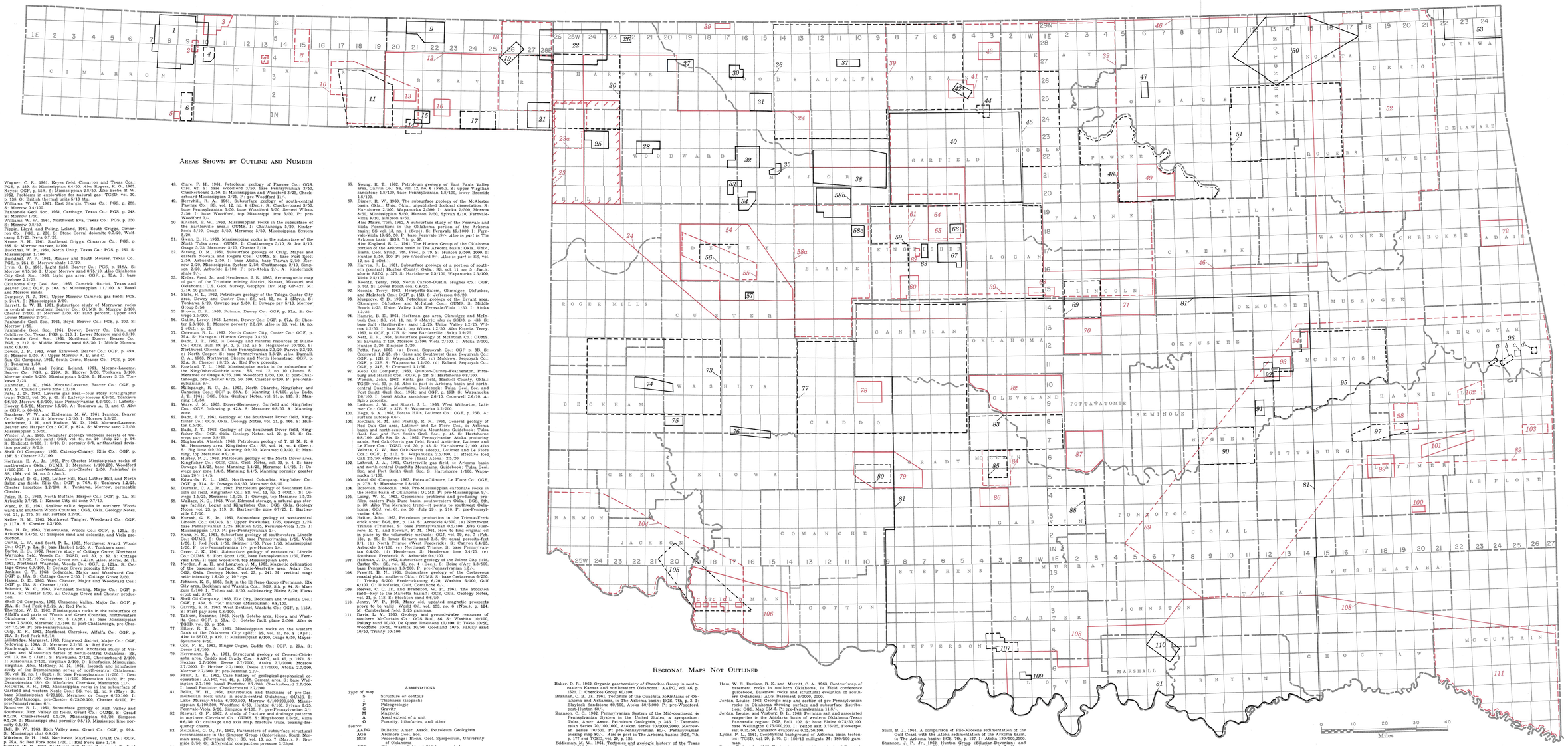

Areas Shown by Outline and Number

1. Wagner, C. R., 1961, Keyes field, Cimarron and Texas Cos.: PGS, p. 239. 5: Mississippian 4.4/50. *Also* Rogers, R. G., 1963, Keyes: OGF, p. 55A. 5: Mississippian 2.8/50. *Also* Beebe, B. W. 1962, Problems in exploration for natural gas: TGSD, vol. 30, p. 138. O: British thermal units 5/10 Mta.
2. Williams, W. W., 1961, East Sturgis, Texas Co.: PGS, p. 258. 5: Morrow 0.4/100.
3. Panhandle Geol. Soc., 1961, Carthage, Texas Co.: PGS, p. 248. 5: Morrow 0.5/50.
4. Williams, W. W., 1961, Northwest Eva, Texas Co.: PGS, p. 250. 5: Morrow 0.8/50.
5. Pippin, Lloyd, and Poling, Leland, 1961, South Griggs, Cimarron Co.: PGS, p. 230. 5: Stone Corral dolomite 0.7/20, Wolfcamp 0.7/25, Neva 0.7/20.
6. Krone, R. H., 1961, Southeast Griggs, Cimarron Co.: PGS, p. 236. 5: Morrow marker, 1/100.
7. Buckthal, W. P., 1961, North Unity, Texas Co.: PGS, p. 260. 5: Mississippian 1/100.
8. Buckthal, W. P., 1961, Mouser and South Mouser, Texas Co.: PGS, p. 251. 5: Morrow 0.5/100.
9. Myers, J. T., 1961, Wright field, Beaver Co.: PGS, p. 218A. 5: Morrow 0.75/50. I: Upper Morrow sand 0.75/10. *Also* Oklahoma City Geol. Soc., 1962, Light gas area: OGF, p. 73A. 5: base Heebner 2.2/25.
10. Oklahoma City Geol. Soc., 1962, Camrick district, Texas and Beaver Cos.: OGF, p. 10A. 5: Mississippian 1.1/100. A: Basal and Morrow sands.
11. Dempsey, R. J., 1961, Upper Morrow Camrick gas field: PGS, p. 244A. 5: Mississippian 2/50.
12. Barrett, L. W. II, 1961, Subsurface study of Morrowan rocks in parts of southern Beaver Co.: OUMS. 5: Morrow 2/100, Chester 2/100. *also* Morrow 2/30. O: sand percent, Upper and Lower Morrow 2/5.
13. Panhandle Geol. Soc., 1961, Boyd, Beaver Co.: PGS, p. 202. 5: Morrow 1/50.
14. Panhandle Geol. Soc., 1961, Dower, Beaver Co., Okla., and Ochiltree Co., Texas: PGS, p. 210. I: Lower Morrow sand 0.8/10.
15. Panhandle Geol. Soc., 1961, Northeast Dower, Beaver Co.: PGS, p. 212. 5: Middle Morrow sand 0.8/50. I: Middle Morrow sand 0.8/10.
16. Dowds, J. P., 1963, West Elmwood, Beaver Co.: OGF, p. 49A. 5: Morrow sand 0.8/50. I: Morrow sand 0.8/10.
17. Sun Oil Company, 1961, South Cotes, Beaver Co.: PGS, p. 206. 5: Tonkawa 1/50.
18. Pippin, Lloyd, and Poling, Leland, 1961, Mocane-Laverne, Beaver Co.: PGS, p. 220A. 5: Hoover 3/50, Tonkawa 3/100, Morrow shale 3/250, Mississippian 3/250. I: Hoover 3/25, Tonkawa 3/25.
19. Hannifan, J. K., 1963, Mocane-Laverne, Beaver Co.: OGF, p. 87A. 5: Council Grove zone 1.3/10.
20. Pate, F. S., 1962, Laverne gas area—four story stratigraphic: Pale. J., 1962, Laverne gas area—Morrow: OGF, p. 6A. 5: Tonkawa 6/6.50, Morrow 6.6/100, base Pennsylvanian 6.6/100. I: Laferty-Hoover 6.6/50, Morrow 6.6/20. A: Tonkawa A, B, and C. *Also* in OGF, p. 60–63A.
21. Brashear, W. W., and Eddleman, M. W., 1961, Ivanhoe, Beaver Co.: PGS, p. 214. 5: Morrow 1.3/50. I: Morrow 1.3/25.
22. Ambrister, J. H., and Hodson, W. D., 1963, Mocane-Laverne, Beaver and Harper Cos.: OGF, p. 82A. 5: Morrow sand 2.5/50, Mississippian 2.5/50.
23. Winter, J. A., 1963, Computer geology uncovers secrets of Okla. gas field—Laverne field, Harper Co.: OGF, p. 1A. 5: Endicott 8/100. I: 8/10. O: porosity 8/1, arithmetical deviation porosity 8/0.5.
23a. Shell Oil Company, 1963, Cately-Chaney, Ellis Co.: OGF, p. 13F. 5: Chester 2.3/100.
24. Hoffman, E. A., Jr., 1963, Pre-Chester Mississippian rocks of northwestern Okla.: OUMS. 5: Meramec 1/100,250, Woodford 1/100,250. I: post-Woodford, pre-Chester 1/50. *Published in* SS, 1964, vol. 14, no. 5 (Jan.).
25. Wanskuif, D. G., 1963, Luther Hill, East Luther Hill, and North Salon gas fields, Ellis Co.: OGF, p. 76A. 5: Tonkawa 1.2/25, Chester limestone 1.2/100. A: Tonkawa, Morrow, permeable Chester.
26. Price, B. D., 1963, North Buffalo, Harper Co.: OGF, p. 7A. 5: 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. 5: salt surface 1.2/10.
28. Keller, R. M., 1963, Northwest Tangier, Woodward Co.: OGF, p. 11A. 5: Chester 1.3/100.
29. Fox, H. D., 1963, Yellowstone, Woods Co.: OGF, p. 125A. 5: 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.: OGF, p. 3A. 5: base Haskell 1/25. A: Tonkawa sand.
31. Greer, K. R., 1963, Northeast Cottage Grove and Northeast Waynoka field, Woods Co.: OGF, p. 87A. 5: Cottage Grove 1.2/50. I: Cottage Grove set 1.2/10. *also* Moore, J. E., 1963, Northeast Waynoka, Woods Co.: OGF, p. 121A. 5: Cottage Grove 0.9/100. I: Cottage Grove porosity 0.9/10.
32. Jenkins, C. T., 1963, Cedardale, Major and Woodward Cos.: OGF, p. 17A. 5: Cottage Grove 2/50. I: Cottage Grove 2/50.
33. Haynes, D. E., 1963, West Chester, Major and Woodward Cos.: OGF, p. 23A. 5: Chester 1/100.
34. Schmitt, W. C., 1962, Northeast Seiling, Major Co.: OGF, p. 111A. 5: Chester 1/50. A: Cottage Grove and Chester production.
35. Shell Oil Company, 1963, Cheyenne Valley, Major Co.: OGF, p. 25A. 5: Red Fork 0.5/20. 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.). 5: 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.: OGF, p. 31A. I: Red Fork 0.8/10.
38. Lillibridge Margaret, 1963, Ringwood district, Major Co.: OGF, p. 19A. 5: Meramec 2.2/50. A: Red Fork.
39. Panhandle Geol. Soc., 1963, Isopach and lithofacies study of Virgilian and Missourian rocks in northwestern Okla.: AAPG, vol. 13, no. 5 (Jan.). 5: Pawhuska 2/100, Checkerboard 2/100. I: Missourian 2/100, Virgilian 2/100. O: lithofacies, Missourian, Virgilian. *Also*, McElroy, M. N., 1961, Isopach and lithofacies study of the Desmoinesian series of north-central Oklahoma: SS, vol. 12, no. 1 (Sept.). 5: base Pennsylvanian 1/100. 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 Major and northwestern Noble Cos.: SS, vol. 12, no. 9 (May). 5: base Mississippian 6.20/100, Meramec or Osage 6/20,100. I: post-Chattanooga, pre-Chester 6/25,50,100, Chester 6/100. P: pre-Pennsylvanian 6/-.
41. Routtenor, R. L., 1961, Subsurface geology of Rich Valley and Southeast Rich Valley oil fields, Grant Co.: OUMS. 5: Oread 0.5/20, Checkerboard 0.5/20, Mississippian 0.5/20, Simpson 0.5/20. I: Mississippi chat porosity 0.5/10, Mississippi lime porosity 0.5/10.
42. Bell, D. W., 1963, Rich Valley area, Grant Co.: OGF, p. 99A. 5: Mississippi chat 0.8/20.
43. Mankin, D. H., 1963, Northwest Mayflower, Grant Co.: OGF, p. 79A. 5: Red Fork zone 1/20. I: Red Fork zone 1/10.
44. Mankin, D. H., 1963, Lamont, Grant and Garfield Cos.: OGF, p. 107A. 5: Skinner 0.6/20.
45. Clements, K. P., 1961, Subsurface study of the Skinner and Red Fork Sand zones (Pennsylvanian) in portions of Noble and Kay Cos.: OUMS. 5: Pink lime 1/100, Mississippi lime 1/100. I: Skinner sand 1/10, 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. Sumpter, T. A., 1963, The South Burbank unit—a comparison of oil recovery by various type drives: Petrol. Tech., Jour., vol. 15, no. 11, p. 1181. I: Burbank *not* sand 0.9/20.
48. Clare, P. H., 1961, Petroleum geology of Pawnee Co.: OGS, Circ. 62. 5: base Woodford 3/50, base Pennsylvanian 3/50, Checkerboard 3/50, Mississippian 3/50, Woodford 3/25, Checkerboard-Mississippian 3/50, Hunton 3/50, Woodford 3/-.
49. Berryhill, R. A., 1961, Subsurface geology of south-central Pawnee Co.: SS, vol. 12, no. 4 (Dec.). 5: 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 Muskogee area.: OUMS. I: Chattanooga 5/10, St. Joe 5/10, Osage 5-25, Meramec 5-25, Chester 5/10.
52. Strong, D. M., 1961, Subsurface geology of Craig, Mayes and eastern Nowata and Rogers Cos.: OUMS. 5: base Fort Scott 2/50, Arbuckle 2/50. I: base Atoka, base Thaxton 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-437. G: 10/5 gammas.
54. Slade, M. L., 1962, Petroleum geology of the Taloga-Custer City area, Dewey and Custer Cos.: SS, vol. 13, no. 3 (Nov.). 5: Tonkawa 5/20, Oswego pay 5/50. I: Oswego pay 5/10, Morrow Group 5/50.
55. Brown, D. P., 1963, Putnam, Dewey Co.: OGF, p. 97A. 5: Oswego 3.5/100.
56. Gatlin, Leroy, 1963, Lenora, Dewey Co.: OGF, p. 67A. 5: Chester 2.3/100. I: Morrow porosity 2.3/20. *Also* in SS, vol. 14, no. 2 (Oct.), p. 23.
57. Ohleman, R. L., 1963, North Custer City, Custer Co.: OGF, p. 75A. 5: Oswego 1.5/100. I: Oswego 1.5/10.
58. Bado, J. T., 1962, *in* Geology and mineral resources of Blaine Co.: OGS, Bull. 89, pt. 3, p. 152; *a*) S: Hogshooter 10/100, b: Northwest Okeene, S: base Pennsylvanian 2.3/20, Pawnee 2.3/20, c) North Cooper, S: base Pennsylvanian 1.3/20. *Also*, Darnell, C. A., 1963, Northwest Okeene and North Homestead: OGF, 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, 100, Woodford 6/50, 100. I: post-Chattanooga, pre-Chester 6/25, 50, 100, Chester 6/100. P: pre-Pennsylvanian 6/-.
60. Millington, R. C., Jr., 1963, North Okarche, Kingfisher and Canadian Cos.: OGF p. 88A. S: Manning 1.6/100. *Also* Bado, J. T., 1963, Okla. Geology Notes, vol. 23, p. 113. S: Manning 1.6/50.
61. Ware, J. M., 1963, Dover-Hennessey, Garfield and Kingfisher Cos.: OGF, following p. 42A. S: Meramec 0.8/50. A: Manning sore.
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* 0.8/20.
64. Moghzarbi, Ataollah, 1963, Petroleum geology of T. 19 N., R. 6 W., Hennessey area, Kingfisher Co.: SS, vol. 14, no. 4 (Dec.). S: Big lime 0.9/20, Manning 0.9/20, Meramec 0.9/20. I: Manning; top Meramec 0.9/10.
65. Hurley, F. J., 1963, Petroleum geology of the North Dover area, Kingfisher Co.: OGS, Okla. Geol. Notes, vol. 23, p. 4. S: base Kingfisher Co. OGS, Okla. Geol. Notes, vol. 23, p. 4. S: base Oswego pay zone 1.4/5, Manning 1.4/5, Meramec 1.4/25. I: Oswego pay zone 1.4/5, Manning 1.4/5, Manning porosity greater than 20%: 1.4/5.
66. Edwards, R. L., 1963, Northwest Columbia, Kingfisher Co.: OGF, 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 pay *zone* 0.75/20, 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 0.7/10.
69. Kurath, 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, Pennsylvanian 1/25, 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, K. R., 1961, Subsurface geology of east-central Lincoln Co.: OUMS. S: Fort Scott 1/50; base Pennsylvanian 1/50, Pennsylvanian 1/50. I: Oswego 1/50, Prue 1/50, Viola 1/50.
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 × 10⁻³ cgs.
73. Johnson, K. S., 1963, Salt in the El Reno Group (Permian), Elk City area, Beckham and Washita Cos.: BGS, 8th, p. 84. S: Mangum 8/100. I: Yellow salt 8/50, salt-bearing Blaine 8/20, Flowerpot salt 8/50.
74. Shell Oil Company, 1963, Elk City, Beckham and Washita Cos.: OGF, p. 45A. S: "M" marker (Missourian) 0.8/100.
75. Gray, R. R., 1963, Northwest Sentinel, Washita Co.: OGF, p. 115A. S: First pay zone 0.8/10.
76. Takkenberg, J. A., 1963, North Gotebo area, Kiowa and Washita Cos.: OGF, p. 53A. O: Gotebo fault plane 2/500. *Also* in TGSD, vol. 30, p. 156.
77. Ellzey, R. T., Jr., 1961, Mississippian rocks on the western flank of the Oklahoma City uplift.: SS, vol. 11, no. 8 (Apr.). *Also* in SBEDL p. 419: I: Mississippian 8/100, Osage 8/50, Mayes-Sycamore 8/50.
78. Cox, F. E., 1963, Binger-Cogar, Caddo Co.: OGF, p. 29A. S: Deese 1.6/100.
79. Johnson, L. A., 1961, Structural geology of Cement-Chickasha area, Caddo and Grady Cos.: AAPG, vol. 45, p. 1971. S: Hoover 2.7/100, Deese 2.7/200, Atoka 2.7/200, Morrow 2.7/200. I: Hoover 2.7/100, Deese 2.7/100, Atoka 2.7/500, Morrow 2.7/500. P: pre-Permian 2.7/-.
80. Faust, L. Y., 1962, Case history of geological-geophysical cooperation: AAPG, vol. 46, p. 1068. Cement area. S: base Weldington 2.7/100, 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 6.700/500, Morrow 6.700/500, Mississippian 6.100/500, Woodford 6/50, Hunton 6/100, Sylvan 6/25, Simpson 6/100, Arbuckle 6/100. P: pre-Pennsylvanian 3/-.
82. Stewart, G. F., 1962, A study of fracture and trend patterns in northern Cleveland Co.: OUMS. S: Hogshooter 0.5/20, Oswego 0.5/20. G: magnetic and aza mag. 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 3/25psi.
84. Thomas, L. E., 1962, Subsurface geology of Criner area, McClain Co.: OUMS. S: Hart 0.5/50, Hunton 0.5/100, Pennsylvanian 0.5/50. I: Pennsylvanian 0.5/10.
85. Gatewood, Lloyd, 1963, Criner-Pagoda, McClain Co.: OGF, p. 35A. S: Hunton 0.8/50, Second Wilcox 0.8/50.
86. Bell, E. J., 1961, Pre-Pennsylvanian subsurface geology of the East Lindsay area, Garvin Co.: SS, vol. 11, no. 7 (Mar.). *Also*, in SBEDL p. 400: S: Hunton, 1/100, Pennsylvanian 1/100, First Bromide 1/100, Oil Creek 1/100. I: Hunton Group 1/100. P: pre-Deese 0.8/-.
87. Fybaa, G. W., 1962, Petroleum geology of southwestern Pottawatomie Co.: OUMS. S: Hogshooter 1/50, base Woodford 1/50, Pennsylvanian-Viola 1/50.
88. Young, R. T., 1962, Petroleum geology of East Pauls 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. Dickey, R. W., 1960, The subsurface geology of the McAlester basin, Okla.: Univ. Okla., unpublished doctoral dissertation. S: Hartshorne 2/500, Wapanucka 2/500. I: Atoka 2/500, Morrow 8/50, Mississippian 8/50, Hunton 2/50, Sylvan 8/10, Pennsylvanian-Viola 8/10, Simpson 8/50.
Also Mairs, Tom, 1962, A subsurface study of the Pennsylvanian-Viola Formations in the Oklahoma portion of the Arkoma basin: SS vol. 13, no. 1 (Sept.). S: Pennsylvanian 19/1000. I: Pennsylvanian-Viola 19/25, 50. P: base Pennsylvanian 19/-. *Also* in part in The Arkoma basin: BGS, 7th, p. 67.
Shelton, J. W., 1959, Study of the Hunton Group of the Oklahoma portion of the Arkoma basin in The Arkoma basin: Okla., Univ., Bienn. Geol. Symp., 7th, Proc., p. 79. 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 SBEDL p. 375. S: Hartshorne 2.5/100, Wapanucka 2.5/100, Viola 2.5/100.
91. Koontz, Terry, 1963, North Carson-Dustin, Hughes Co.: OGF, p. 93. S: Lower Booch coal 0.8/25.
92. Hannifan, J. K., 1963, Northeast Calvin-Salem, Okmulgee, Okfuskee, and McIntosh Cos.: OGF, p. 15B. S: Jefferson 0.8/20.
93. Musgrove, C. D., 1963, Petroleum geology of the Bryant area, Okmulgee, Okfuskee, and McIntosh Cos.: OUMS. S: Middle Booch 1/25, Union Valley 1/50, Fernvale-Viola 1/50. I: Atoka 1.3/25.
94. Hamric, B. E., 1961, Hoffman gas area, Okmulgee and McIntosh Cos.: SS, vol. 11, no. 9 (May); *also in* SBEDL p. 433. S: base Salt (Hartleville) sand 1.2/25, Union Valley 1.2/25, Wilcox 1.2/50. I: base Salt, top Wilcox 1.2/50, Atoka Koontz, Terry, 1963, in OGF, p. 17B. S: base Hartleville (Salt) 0.9/25.
95. Bellis, W. H., 1962, Petroleum geology of McIntosh Co.: OUMS. S: Atoka 2.5/100, Morrow 2/100, Viola 2/100. I: Atoka 2/100, Hunton 3/20, Simpson 5/20.
96. Potts, Ray, 1963, (*a*) Breed, Sequoyah Co.: OGF, p. 33B. S: Cromwell 1.2/25. (*b*) Gans and Southwest Gans, Sequoyah Co.: OGF, p. 32B. S: Wapanucka 1/50. (*c*) Muldrow, Sequoyah Co.: OGF, p. 34B. S: Wapanucka 1.1/50. (*d*) Roland, Sequoyah Co.: OGF, p. 34B. S: Cromwell 1.1/50.
97. Mobil Oil Company, 1963, Quinton-Carney-Featherston, Pittsburg and Haskell Cos.: OGF, p. 5B. S: Hartshorne 0.8/100.
98. Wonciik, John, 1962, Kinta gas field, Haskell County, Okla.: OGS, Okla. Geol. Notes, vol. 22, p. 187. S: Hartshorne 0.8/100. *also* central Ouachita Mountains, Guidebook: Tulsa Geol. Soc. and Fort Smith Geol. Soc., 1961; and OGF, p. 19B. S: Wapanucka 2.6/100. I: basal Atoka sandstone 2.6/10. Crossett 2.6/10. A: Spiro porosity.
99. Latham, J. W., and Stuart, J. L., 1963, West Wilburton, Latimer Co.: OGF, p. 37B. S: Wapanucka 1.2/200.
100. Hoge, S. A., 1963, Potato Hills, Latimer Co.: OGF, p. 25B. A: surface outcrop 0.6/.
101. McClain, R. M. and Planalp, R. N., 1961, General geology of Red Oak Gas area, Latimer and Le Flore Cos., in Arkoma Basin, Guidebook: Central Ouachita Mountains Guidebook, Tulsa Geol. Soc. and Fort Smith Geol. Soc., p. 45. S: Hartshorne 0.8/100. *Also* Six, 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* Vozitta, G. W., Red Oak-Norris (deep), Latimer and Le Flore Cos.: OGF, p. 31B. S: Wapanucka 2.5/100. I: effective Red Oak 2.5/50, effective Spiro (basal Atoka) 2.5/20.
102. Labaud, J. A., 1961, Carterville gas field, le Arkoma basin Pennsylvanian-Viola Formations, Carter County, Okla.: Univ. Okla., unpublished doctoral dissertation. S: Hartshorne 1/100, Wapanucka 1/100.
103. Mobil Oil Company, 1963, Poteau-Gilmore, Le Flore Co.: OGF, p. 27B. S: Hartshorne 0.8/100.
104. Boorovich, Slobodan, 1962, Pre-Mississippian carbonate rocks in the Hollis basin of Oklahoma: OUMS. P: pre-Mississippian 9/-.
105. Laing, W. E., 1963, Geoseismic problems and producing profiles, eastern Palo Duro basin, southwestern Okla.: BGS, 8th, p. 39. *Also* The Meramec trend—it points to southwest Oklahoma: OGJ, vol. 61, no. 30 (July 29), p. 210. P: pre-Pennsylvanian 1/-.
106. Heton, John, 1963, Petroleum production in the Trimo-Frederick area: BGS, 8th, p. 133. S: Arbuckle 8/500, (*a*) Northwest Trimo (Trimo); S: base Pennsylvanian 0.5/100. *also* Carrero, E. T., and Stewart, F. M., 1961, How to find original oil in place by the volumetric method: OGJ, vol. 59, no. 7 (Feb. 13), p. 89. I: lower Strawn sand 3/5. O: equal porosity-feet 3/1. (*b*) North Trimo (West Frederick): S: Canyon 0.4/25, Arbuckle 0.4/100. (*c*) Northeast Trimo, S: base Pennsylvanian 0.4/50. (*d*) Hendrenson, S: Hendrenson lime 0.4/25. (*e*) Southeast Frederick, S: Arbuckle 0.4/100.
107. Mairs, Tom, 1962, Structural geology of the Joiner City field, Carter Co.: SS, vol. 13, no. 4 (Dec.). S: Boise d'Arc 1.5/50, base Pennsylvanian 1.5/500. P: pre-Pennsylvanian 1.5/-.
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. 179. S: Simpson 0.6/50.
110. Jenny, W. P., 1961, Many odd and magnetic prospects prove to be valid: World Oil, vol. 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.

Regional Maps Not Outlined

Abbreviations

Type of map

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

Sources

AAPG	Bulletin: Amer. Assoc. Petroleum Geologists
AGS	Ardmore Geol. Soc.
BGS	Proceedings: Bienn. 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
PGS	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.

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 and Arkansas, *in* The Arkoma basin: Tulsa, p. 3. I: Blaylock Sandstone 80/500. Atoka 50/5,000. P: pre-Woodford. Atoka 50/5,000.
Branson, C. C., 1962, Pennsylvanian System of the Mid-continent, *in* Pennsylvanian System in the United States, a symposium: Tulsa, Amer. Assoc. Petroleum Geologists, p. 385. I: Desmoinesian Series 70/100,1000, Atokan Series 70/1000,2000, Morrowian Series 70/500. P: pre-Pennsylvanian 80/-. Pennsylvanian overlap map 80/-. *Also in part in* The Arkoma basin: BGS, 7th, p. 177 *and* TGSD, vol. 29, p. 125.
Eddleman, M. W., 1961, Tectonics and geologic history of the Texas and Oklahoma panhandles: PGS, p. 66. I: Morrow 24/100.
Flawn, P. T., and others, 1961, The Ouachita System: Texas, Univ. Austin, Bur. Econ. Geology, Pub. 6120, Paleozoic and metamorphic rocks 20/500. P: pre-Mississippian rocks 14/-.
Forgotson, J. M., Jr., 1963, How computers help find oil: OGJ, vol. 61, no. 11 (Mar. 18), p. 100; *also in* BGS, 8th, p. 108. Northwestern Oklahoma area. S: (regional) base Pennsylvanian 30/500, combined Morrow 30/100.
Gibbons, K. E., 1962, Pennsylvanian of the north flank of the Anadarko basin: SS, vol. 12, no. 5 (Jan.). S: Haskell 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: USGS, Oil and Gas Inv. Map OM-186. P: 10/-.
Jordan, Louise, and Vosburg, D. L., 1963, Permian salt and associated evaporites in the Anadarko basin of western Oklahoma-Texas Panhandle region: OGS, Bull. 102. S: base Blaine 0.75/50,100, base Wellington 0.75/100,200. I: Yelton salt 0.75/25, Flowerpot salt 0.75/50,100. Cimarron evaporites 0.75/50,100.
Lyons, P. L., 1961, Geophysical background of Arkoma basin tectonics: TGSD, vol. 29, p. 95. G: 180/10 milligals. M: 180/100 gammas.
Roscoe, Bailey, Jr., 1962, Regional stratigraphic analysis of Pennsylvanian and Permian rocks in western Mid-continent, Colorado, Kansas, Oklahoma and Texas: AAPG, vol. 46, p. 1345. S: Cherokee Group 40/250. I: Virgil 40/250, Missouri 40/250, Atoka-Des Moines 40/250, Morrow 80/250. O: lithofacies maps of several units 80/-.
Schramm, M. W. Jr., Paleogeologic and quantitative lithofacies analysis of the Simpson Group (Ordovician), Oklahoma: Univ. Oklahoma, unpublished doctoral dissertation. I: Corbin Ranch 12/20, Bromide 12/50, Tulip Creek 12/50, Mill Creek 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 Mid-Continent, *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 supergroup 50/-.
Thralls, H. M., Hobb, G. L., and Schaiper, A. J., 1962, Geology, geophysics work well together: in Arkoma basin: OGJ, vol. 60, no 44 (Oct. 29), p. 204, 206, 208, 210.
Wanless, H. R., and others, 1963, Mapping sedimentary environments of Pennsylvanian cyclothems: Geol. Soc. Amer., Bull., vol. 74, p. 437. I: Summum cyclothem 90/25, Breeton 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. 3 sheets. Contoured on youngest Ordovician present, and Precambrian. 6/500,1000.

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Compiled by
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