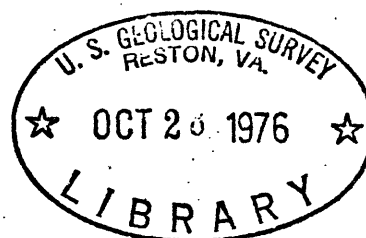


Maps Showing Geologic Structure, Bouguer Gravity, and
Aeromagnetic Intensity for Part of Central Kentucky:

by

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Keller, University of Kentucky; and Robert W. Johnson,
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Work done in cooperation with the Kentucky Geological
Survey, the University of Kentucky, and the Tennessee
Valley Authority.

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Quadrangles in which mapping is in progress

<u>Quadrangle</u>	<u>Author</u>
Sideview	Blade, L. V.
Glensboro	Cressman, E. R.
North Middletown	Helfrich, C. T.
Lebanon East	Moore, S. L.
Gravel Switch	Moore, S. L.
Parksville	Moore, S. L.
Bradfordsville	Moore, S. L.
Bradfordsville N.E.	Moore, S. L.
Ellisburg	Moore, S. L.
Brush Grove	Peterson, W. L.
Cardwell	Peterson, W. L.
Mackville	Peterson, W. L.

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Identification and location description of drill holes
shown on geologic structure contour map.

A. S. and R. Core Hole CK-2, Coletown quad.
Fayette County, 10-Q-61, 1,180' FEL, 2,800' FNL
Elev. 1,025'
Top Tyrone 200'; elev. 825'

A. S. and R. Core Hole CK-3, Valley View quad.
Jessamine County, 1-Q-61, 480' FWL, 240' FSL
Elev. 855'
Top Tyrone 0'; elev. 865'

A. S. and R. Core Hole CK-4, Tyrone quad.
Woodford County, 7-S-57; 1,960' FWL, 3,860' FSL
Elev. 810'
Top Tyrone 206'; elev. 604'

A. S. and R. Core Hole CK-5, Keene quad.
Jessamine County, 1-Q-58, 2,640' FEL, 650' FNL
Elev. 878'
Top Tyrone 92'; elev. 786'

A. S. and R. Core Hole CK-6, Kirksville quad.
Madison County, 8-O-61, 2,180' FEL, 120' FNL
Elev. 945'
Top Tyrone 451'; elev. 494'

Anderson Exploration Association, Alma Smith No. 1, Lawrenceburg quad.
Anderson County, 13-S-55, 1,600' FEL, 225' FSL
Elev. 700'
Top Tyrone 190'; elev. 510'

Boht Oil Co., S. W. Lackey No. 1, Richmond South quad.
Madison County, 9-N-63, 7,650' FEL, 10,300' FNL
Elev. 980'
Top Tyrone 769'; elev. 211'

C. Ellis and State Bank of Richmond, Collins Nol, Valley View quad.
Madison County, 11-P-61, 4,600' FEL, 13,375' FSL
Elev. 955'
Top Tyrone 420'; elev. 535'

C. F. Brogden water well, Paris West quad,
Bourbon County, 15-U-63, 2,900' FWL, 550' FSL
Elev. 910'
Top Tyrone 205'; elev. 705'

Clinton Oil Co., Hole No. 1, Kirksville quad.
Garard County, 15-0-61, 150' FEL, 950' FSL
Kelly-bushing elev. 695'
Top Tyrone 170'; elev. 525'

Cominco, Lawrenceburg quad.
Anderson County, 17-S-56, 25' FEL, 2,800' FSL
Elev. 765'
Top Tyrone 228'; elev. 537'

Ferguson and Bosworth, B. Asbury No. 1, Clintonville quad.
Fayette County, 10-S-62, 1,200' FEL, 9,950' FNL
Elev. 935'
Top Tyrone 225'; elev. 710'

Caraway et al, Jones No. 1, Buckeye quad.
Garard County, 11-N-60, 1,950' FEL, 12,725' FSL
Elev. 984'
Top Tyrone 557'; elev. 427'

Humble Core Hole No. 2, Richmond South quad.
Madison County, 2-N-62, 1,200' FWL, 21,000' FSL
Elev. 831'
Top Tyrone 466'; elev. 365'

Humble Core Hole No. 4, Gravel Switch quad.
Madison County, 17-N-54, 2,400' FEL, 400' FNL
Elev. 820'
Top Tyrone 314'; elev. 506'

Humble Core Hole No. 5, Stanford quad.
Lincoln County, 23-N-58, 1,750' FWL, 250' FSL
Elev. 858'
Top Tyrone 486'; elev. 372'

J. Darst et al, Emory Clark No. 1, Paint Lick quad.
Garard County, 10-M-61, 2,825' FEL, 9,250' FNL
Elev. 918'
Top Tyrone 555'; elev. 363'

J. C. Swope, Taul No. 2, North Middletown quad.
Montgomery County, 8-T-66, 50' FWL, 900' FSL
Swedge-nipple elev. 910', ground elev. 908'
Top Tyrone 390'; elev. 520'

J. C. Swope, Taul No. 1, North Middletown quad.
Montgomery County, 8-T-66, 1,450' FWL, 1,900' FSL
Swedge-nipple elev. 896'; ground elev. 894'
Top Tyrone 394'; elev. 502'

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J. C. Swope, Prewitt No. 1, North Middletown quad.
Montgomery County, 12-T-66, 1,450' FEL, 200' FNL
Swadge=nipple elev. 951', ground elev. 947'
Top Tyrone 490'; elev. 461')
Top Lexington 112'; elev. 839') Interval 378'

Koeneland Race Track No. 1, Lexington West quad.
Fayette County, 9-S-59, 6,950' FEL, 11,150' FNL
Elev. 951'
Top Tyrone 220'; elev. 731'

Kentucky Drilling and Operating Co., Collins No. 1, Ford quad.
Clark County, 17-R-63, 500' FEL, 1,150' FNL
Elev. 930'
Top Tyrone 176'; elev. 754'

Kentucky Drilling and Operating Co., R. R. Snowden No. 1, Bighill quad.
Madison County, 18-N-65, 11,100' FWL, 7,600' FSL
Elev. 872'
Top Tyrone 1,001'; elev. 129'

Kin-Ark Oil Co., A. Hager No. 1, Little Hickman quad.
Jessamine County, 2-P-60, 420' FEL, 1,380' FNL
Kelly-bushing elev. 797'
Top Tyrone 115'; elev. 681'

Patrick Petroleum Co., Broadus and Tussey No. 1, Paint Lick quad.
Garrard County, 15-N-61, 625' FEL, 1,900' FSL
Kelly-bushing elev. 952'
Top Tyrone 404'; elev. 548'

Peter Widener Co., Russell Gover No. 1, Hedges quad.
Clark County, 18-R-66, 2,900' FNL, 1,350' FWL
Ground elev. 907'
Top Tyrone 770'; elev. 137'

Phillip Agrios, Dudley Gaines No. 1, Tyrone quad.
Woodford County, 21-S-57, 945' FEL, 4,090' FSL
Elev. 852'
Top Tyrone 175'; elev. 677'

Stoll Oil Refining Co., Wavedy No. 2, Frankfort East quad.
Woodford County, 13-T-57, 11,875' FEL, 13,200' FNL
Elev. 810'
Top Tyrone 228'; elev. 582'

Stoll Oil Refining Co., Waverly No. 1, Frankfort East quad.
Woodford County, 13-T-57, 12,200' FEL, 13,000' FNL
Elev. 770'
Top Tyrone 194'; elev. 576'

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Texaco, P. Wolfenbarger No. 1, Little Hickman quad.
Jessamine County, 1-P-60, 2,590' FEL, 840' FSL
Elev. 966'
Top Tyrone 417'; elev. 549'

Texaco, T. Sherrer No. 1, Little Hickman quad.
Jessamine County, 6-P-60, 2,300' FEL, 2,125' FNL
Elev. 947'
Top Tyrone 40'; elev. 907'

U.S.G.S. Troy Sams Core Hole No. 1, Hedges quad.
Clark County, Ky. Coord. E. 2,037,450'; N. 165,700'
Ground elev. 985'
Top Tyrone 396'; elev. 589'

U.S.G.S. Denny Heirs Core Hole No. 1, Nicholasville quad.
Jessamine County, Ky. Coord. E. 1,910,750'; N. 151,300'
Ground elev. 1,060'
Top Tyrone 219'; elev. 841'

U.S.G.S. Sideview Core Hole No. 1, Sideview quad.
Montgomery County, Ky. Coord. E. 2,051,400'; N. 222,550'
Ground elev. 980'
Top Tyrone 436'; elev. 544'

W. Chenault et al., G. B. Todd No. 1, Berea quad.
Madison County, 23-N-62, 10,400' FEL, 2,950' FSL
Elev. 850'
Top Tyrone 617'; elev. 233'

W. C. Thompson water well, Paris West quad.
Bourbon County, 5-T-63, 2,050' FWL, 1,250' FNL
Elev. 885'
Top Tyrone 170'; elev. 715'

Walter Chenault, D. A. Hervey No. 1, Paint Lick quad.
Garrard County, 3-M-62, 10,350' FEL, 13,200' FNL
Elev. 976'
Top Tyrone 720'; elev. 256'

Kentucky (Central). Structure. 1:125,000. 1976

sheet 5

Cap. 2

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