and area map, fracture trace, bearing-frequency charts.
83. McDaniel, G. O., Jr., 1962, Parameters of subsurface structural reconnaissance in the Simpson Group (Ordovician), South Norman area, Cleveland Co.: SS, vol. 13, no. 7 (Mar.). S: Bromide 3/50. O: differential compaction pressure 3/20psi.
84. Thomas, L. E., 1962, Subsurface geology of Criner area, McClain Co.: OUMS. S: Hart 0,5/50. Hunton 0,5/100. Permyle-Viola 0,5/100. Bromide zone 0,5/100.
85. Gatewood, Lloyd, 1963, Criner-Payne, McClain Co.: OGJ, p. 91A. S: Hunton 0,5/100. Permyle-Viola 0,5/100.
86. Bell, R. J., 1961, Pre-Pennsylvanian subsurface geology of the East Lindsay area, Garvin Co.: SS, vol. 11, no. 7 (Mar.). *Also* in SBDS, p. 400. S: Hunton 1/100. Permyle-Viola 1/100. First Bromide 1/100. Oil Creek 1/100. I: Hunton Group 1/100. P: pre-Deese 0,8/–.
87. Rybas, G. W., 1962, Petroleum geology of southwestern Pottawatomie Co.: OUMS. S: Hogshooter 1/50. base Woodford 1/50. Permyle-Viola 1/50.
88. Young, R. T., 1962, Petroleum geology of East Paula Valley area, Garvin Co.: SS, vol. 12, no. 6 (Feb.). S: upper Virgilian sandstone 1,8/100. base Pennsylvanian 1,8/100. lower Bromide 1,8/100.
89. Dabney, R. W., 1960, The subsurface geology of the McAlester basin, Okla.: Univ. Okla., unpublished doctoral dissertation. S: Hartshorne 2,50. Wapanucka 2/500. I: Atoka 2,500. Morrow 8,50. Mississippian 8/50. Hunton 2,50. Sylvan 8/10. Permyle-Viola 8/10. Simpson 8/50.
Also Mairs, Tom, 1962, A subsurface study of the Permyle and Viola Formations in the Oklahoma portion of the Arkoma basin: SS vol. 13, no. 1 (Sept.). S: Permyle 19/1000. I: Permyle-Viola 19/25, 50. P: base Permyle 19/–. *Also* in part in The Arkoma basin: BGS, 7th, p. 67.
Also England, R. L., 1962, The Hunton Group of the Oklahoma Arkoma basin: Okla. Univ., unpublished doctoral dissertation. S: Hunton 9,500. 1000. I: Hunton 9,50. 100. P: pre-Woodford 9/–. *Also* in part in SS, vol. 12, no. 2 (Oct.).
90. Harvey, R. L., 1961, Subsurface geology of a portion of southern (central) Hughes County: Okla.: SS, vol. 11, no. 5 (Jan.); *also* in SBDS, p. 375. S: Hartshorne 2,5/50. Wapanucka 2,5/100. Viola 2,5/100.
91. Koontz, Terry, 1963, North Carson-Dustin, Hughes Co.: OGJ, p. 99. S: Lower Booch coal 0,8/25.
92. Koontz, Terry, 1963, Henryetta-Salem, Okmulgee, Okfuskee, and McIntosh Cos.: OGJ, p. 101. *Also* in p. 35.
93. Hoffman, E. A., 1963, Stratigraphic geology of the Bryant area, Okmulgee, Okfuskee, and McIntosh Cos.: OUMS. S: Middle Booch 1/25. Union Valley 1/50. Permyle-Viola 1/50. I: Atoka 1,3/25.
94. Hamric, R. E., 1961, Hoffman gas area, Okmulgee and McIntosh Cos.: SS, vol. 11, no. 9 (May); *also* in SBDS. S: base Salt (Bartlesville) sand 1,2/25. Union Valley 1,2/25. Wilcox 1,2/50. I: base Salt, top Wilcox 1,2/50. *Also* Koontz, Terry, 1963, in OGJ, p. 178. S: base Bartlesville (Salt) 0,9/25.
95. Neff, E. H., 1961, Subsurface geology of McIntosh Co.: OUMS. S: Savanna 2,100. Morrow 2,100. Viola 2,100. I: Atoka 2,100. Morrow 2,100. P: pre-Atoka 2/–.
96. Potts, Ray, 1962, (a) Roest, Sequoyah Co.: OGJ, p. 38. S: Cromwell 1,2/25. (b) Gans and Southwest Gans, Sequoyah Co.: OGJ, p. 128. S: Wapanucka 1/50. (c) Muldrow, Sequoyah Co.: OGJ, p. 238. S: Wapanucka 1,1/50. (d) Roland, Sequoyah Co.: OGJ, p. 348. S: Cromwell 1,1/50.
97. Mobil Oil Company, 1963, Quinton-Carney-Featherston, Pittsburg and Haskell Cos.: OGJ, p. 58. S: Hartshorne 0,8/100.
98. Wonciik, John, 1962, Kinta gas field, Haskell County, Okla.: TGSD, vol. 30, p. 32. *Also* in part in Arkoma basin and north-central Ouachita Mountains, Guidebook: Tulsa Geol. Soc. and Ouachita Geol. Soc., 1962, p. 45. S: Atoka 2,6/100. I: Atoka 2,6/100. I: basal Atoka sandstone 2,6/10. Cromwell 2,6/10. A: Spiro porosity.
99. Latham, J. W., and Stuart, J. L., 1963, West Wilburton, Latimer Co.: OGJ, p. 31B. S: Wapanucka 1,2/200.
100. Hoge, S. A., 1963, Potato Hills, Latimer Co.: OGJ, p. 25B. A: surface outcrop 0/6.
101. McClain, K. M., and Pianalp, R. N., 1961, General geology of Red Oak Gas area, Latimer and Le Flore Cos.: in Arkoma basin and north-central Ouachita Mountains, Guidebook: Tulsa Geol. Soc. and Fort Smith Geol. Soc., p. 45. S: Hartshorne 0,8/100. *Also* Sis, D. A., 1962, Pennsylvanian Atoka producing sands, Red Oak-Norris gas field, Brazil Anticline, Latimer and Le Flore Cos.: TGSD, vol. 30, p. 43. S: Hartshorne 2,100. *Also* Vosinta, G. W., Red Oak-Norris (deep), Latimer and Le Flore Cos.: OGJ, p. 31B. S: Wapanucka 2,5/100. I: effective Red Oak 2,5/50. effective Spiro (basal Atoka) 2,5/25.
102. Lahood, J. A., 1961, Cartersville gas field, in Arkoma basin and north-central Ouachita Mountains, Guidebook: Tulsa Geol. Soc. and Fort Smith Geol. Soc. S: Hartshorne 1,100. Wapanucka 1/100.
103. Mobil Oil Company, 1963, Poteau-Gilmore, Le Flore Co.: OGJ, p. 27B. S: Hartshorne 0,8/100.
104. Brownlow, Rebecca, 1963, Pre-Mississippian carbonate rocks in the Hollis basin of Oklahoma: OUMS. P: pre-Mississippian 9/–.
105. Laing, W. E., 1963, Geosesmic problems and producing profiles, eastern Palo Duro basin, southwestern Okla.: BGS, 8th, p. 39. *Also* The Meramec trend—it points to southeast Oklahoma: OGJ, vol. 61, no. 30 (July 29), p. 210. P: pre-Pennsylvanian 9/–.
106. Hirton, John, 1963, Petroleum production in the Tecumseh-Frederick area: BGS, 8th, p. 133. S: Arbuckle 8,500. (a) Northwest Trimble (Trimble). S: base Pennsylvanian 0,5/100. *Also* Garrero, E. T., and Stewart, F. M., 1961, How to find original oil in place by the volumetric method: OGJ, vol. 59, no. 1 (Feb. 13), p. 89. I: lower Strawn sand 3/5. O: equal porosity-feet 3/1. (b) North Trimble (West Frederick). S: Canyon 0,4/25. Arbuckle 0,4/100. (c) Northeast Trimble. S: base Pennsylvanian 0,6/50. (d) Henderson. S: Henderson lime 0,4/25. (e) Southeast Frederick. S: Arbuckle 0,4/100.
107. Ketzler, R. J., 1963, Structural geology of the Joiner City field, Carter Co.: SS, vol. 13, no. 4 (Dec.). S: Bone (Fan) 1,5/500. base Pennsylvanian 1,3/500. P: pre-Pennsylvanian 1,3/–.
108. Prewitt, B. N., 1961, Subsurface geology of the Cretaceous coastal plain, southern Okla.: OUMS. S: base Cretaceous 6/250. I: Trinity 6/200. Fredericksburg 6/20. Washita 6/100. Gulf 6/100. O: lithofacies. Gulf, Comanche 6/–.
109. Reeves, C. C., Jr., and Brazelton, W. F., 1961, The Stockton field—key to the Marietta basin?: OGS, Okla. Geology Notes, vol. 21, p. 118. S: Stockton sand 0,6/50.
110. Jenny, W. P., 1963, Many old, updated magnetic prospects in southeastern Oklahoma: OGJ, p. 153. no. 6 (Nov.), p. 124. M: Cumberland field, 2,25 gammas.
111. Davis, L. V., 1960, Geology and ground-water resources of southern McCurtain Co.: OGS Bull. 86. S: Washita 10/100. Paluxy sand 10/50. De Queen limestone 10/100. I: Tokio 10,50. Woodbine 10/50. Washita 10,50. Goodland 10/5. Paluxy sand 10/50. Trinity 10/100.

Areas Shown by Outline and Number

Regional Maps Not Outlined

Baker, D. R., 1962, Organic geochemistry of Cherokee Group in southeastern Kansas and northeastern Oklahoma: AAPG, vol. 46, p. 1621. I: Cherokee Group 40/100.

Brannan, C. B., Jr., 1961, Tectonics of the Ouachita Mountains of Oklahoma: Journ. Geol. Soc. of A'ssiaia, in The Arkoma basin: BGS, 7th, p. 3. I: Blaylock Sandstone 60/500. Atoka 50/5,000. P: pre-Woodford. post-Chester 50/–.

Brashear, W. W., 1962, Pennsylvanian System of the Mid-continent, in Pennsylvanian System in the United States, a symposium: Tulsa, Amer. Assoc. Petroleum Geologists, p. 245. I: Desmoinesian Series 70/100,1000. Atokan Series 70/1000,2000. Morrowan Series 70/500. P: pre-Pennsylvanian 80/–. Pennsylvanian overlap map 80/–. *Also in part* in The Arkoma basin: BGS, 7th, p. 177 (vol TGSD, vol. 29, p. 123.

Eddleman, M. W., 1961, Tectonics and geologic history of the Texas and Oklahoma panhandles: PGB, p. 66. I: Morrow 24/100.

Flawn, P. T., and others, 1961, The Ouachita System: Texas, Univ. Bureau Econ. Geology, a confederation of Paleozoic and metamorphic rocks 20,000. P: pre-Mississippian 0/–.

Forgotson, J. M., Jr., 1963, How computers help find oil: OGJ, vol. 61, no. 11 (Mar. 18), p. 190; also in BGS, 8th, p. 108. Northwestern Oklahoma area. S: (regional) base Pennsylvanian 30/500, contour interval 30/100.

Gibbons, K. E., 1962, Pennsylvanian of the north flank of the Anadarko basin: SS, vol. 12, no. 5 (Jan.). S: Hartshorne 46/100. Des Moines 46/100. I: Upper and Middle Virgil 46/100. Lower Virgil 46/50. Upper Missouri 46/50. Lower Missouri 46/50. Atoka-Des Moines 46/100. Morrow 46/100.

Ham, W. E., Denison, R. E., and Merritt, C. A., 1963, Contour map of basement rocks in southern Oklahoma, in Field conference guidebook, Basement rocks and structural evolution of southern Oklahoma: AGS, Basement 6/1000, 2000.

Jordan, Louise, 1962, Geologic map and sections of pre-Pennsylvanian rocks in Oklahoma showing surface and subsurface distribution: OGS, Map MC-5. I: pre-Pennsylvanian 11/–.

Jordan, Louise, and Vosburg, D. L., 1963, Maps of Atoka and associated evaporites in the Anadarko basin of eastern Oklahoma-Texas Panhandle region: OGS, Bull. 102. S: base Blaine 0,75/50,100. base Wellington 0,75/100,200. I: Yeltou salt 0,75/25. Flowerpot salt 0,75/50. Cimarron evaporite 0,75/50,100.

Lyons, P. L., 1961, Geophysical background of Arkoma basin tectonics: TGSD, vol. 29, p. 95. I: 180/10 milligals M: 180/100 gammas.

Roscoe, Bailey, Jr., 1962, Regional stratigraphic analysis of Pennsylvanian and Permian rocks in western Mid-continent, Colorado, Oklahoma and Texas: AAPG, vol. 46, p. 1245. S: Cherokee Group 40/50. I: Virgil 40/200. Missouri 40/250. Atoka-Des Moines 40/250. Morrow 40/250. O: lithofacies maps of several units 40/–.

Schramm, M. W. Jr., paleogeologic and quantitative lithofacies analysis of the Simpson Group (Ordovician): Univ. Okla., unpublished doctoral dissertation. I: Corbin Ranch 12/20. Bromide 12/50. Tulip Creek 12/30. Mbbley 12/50. Oil Creek sandstone 12/50. Oil Creek 12/100. Joins 12/50. P: pre-Viola 12/–. O: overlap map of Simpson on Arbuckle 12/–. distance-function facies maps of each unit. sandstone isolith map of Oil Creek Formation. dolomite percentage map on carbonate isolith of Tulip Creek 12/–.

Scull, B. J., 1961, A comparison of Plio-Miocene sedimentation of the Gulf Coast with the Atoka sedimentation of the Arkoma basin, in The Arkoma basin: BGS, 7th, p. 127. I: Atoka 130/500,2500.

Shannon, J. P., Jr., 1962, Hunton Group (Silurian-Devonian) and related strata in Oklahoma, AAPG, vol. 46, p. 1. I: Hunton 50/100. P: Kaskaskia (pre-Woodford) 50/–. Kaskaskia superposition 50/–.

Thralls, H. M., Robb, G. L., and Schleier, A. J., 1962, Geology, geophysics work well together in Arkoma basin: OGJ, vol. 60, no. 44 (Oct. 29), p. 204. S: Wyche 7/2000.

Wanless, H. R., and others, 1963, Mapping sedimentary environments of the Simpson Group (Ordovician): Geol. Soc. Bull., vol. 74, p. 437. I: Summum cyclothem 90/25. Bireneton cyclothem 90/25. O: lithofacies and environmental maps.

Wheeler, R. O., 1960, The structural map of the Mid-Continent from Denver to the East Texas Gulf Coast: Dallas, R. W. Wheeler. Central series. 3 sheets. Southern series. 2 sheets. Contoured on youngest Ordovician present, and Precambrian. 6/500,1000.

Abbreviations

Type of map	
S	Structure or contour
I	Thickness (isopach)
P	Paleogeologic
O	Lithofacies
M	Magnetic
A	Areal extent of a unit
G	Gravity, isostatic, and other

Sources	
AAPG	Bulletin: Amer. Assoc. Petroleum Geologists
AGS	Ardmore Geol. Soc.
BGS	Proceedings: Biennl. Geol. Symposium, University of Oklahoma
OGF	Oil and gas fields of Oklahoma, vol. 1: Oklahoma City Geol. Soc.
OGJ	Oil and Gas Journal
OGS	Okla. Geol. Survey
OUMS	Unpublished MS thesis: University of Oklahoma
PGB	Oil and gas fields of the Texas and Oklahoma Panhandles: Panhandle Geol. Soc
SS	Shale Shaker: Oklahoma City Geol. Soc.
SSDS	Shale Shaker Digest III (1958-1961): Oklahoma City Geol. Soc.
TGSD	Digest: Tulsa Geol. Soc.

INDEX TO SUBSURFACE GEOLOGIC MAPPING IN OKLAHOMA, 1961–1963

Compiled by
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1964
Second edition 1985