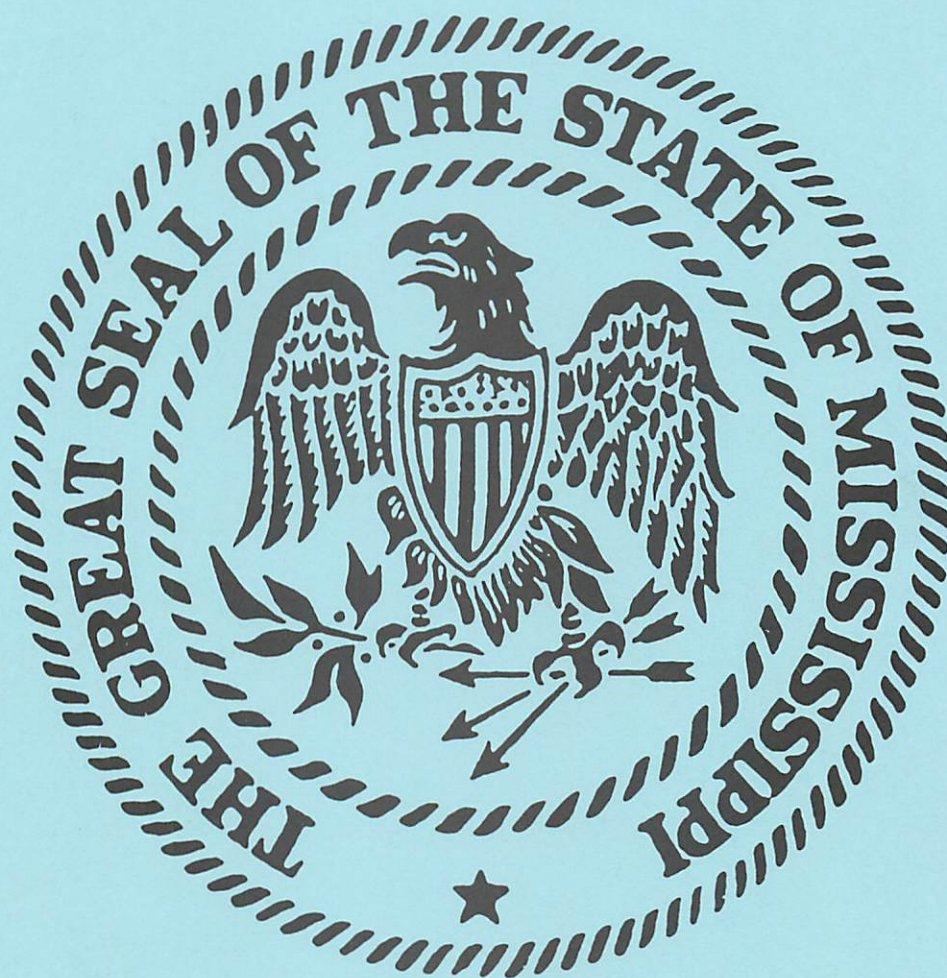


**ELECTRICAL LOGS OF WATER WELLS AND
TEST HOLES ON FILE AT THE BUREAU OF
GEOLOGY - SUPPLEMENT**

by

JAMES J. SIMS, JR.



INFORMATION SERIES 85-3

**MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES
BUREAU OF GEOLOGY**

ALVIN R. BICKER, JR.
Bureau Director

JACKSON, MISSISSIPPI

1985

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LIST OF ABBREVIATIONS

Am. - American	Ind. - Industrial
Assn. - Association	Loc. - Location
Aux. - Auxiliary	Mfg. - Manufacturing
Bd. - Board	MGS - Mississippi Geological Survey
BOG - Bureau of Geology	Rec. - Recreation
Comm. - Commission	Schl. - Schlumberger
Com. - Community	Sed. - Sedimentation
C.H. - Core Hole	S.T. - Stratigraphic Test
Dept. - Department	Sta. - Station
Elect. - Electrical	T.H. - Test Hole
Exp. - Experiment	USCE - United States Corps of Engineers
Ext. - Extension	USGS - United States Geological Survey
Geol. - Geological	WSW - Water Supply Well

INTRODUCTION

The Mississippi Bureau of Geology currently maintains a large file of electrical logs of water wells and test holes drilled in the State. Since the implementation of the present logging program, in 1964, over 5800 electrical logs have been recorded and added to the Bureau's open file. Most of these logs were recorded by the Bureau of Geology and the United States Geological Survey. Some commercial electrical logs of water wells and test holes are also contained in the files.

This report contains over 1100 electrical logs that were recorded between January 1, 1979, and December 31, 1984. The information contained in this report is the result of additional logs that have been recorded since the previous edition (1979) was published by the Bureau of Geology. For reference to maps, locations, and other illustrations and tables, this supplement should be accompanied by "Electrical Logs of Water Wells and Test Holes on File at the Bureau of Geology and Energy Resources," (Information Series BGE-79-1).

Data obtained from electrical logs offer great benefits to geologists, engineers, well contractors, and individual well owners. These logs can be interpreted to determine lithology, geometry, aquifer characteristics, correlation, thickness, and composition of rock units. Sampling of the rocks and fluids penetrated by drilling and geophysical well logging are the only ways information can be obtained from drill holes or wells. Valid logs that are correctly interpreted can be used to reduce drilling costs by guiding the location, proper drilling, and construction of water wells.

Electrical logs and samples obtained by the Bureau of Geology are public property and are made available for inspection by any contractor, official, geologist, or individual. Copies of these logs are available at a nominal charge to cover reproduction costs.

LOGGING POLICY

The Bureau of Geology will log water wells or other boreholes throughout the State that are not normally logged by a commercial logging company. The service is limited by funds available, quality, quantity, and location of information to be derived, and availability of logging equipment and operating personnel. Upon completion of logging, the operator is directed to bring the best tracing back to the Bureau for completion. The Bureau will mail finished prints of logs according to distribution instructions furnished. This will be done within 24 hours of the logging date whenever practical.

Advance notice for logging service is requested so that logging schedules can be established on the basis of prior commitment and availability of equipment and personnel. The electrical logging service is available from 8:00 A.M. to 5:00 P.M., Monday through Friday. Proper planning on the part of the contractor is requested in order to enable the logging operator to perform the logging service and return to the office during normal working hours.

The Bureau of Geology desires representative samples from each 10-foot or 20-foot interval drilled on holes throughout the State. These samples aid in the interpretation of data acquired from electrical logs. Sample bags are furnished to the contractor for this purpose.

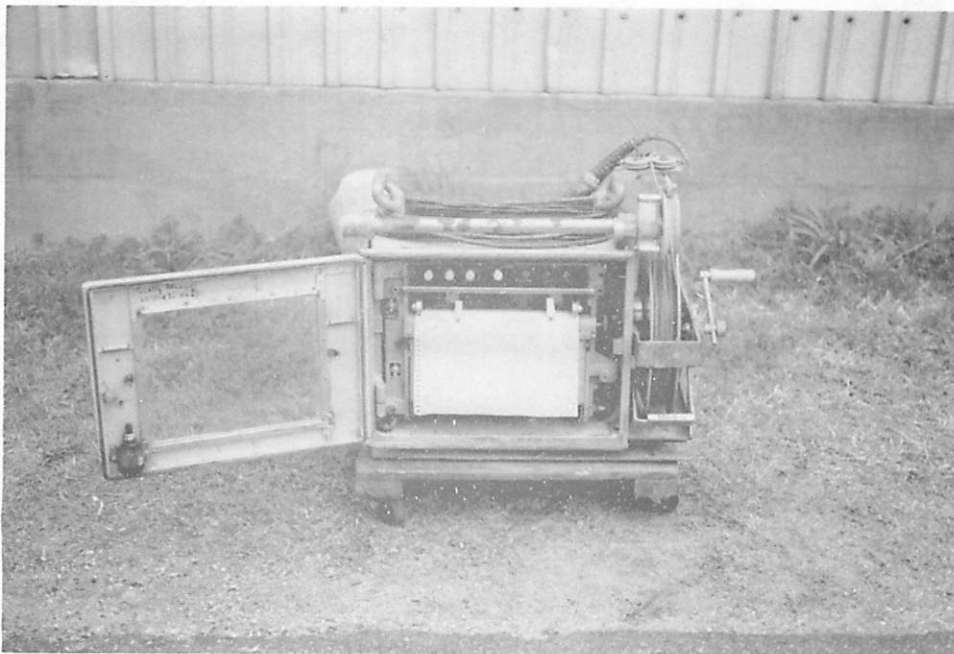
The Bureau assumes no liability for any damage that might result in the irretrievable loss of logging equipment in the borehole. The Bureau will normally assume responsibility for damage or loss of its equipment unless through negligence or willful act of the contractor or his representative.

These regulations and policies are subject to review and amendment by the Bureau of Geology at any time, but are herein stated as guidelines to procedure for the logging program.

TYPE OF EQUIPMENT

The Bureau of Geology currently operates three logging instruments, each capable of recording a self potential and a resistivity curve simultaneously. One of the instruments is portable; the others are mounted in suitable vehicles and are equipped to record gamma ray logs as well.

The portable Widco logger is normally equipped with sufficient neoprene-insulated cable to log to a depth of 950 feet. This logging device is small and can be carried to any site in a pick-up or passenger car. It records a self potential and a single point resistance curve simultaneously and is raised and lowered in the borehole manually with a geared hand-crank. Electrical power needed to operate this unit is supplied by a 115 volt AC rotary convertor powered by an ordinary 12 volt car battery. This unit is used primarily to log shallow test holes for the Bureau, but it is also used in the logging program when necessary.



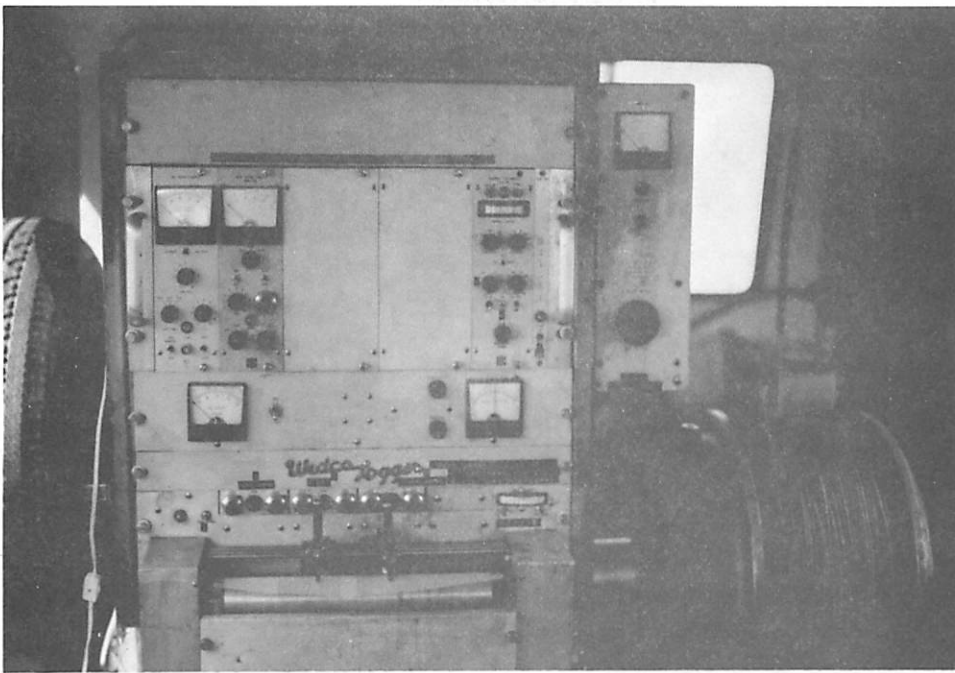
WIDCO PORTABLE SINGLE-POINT LOGGER

The Bureau of Geology also operates two truck-mounted logging devices, each of which are more advanced than the portable Widco. These logging instruments, the Gearheart-Owens and the Log Master, are multipurpose logging devices that record three curves simultaneously. Two of these curves record resistivity coinciding with electrical penetrations of 16 and 64 inches into the formations drilled, while a third curve records the spontaneous potential. Both logging instruments are also equipped to record natural gamma ray logs. Presently, a Kohler 2250 watt AC generator is used to supply the required 115 volt AC current for the operation of the Gearheart-Owens. The Log Master has a Dayton 3000 watt AC generator as its power source.

The Gearhart-Owens is normally equipped with approximately 3000 feet of four-conductor, steel-armored cable. The Log Master is equipped with approximately 4000 feet of four-conductor, steel-armored cable.



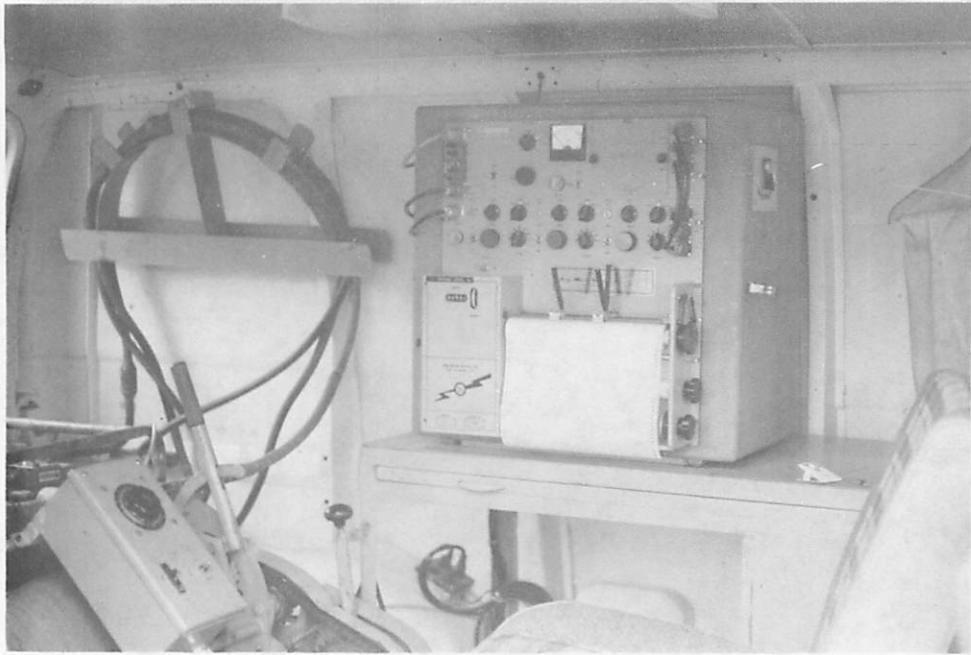
GEARHART-OWENS LOGGING VEHICLE



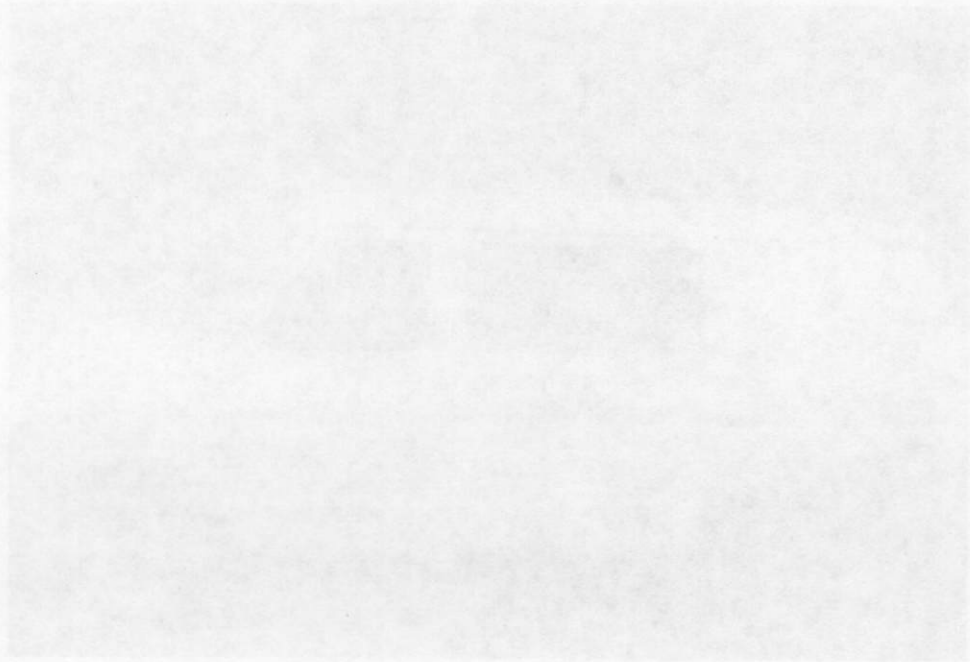
GEARHART-OWENS LOGGER



LOG MASTER VEHICLE



LOG MASTER LOGGER



ELECTRICAL LOGS IN MISSISSIPPI

Since July 1, 1964, the Bureau of Geology has kept a record of all water wells and test holes logged with its instruments. The number of logs recorded throughout the State, as of December 31, 1984, exceeds 5800. This tabulation also includes logs recorded by the U. S. Geological Survey as well as some commercial logs on water wells in the State. The combination of logs acquired from other sources has enabled the Bureau to accumulate enormous geological information. At the same time, an invaluable service to the water well industry is offered.

Figures 1 through 82 show locations of water wells and various other boreholes in the counties of the State for which the Bureau has electrical logs available. These locations represent logs recorded between January 1, 1979, and December 31, 1984. The numbers shown by each location indicate the Bureau's file numbers for the electrical logs on those drill hole locations.

Tables 1 through 82 are tabulations of electrical logs in Mississippi by individual county that were recorded between January 1, 1979, and December 31, 1984. The logs are tabulated by individual county and listed numerically and alphabetically by Bureau file number. Other pertinent information such as ownership, agency that recorded the log, location, log interval, and date is also included in the tabulations.

ACKNOWLEDGMENTS

The Bureau of Geology wishes to acknowledge the cooperation and assistance provided by the Water Resources Division of the U. S. Geological Survey. The access to data and the help of U. S. Geological Survey personnel are greatly appreciated.

Corrections on Logs
on File at the
Bureau of Geology

Adams County

C30	Natchez Bluff TH #N.B.-11	Old Location 21-7N-3W New Location 24-7N-3W	05-25-84
C31	Natchez Bluff TH #N.B.-12	Old Location 21-7N-3W New Location 24-7N-3W	05-25-84

Clay County

Old File Number E2 New File Number H19	Lone Oak Unility	7-17S-6E	09-23-80
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Copiah County

A10	American Quasar Petroleum WSW #1	Old Location 11-12N-5E New Location 11-12N-5W	09-18-81
R28	Georgetown	Old Location 2-10N-1E New Location 2-10N-10E	11-10-80

Hinds County

Old File Number K48 New File Number J25	Nelford Walton	23-5N-4W	06-17-81
Old File Number D16 New File Number 027	Hubbard Water Associaton	1-14N-5E	12-05-80

Jasper County

Old File Number P4 New File Number U17	Gulf Oil Co.	Old Location 36-1N-12E New Location 6-10N-10W	11-22-83
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Jones County

Old File Number N6	Glade Water Works	27-8N-11W	08-26-81
New File Number G-8			

Lafayette County

Old File Number F36	M. M. R. I. LTH 81-15	34-6S-3W	06-16-82
New File Number B8			

Old File Number F37	M. M. R. I. LTH 81-16	23-6S-3W	06-17-82
New File Number B9			

Old File Number H-1	Sander's Water Associaton	26-7S-1W	04-14-81
New File Number D1			

Lawrence County

G1	Town of Monticello Well #4	Old Location 28-7N-21W	09-20-79
		New Location 28-7N-11E	

Lee County

Old File Number G12	City of Tupelo	21-9S-6E	07-23-81
New File Number H14			

Leflore County

P3	Charles Coker	Old Location 29-16N-1W	02-24,
		New Location 29-17N-1W	03-03-82

Change to Humphreys County

Old File Number P2	Wade Aust	29-16N-2W	02-19-80
New File Number D5			

Madison County

Old File Number K4	Incorrect Name Larry Stewart	Old Location 15-9N-1W	03-12-82
New File Number L4	Correct Name Harry Stewart #1	New Location 5-9N-1E	
Old File Number Q5	City of Canton Water Facility Well #1	28-8N-2E	09-12-80
New File Number T8			

Monroe County

Old File Number G6	Bill Fortner	14-15S-7E	07-21-81
New File Number P3			

Oktibbeha County

Old File Number F6	Blackjack Water Association	5-18N-15E	04-14-82
New File Number H3			

Simpson County

N7, N8	Shivers Water Association	Old Location 22-10N-3E	12-04,
		New Location 22-10N-20W	12-08-80
07	Vera Burkett	Old Location 17-10S-19W	09-14-78
		New Location 17-10N-19W	
010	Bud Brookes	Old Location 4-10N-4E	04-01-80
		New Location 4-10N-19W	

Smith County

Old File Number 09	Tri-County Water Association	23-1N-9E	04-15-80
New File Number 08			

Tishomingo County

Old File Number J24	Midway Pleasant Hill Water Association	11-4S-10E	09-15-81
New File Number G23			

BASE MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION, REPRODUCED WITH PERMISSION OF THE MISSISSIPPI HIGHWAY COMMISSION.

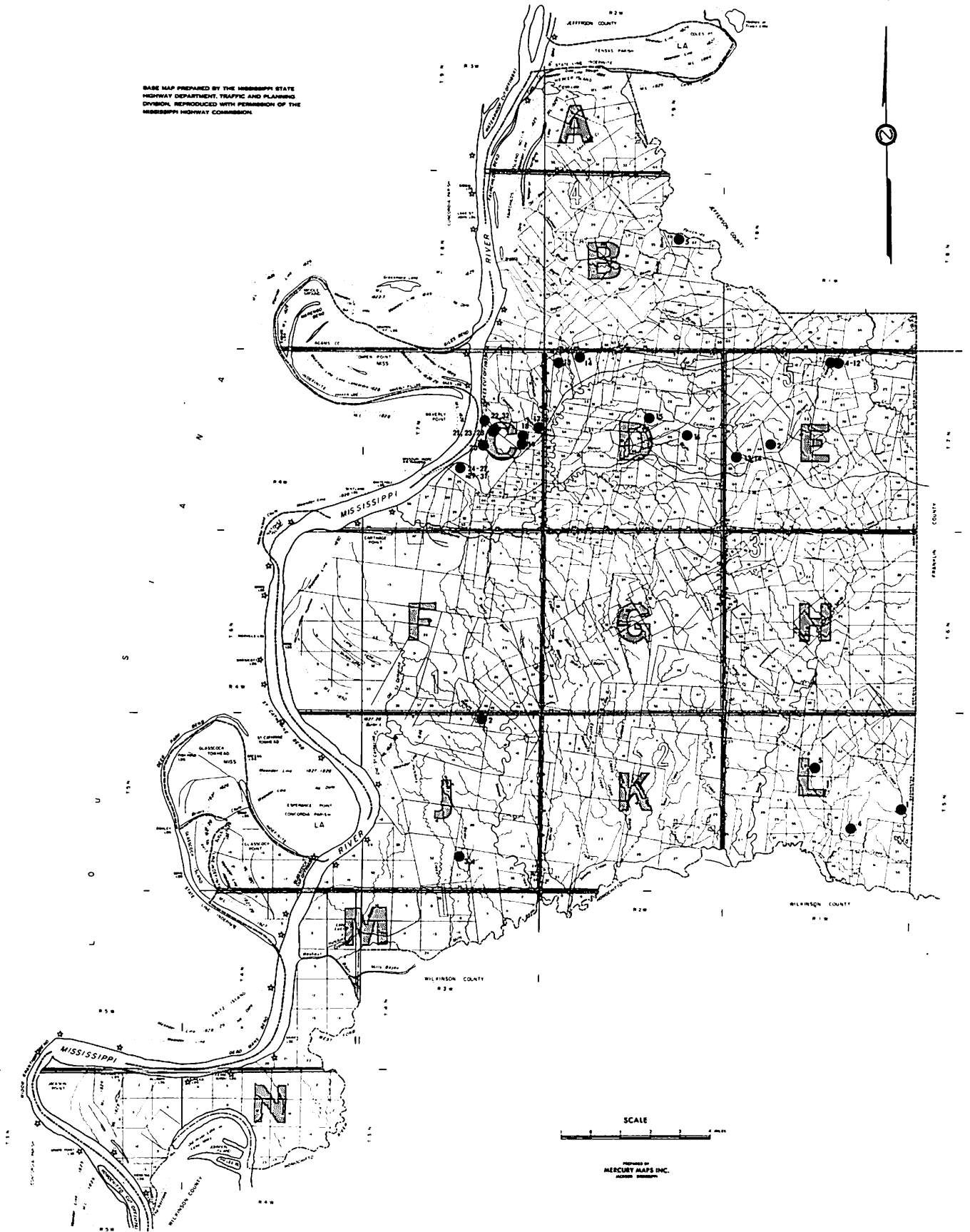


Figure 1.— Location of electrical logs in Adams County.

ADAMS

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B5	Mississippi Geological Survey T. H. EG4-8	22-	8N- 2W	0' - 220'	MGS	12-31-75
C17	Natchez Water Association Test Hole	12-	7N- 3W	10' - 640'	MGS	05-21-79
C18	Natchez Water Association #10	16-	7N- 3W	25' - 609'	B0G	01-16-80
C19	Natchez Waterworks #12	16-	7N- 3W	209' -1049'	B0G	04-02-80
C20	Natchez Bluff T. H. #N.B.-4	24-	7N- 3W	10' - 98'	B0G	05-04-84
C20	Natchez Bluff T. H. #N.B.-4 (Gamma Log)	24-	7N- 3W	5' - 98'	B0G	05-04-84
C21	Natchez Bluff T. H. #N.B.-1-84U (Gamma Log)	24-	7N- 3W	0' - 210'	B0G	05-04-84
C22	Natchez Bluff T. H. #N.B.-2	15-	7N- 3W	6' - 117'	B0G	05-08-84
C22	Natchez Bluff T. H. #N.B.-2 (Gamma Log)	15-	7N- 3W	38' - 117'	B0G	05-08-84
C23	Natchez Bluff T. H. #N.B.-3	24-	7N- 3W	0' - 198'	B0G	05-10-84
C23	Natchez Bluff T. H. #N.B.-3 (Gamma Log)	24-	7N- 3W	0' - 198'	B0G	05-10-84
C24	Natchez Bluff T. H. #N.B.-5	24-	7N- 3W	42' - 192'	B0G	05-15-84
C24	Natchez Bluff T. H. #N.B.-5 (Gamma Log)	24-	7N- 3W	7' - 193'	B0G	05-15-84
C25	Natchez Bluff T. H. #N.B.-8	24-	7N- 3W	42' - 63'	B0G	05-21-84

ADAMS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C26	Natchez Bluff T. H. #N.B.-7-84U	24-	7N- 3W	42' - 183'	BOG	05-17-84
C26	Natchez Bluff T. H. #N.B.-7-84U (Gamma Log)	24-	7N- 3W	4' - 183	BOG	05-17-84
C27	Natchez Bluff T. H. #N.B.-6	24-	7N- 3W	41' - 142'	BOG	05-23-84
C27	Natchez Bluff T. H. #N.B.-6 (Gamma Log)	24-	7N- 3W	4' - 143'	BOG	05-23-84
C28	Natchez Bluff T. H. #N.B.-9	24-	7N- 3W	42' - 169'	BOG	05-23-84
C28	Natchez Bluff T. H. #N.B.-9 (Gamma Log)	24-	7N- 3W	7' - 169'	BOG	05-23-84
C29	Natchez Bluff T. H. #N.B.-10	24-	7N- 3W	42' - 99'	BOG	05-23-84
C29	Natchez Bluff T. H. #N.B.-10 (Gamma Log)	24-	7N- 3W	7' - 99'	BOG	05-23-84
C30	Natchez Bluff T. H. #N.B.-11	24-	7N- 3W	42' - 63'	BOG	05-25-84
C30	Natchez Bluff T. H. #N.B.-11 (Gamma Log)	24-	7N- 3W	7' - 65'	BOG	05-25-84
C31	Natchez Bluff T. H. #N.B.-12	24-	7N- 3W	41' - 53'	BOG	05-25-84
C31	Natchez Bluff T. H. #N.B.-12 (Gamma Log)	24-	7N- 3W	7' - 54'	BOG	05-25-84
C32	Natchez Bluff T. H. #N.B.-13	15-	7N- 3W	42' - 170'	BOG	05-30-84
D13	Broadmoor Utilities Well #3	17-	7N- 2W	10' - 241'	MGS	05-23-79
D14	Mississippi Power & Light Co.	12-	7N- 2W	10' - 625'	BOG	06-02-81

ADAMS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D15	Adams County Water Association Test Hole	42-	7N- 2W	50'-1008'	B0G	07-02-81
D16	Adams County Water Association (Bryandale Well)	44-	7N- 2W	122'-1120'	B0G	12-13-84
E2	Mississippi Geological Survey T. H. EG4-22	34-	7N- 1W	0'- 60'	MGS	01-01-75
E4	Natchez Park T. H. #1	8-	7N- 1W	14'- 460'	B0G	06-23-82
E5	Natchez Park T. H. #1 (Gamma Log)	8-	7N- 1W	14'- 460'	B0G	06-23-82
E6	Natchez Park T. H. #2	8-	7N- 1W	14'- 539'	B0G	08-19-82
E7	Natchez Park T. H. #2 (Gamma Log)	8-	7N- 1W	8'- 540'	B0G	08-19-82
E8	Natchez Park T. H. #3	8-	7N- 1W	42'- 500'	B0G	08-19-82
E9	Natchez Park T. H. #3 (Gamma Log)	8-	7N- 1W	6'- 500'	B0G	08-19-82
E10	Natchez Park T. H. #4	8-	7N- 1W	10'- 510'	B0G	08-23-82
E11	Natchez Park T. H. #4 (Gamma Log)	8-	7N- 1W	10'- 508'	B0G	08-23-82
E12	Natchez Park T. H. #5	8-	7N- 1W	44'- 500'	B0G	08-24-82
E13	Adams County Water Association	38-	7N- 1W	250'-1223'	B0G	05-14-84

ADAMS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E14	Adams County Water Association (Fenwick Well)	38-	7N- 1W	60'-1223'	BOG	11-12-84
J2	Mississippi Geological Survey T. H. EG4-24	5-	5N- 3W	0' - 100'	MGS	01-01-75
J3	Mississippi Geological Survey T. H. EG4-26	27-	5N- 3W	0' - 70'	MGS	01-01-75
J4	Mississippi Geological Survey T. H. EG4-26 B	27-	5N- 3W	0' - 194'	MGS	01-01-75
L1	Mississippi Geological Survey T. H. EG4-2	20-	5N- 1W	0' - 90'	MGS	12-31-75
L4	Mississippi Geological Survey T. H. EG4-12	20-	5N- 1W	0' - 70'	MGS	12-31-75
L5	Mississippi Geological Survey T. H. EG4-13	16-	5N- 1W	0' - 230'	MGS	12-31-75

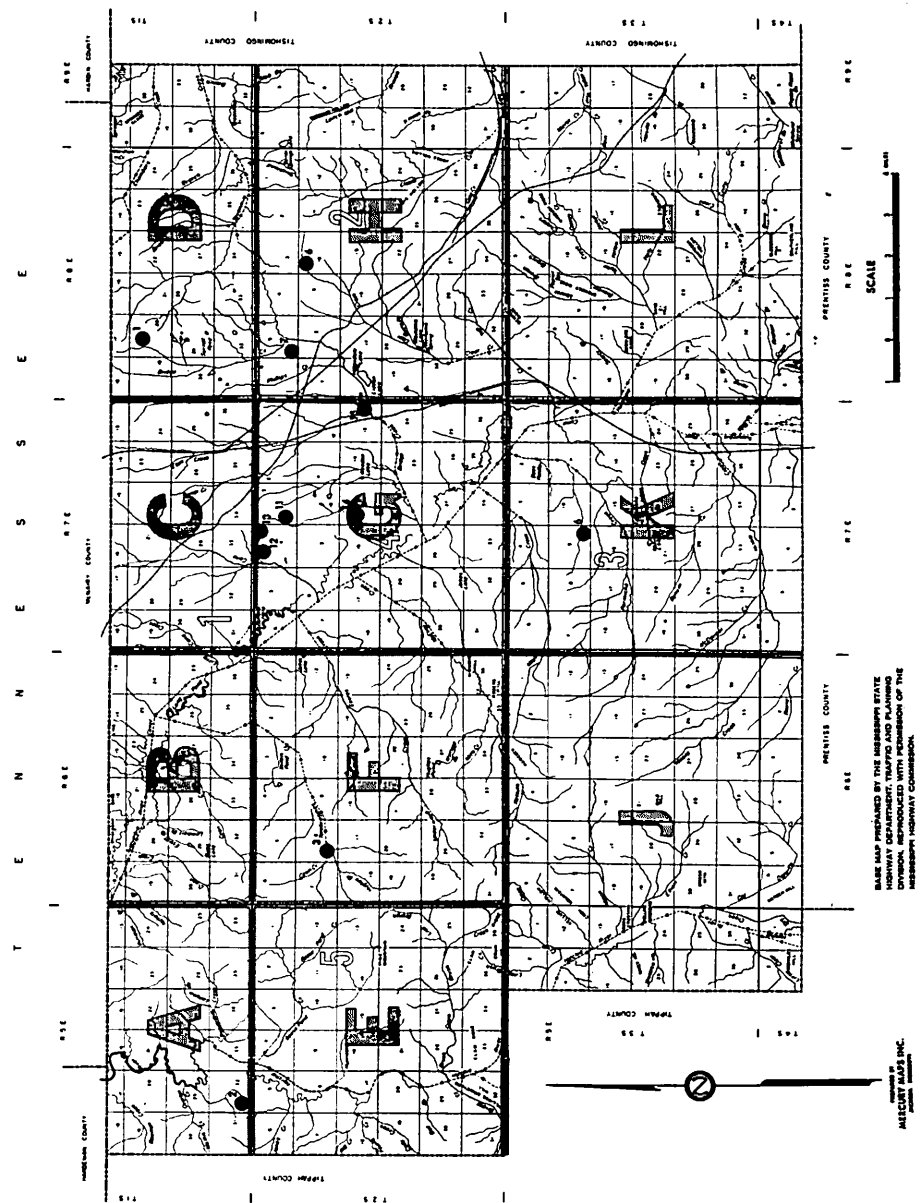


Figure 2.— Location of electrical logs in Alcorn County.

ALCORN

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Chalybeate Water Association Well #2	32-	1S- 5E	10' - 887'	MGS	06-21-79
D1	City of Corinth Site #17 T. H. #1	20-	1S- 8E	374' - 503'	B0G	05-30-84
D1	City of Corinth Site #17 T. H. #1 (Gamma Log)	20-	1S- 8E	8' - 502'	B0G	05-30-84
F3	Marvin Rainey	8-	2S- 6E	49' - 556'	B0G	10-22-81
G11	City of Corinth Test Hole	3-	2S- 7E	10' - 492'	B0G	05-07-80
G12	City of Corinth B0G #1	4-	2S- 7E	26' - 431'	B0G	05-23-84
G12	City of Corinth B0G #1 (Gamma Log)	4-	2S- 7E	10' - 431'	B0G	05-23-84
G13	City of Corinth B0G #2A	4-	2S- 7E	70' - 489'	B0G	06-28-84
G13	City of Corinth B0G #2A (Gamma Log)	4-	2S 7E	10' - 490'	B0G	06-28-84
G14	City of Corinth B0G #4	15-	2S- 7E	64' - 520'	B0G	07-13-84
G14	City of Corinth B0G #4 (Gamma Log)	15-	2S- 7E	10' - 519'	B0G	07-13-84
G15	City of Corinth B0G #5	13-	2S- 7E	19' - 369'	B0G	07-25-84
G15	City of Corinth B0G #5 (Gamma Log)	13-	2S- 7E	10' - 369'	B0G	07-25-84
H6	Farmington Water Association Well #2	10-	2S- 8E	10' - 495'	B0G	01-18-80

ALCORN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
H7	City of Corinth BOG #3	5-	2S-	8E	10' - 499'	BOG	06-14-84
H7	City of Corinth BOG #3 (Gamma Log)	5-	2S-	8E	10' - 499'	BOG	06-14-84
K6	Alcorn County Water Association Biggersville Well #2	9-	3S-	7E	10' - 552'	BOG	10-23-79

BASE MAP PREPARED BY THE MISSOURI STATE
DEPARTMENT OF GEOLOGY AND
MINERAL RESOURCES DIVISION, REPRODUCED WITH PERMISSION OF THE
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SCALE



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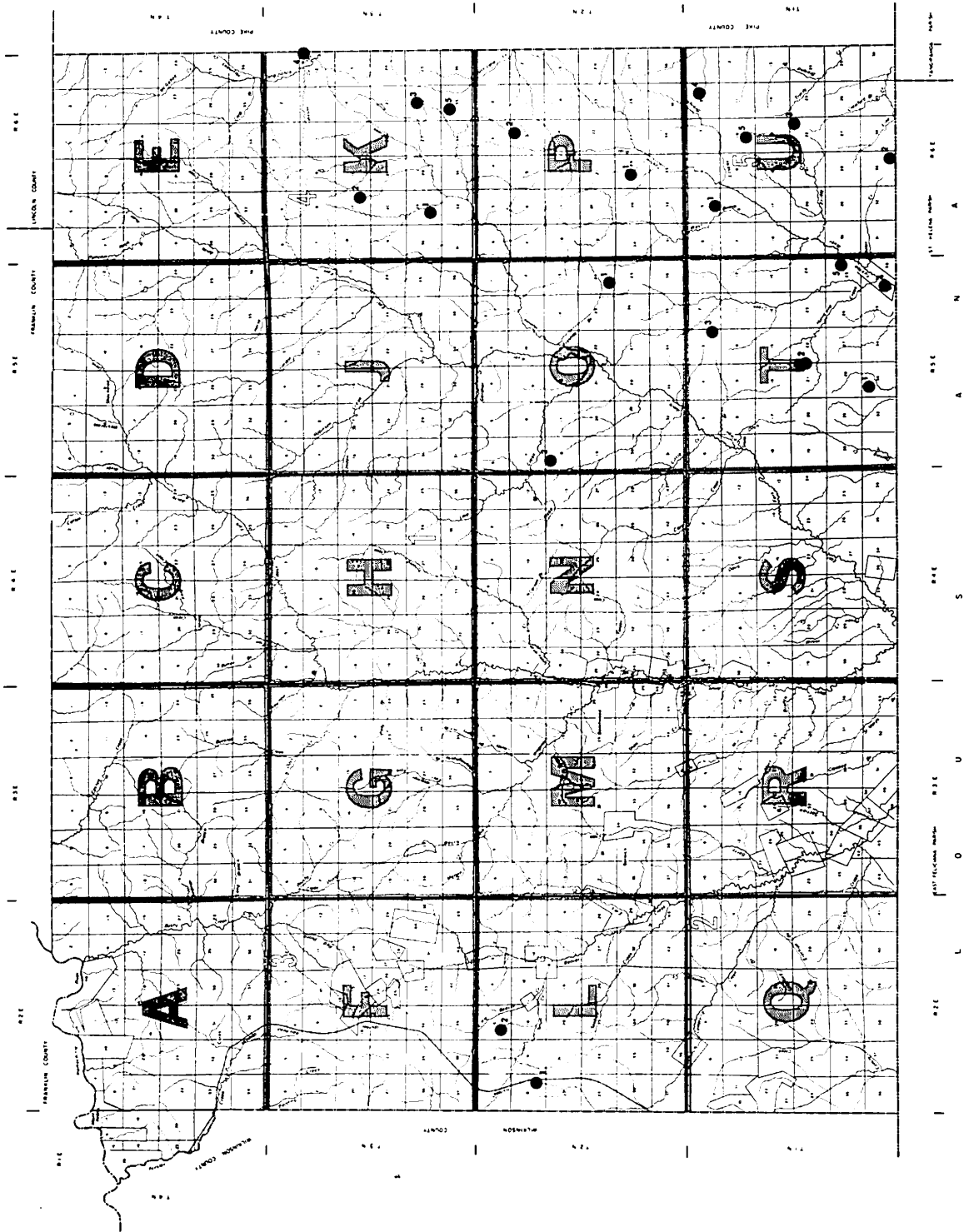


Figure 3.— Location of electrical logs in Amite County.

AMITE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
K1	Shell Oil Co. Line 1086	29-	3N- 6E	42' - 400'	BOG	04-13-84
K2	Shell Oil Co. Line 1086	17-	3N- 6E	42' - 390'	BOG	04-13-84
K3	Shell Oil Co. Line 1088	26-	3N- 6E	42' - 400'	BOG	04-16-84
K4	Shell Oil Co. Line 1088	12-	3N- 6E	42' - 397'	BOG	04-16-84
K5	Shell Oil Co. Line 1088	35-	3N- 6E	5' - 399'	BOG	04-26-84
L1	Wilk-Amite Water Association	8-	2N- 2E	10' - 995'	BOG	03-19-81
L2	Wilk-Amite Water Association	5-	2N- 2E	10' - 470'	BOG	05-07-81
O1	Shell Oil Co. Line 1086 Sta. 757	24-	2N- 5E	42' - 400'	BOG	04-12-84
O2	Shell Oil Co. Line 1086 Sta. 886	18-	2N- 5E	42' - 400'	BOG	04-12-84
P1	Shell Oil Co. Line 1088	28-	2N- 6E	42' - 400'	BOG	04-17-84
P2	Shell Oil Co. Line 1088	10-	2N- 6E	42' - 383'	BOG	04-17-84
T1	Shell Oil Co. Line 1086 Sta. 315	33-	1N- 5E	47' - 397'	BOG	04-11-84
T2	Shell Oil Co. Line 1086 Sta. 446	21-	1N- 5E	42' - 400'	BOG	04-11-84
T3	Shell Oil Co. Line 1086 Sta. 590	3-	1N- 5E	42' - 400'	BOG	04-12-84
T4	Shell Oil Co. Line 1088	37-	1N- 5E	42' - 400'	BOG	04-18-84
T5	Shell Oil Co. Line 1088	25-	1N- 5E	42' - 400'	BOG	04-18-84
U1	Shell Oil Co. Line 1088	5-	1N- 6E	42' - 400'	BOG	04-17-84
U2	Shell Oil Co. Line 1090	33-	1N- 6E	30' - 400'	BOG	04-23-84

AMITE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
U3	Shell Oil Co. Line 1090	22-	1N- 6E	3' - 400'	BOG	04-24-84
U4	Shell Oil Co. Line 1090	2-	1N- 6E	13' - 400'	BOG	04-24-84
U5	Shell Oil Co. Line 1086	10-	1N- 6E	3' - 399'	BOG	04-26-84

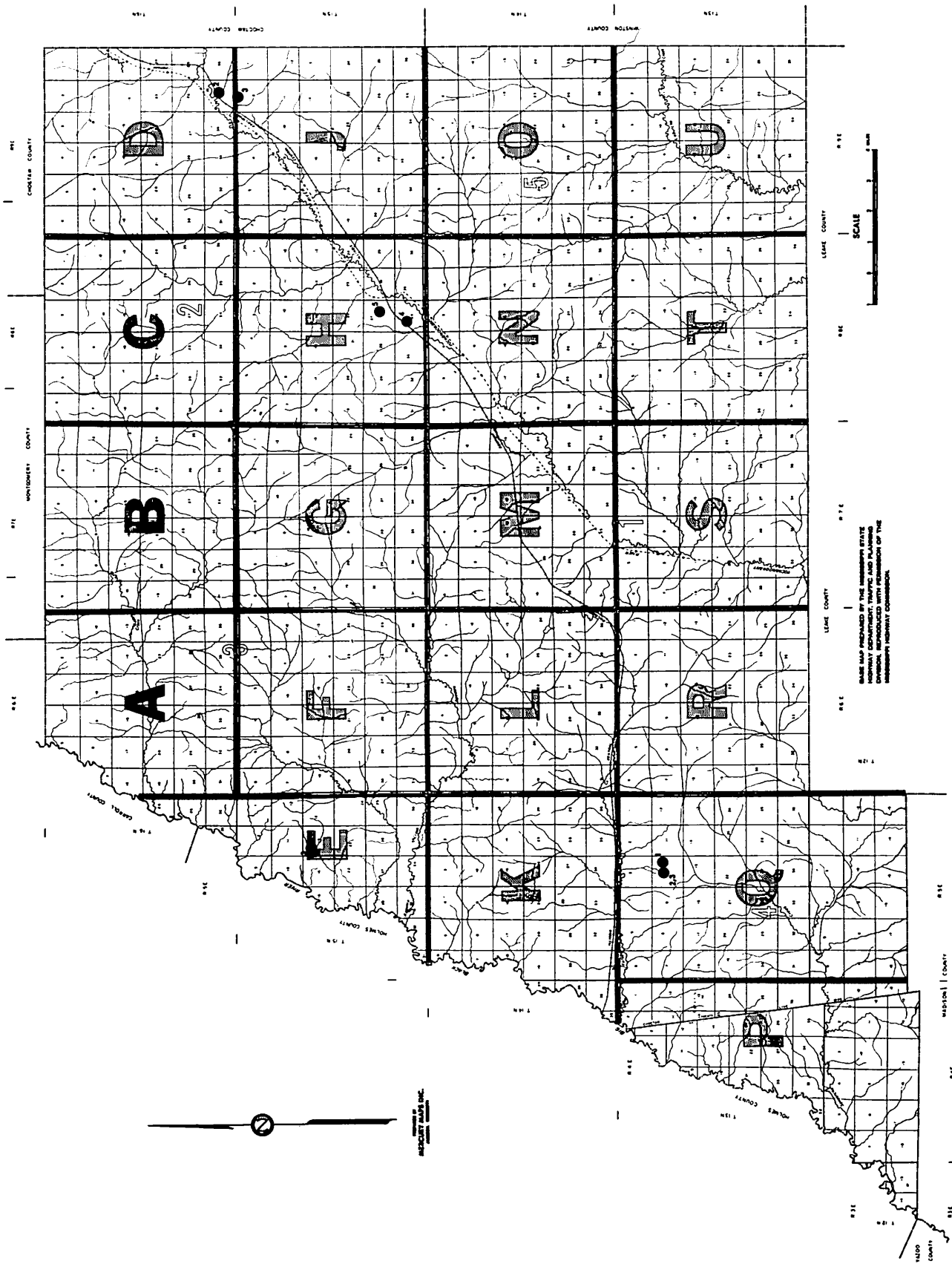
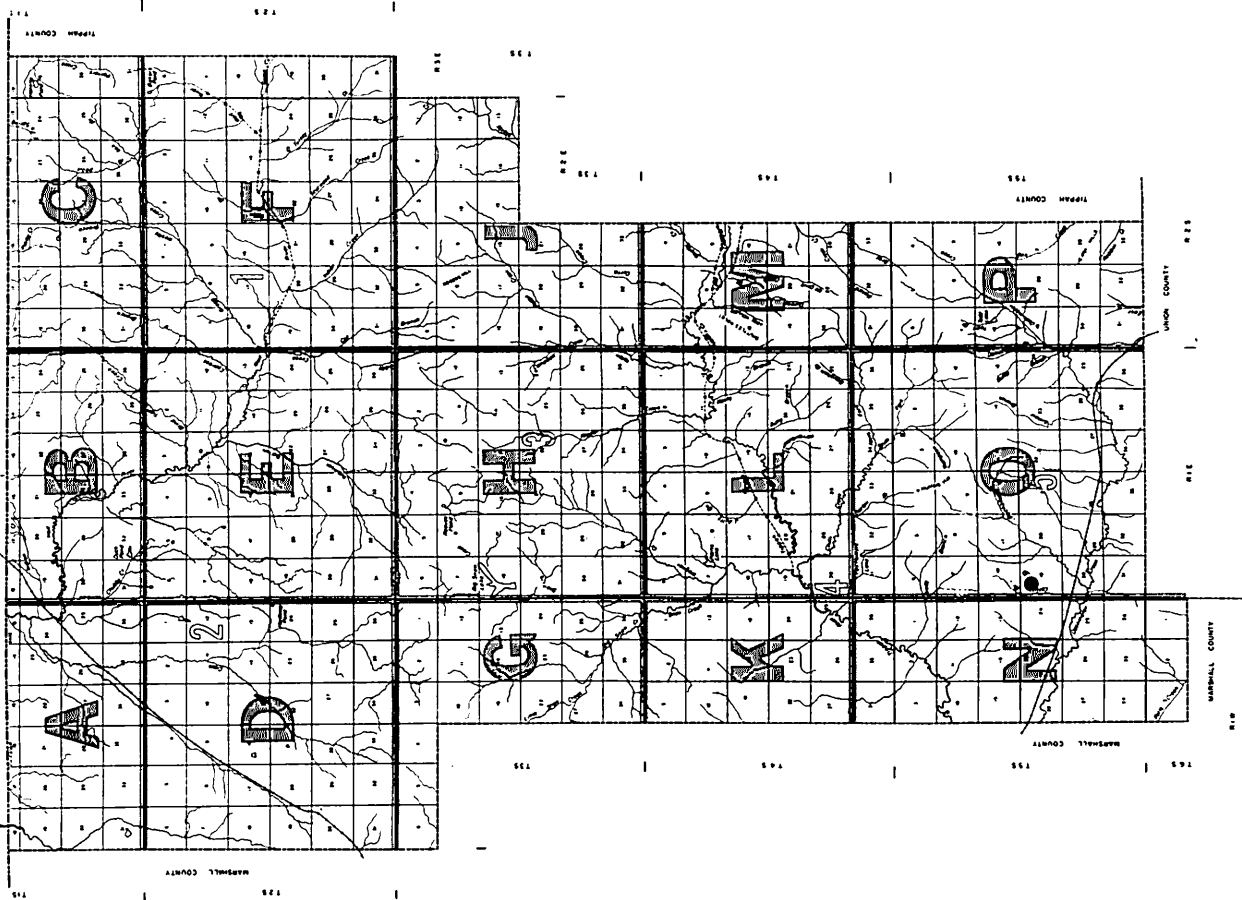


Figure 4.— Location of electrical logs in Attala County.

ATTALA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D2	Town of McCool	35-	16N- 9E	20'- 768'	BOG	09-23-83
E3	Monty Campbell	14-	15N- 5E	10'- 407'	BOG	08-09-82
H4	City of Ethel Well #3	34-	15N- 8E	10'- 225'	BOG	03-03-80
H5	Town of Ethel	27-	15N- 8E	42'-1074'	BOG	01-11-84
J3	Town of McCool	2-	15N- 9E	25'- 764'	BOG	10-03-83
Q1	Sallis Water Association T. H. #1 for Well #2	10-	13N- 5E	10'-1197'	BOG	11-13, 12-27-79
Q2	Sallis Water Association #2	10-	13N- 5E	500'-1100'	BOG	01-29-84
Q3	Sallis Water Association #3	10-	13N- 5E	32'-1014'	BOG	05-11-84



BASE MAP PREPARED BY THE MISSISSIPPI STATE
 GEOLOGICAL SURVEY, GEOLOGICAL DIVISION, INTRODUCED WITH PERMISSION OF THE
 MISSISSIPPI HIGHWAY COMMISSION.



SECURITY MAPS INC.
 MEMPHIS, TENNESSEE

Figure 5.— Location of electrical logs in Benton County.

BENTON

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
09	Henry Wilburn	19-	5S-	1E	10' - 240'	MGS	03-15-79

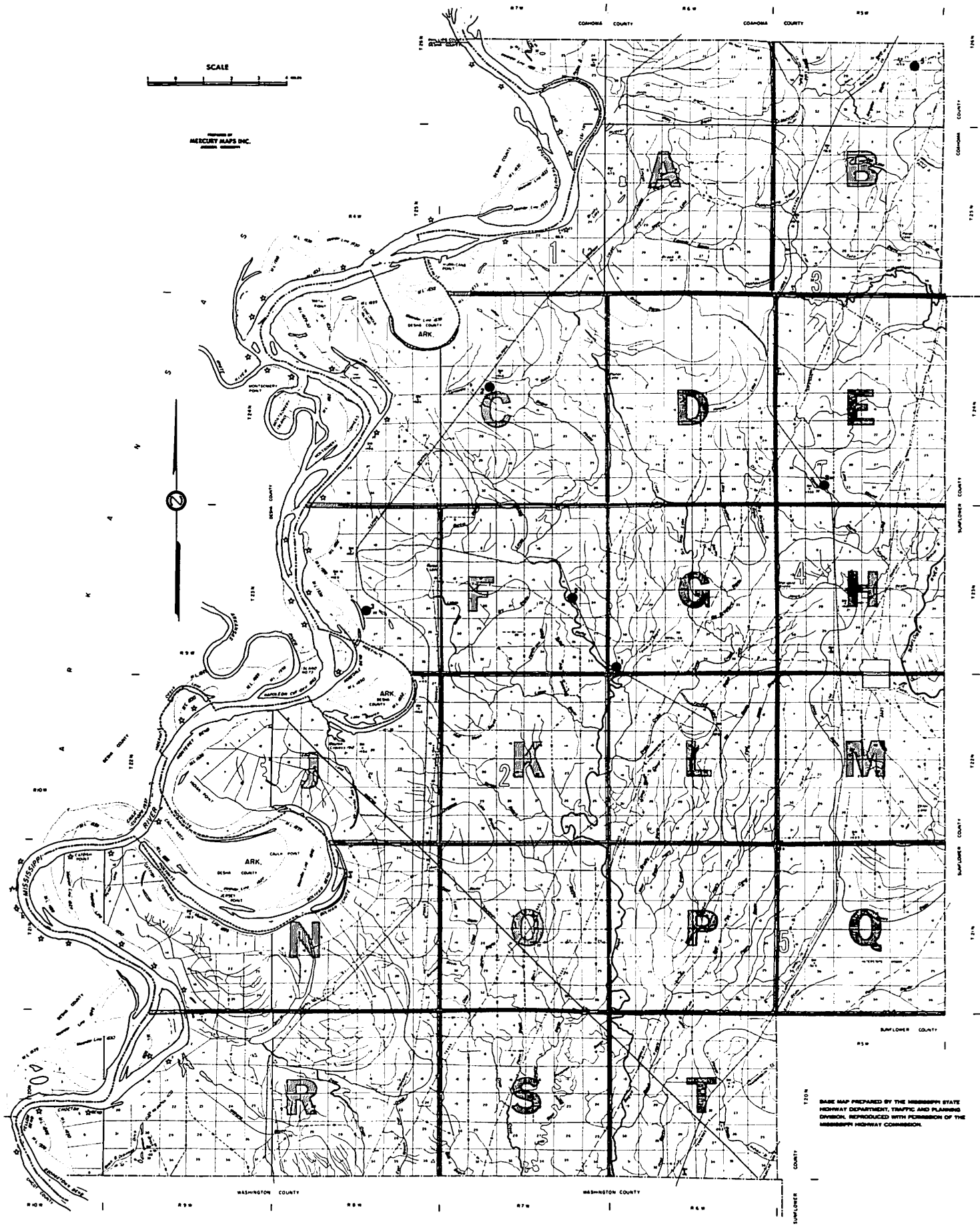


Figure 6.— Location of electrical logs in Bolivar County.

BOLIVAR

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B5	Pete Thompson	24-	26N- 5W	42' -1329'	BOG	08-31-84
C2	Town of Gunnison Well #2	8-	24N- 7W	10' - 518'	BOG	06-12-80
E2	Town of Mount Bayou #3	32-	24N- 5W	10' -1279'	MGS	12-01-69
F2	Symons Water Association Well #1	23-	23N- 7W	25' - 912'	MGS	07-03-79
F3	Bolivar County Port	22-	23N- 8W	44' - 526'	BOG	08-11-82
G1	Town of Pace	31-	23N- 6W	10' - 607'	BOG	02-13-81

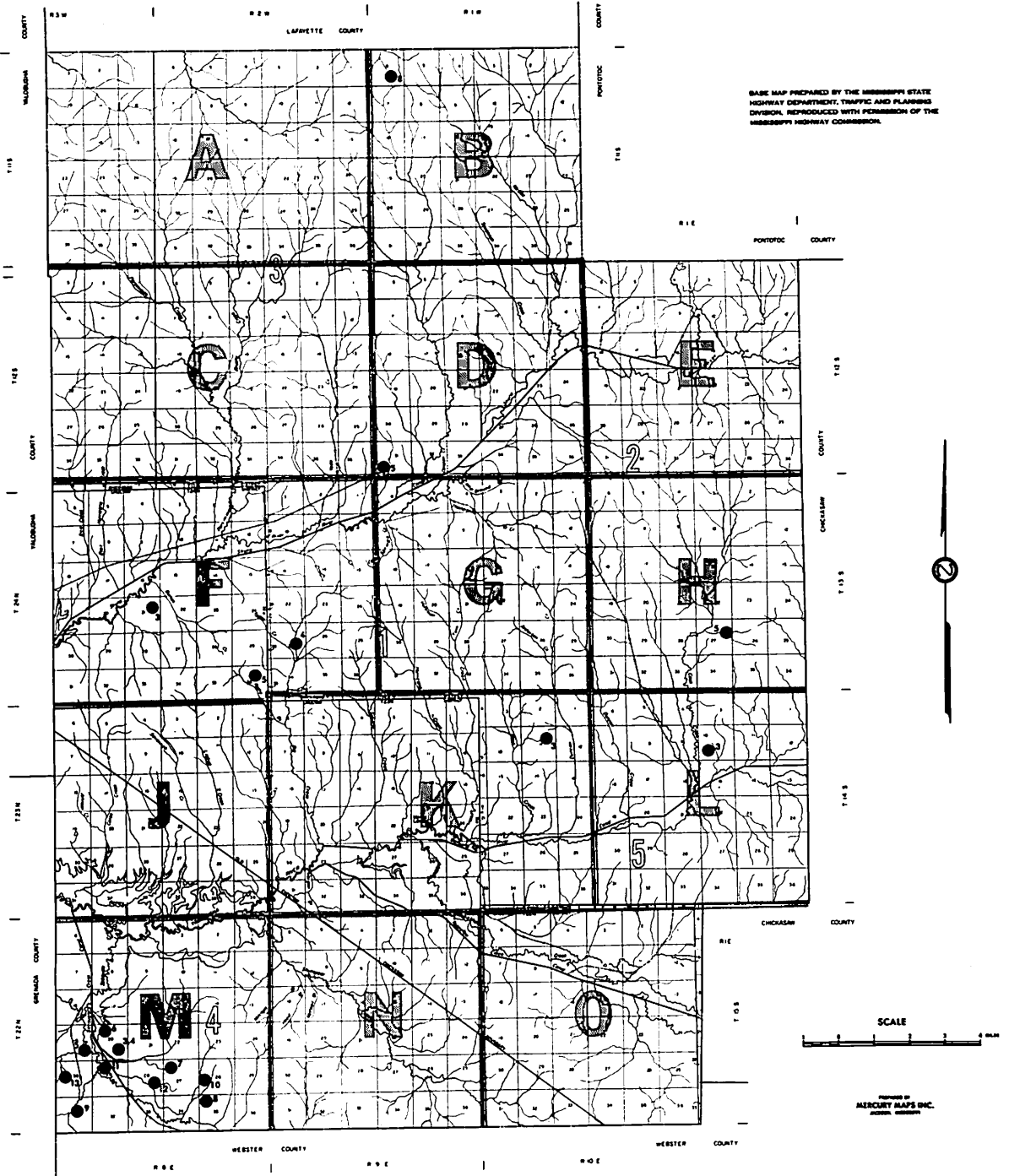


Figure 7.— Location of electrical logs in Calhoun County.

CALHOUN

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B8	Mt. Comfort Water Association	6-	11S- 1W	66'-1940'	BOG	09-10-81
D5	Weyerhaeuser Well #2	31-	12S- 1W	10'-1822'	BOG	08-15-80
F3	Walter Armstrong	21-	24N- 8E	10'- 284'	BOG	08-23-82
F4	Edwin Baker	27-	13S- 2W	42'- 242'	BOG	05-25-83
F5	Tommy Sledge	36-	24N- 8E	21'- 175'	BOG	08-09-84
H5	Poplar Springs Water Association	27-	13S- 1E	42'-1580'	BOG	12-19-83
K3	Duncan Hill Water Association #2	11-	14S- 1W	42'-1965'	BOG	10-02-84
L3	City of Vardaman	10-	14S- 1E	10'-1876'	BOG	12-18-81
M3	Carl Denton	20-	22N- 8E	10'- 273'	BOG	07-05-84
M4	Carl Denton #2	20-	22N- 8E	16'- 333'	BOG	07-18-84
M5	Carl Denton #3	19-	22N- 8E	16'- 354'	BOG	07-19-84
M6	Carl Denton #4	20-	22N- 8E	18'- 326'	BOG	07-23-84
M7	Carl Denton #5	27-	22N- 8E	15'- 300'	BOG	07-24-84
M8	Carl Denton #6	35-	22N- 8E	25'- 340'	BOG	07-26-84
M9	Carl Denton #8	31-	22N- 8E	10'- 466'	BOG	08-30-84
M10	Carl Denton #9	26-	22N- 8E	10'- 351'	BOG	09-05-84
M11	Carl Denton #10	29-	22N- 8E	10'- 220'	BOG	09-11-84

CALHOUN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
M12	Carl Denton #11	28--	22N- 8E	10'- 313'	BOG	09-12-84
M13	Carl Denton #12	30--	22N- 8E	15'- 355'	BOG	09-14-84

BASE MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION, REPRODUCED WITH PERMISSION OF THE MISSISSIPPI HIGHWAY COMMISSION.

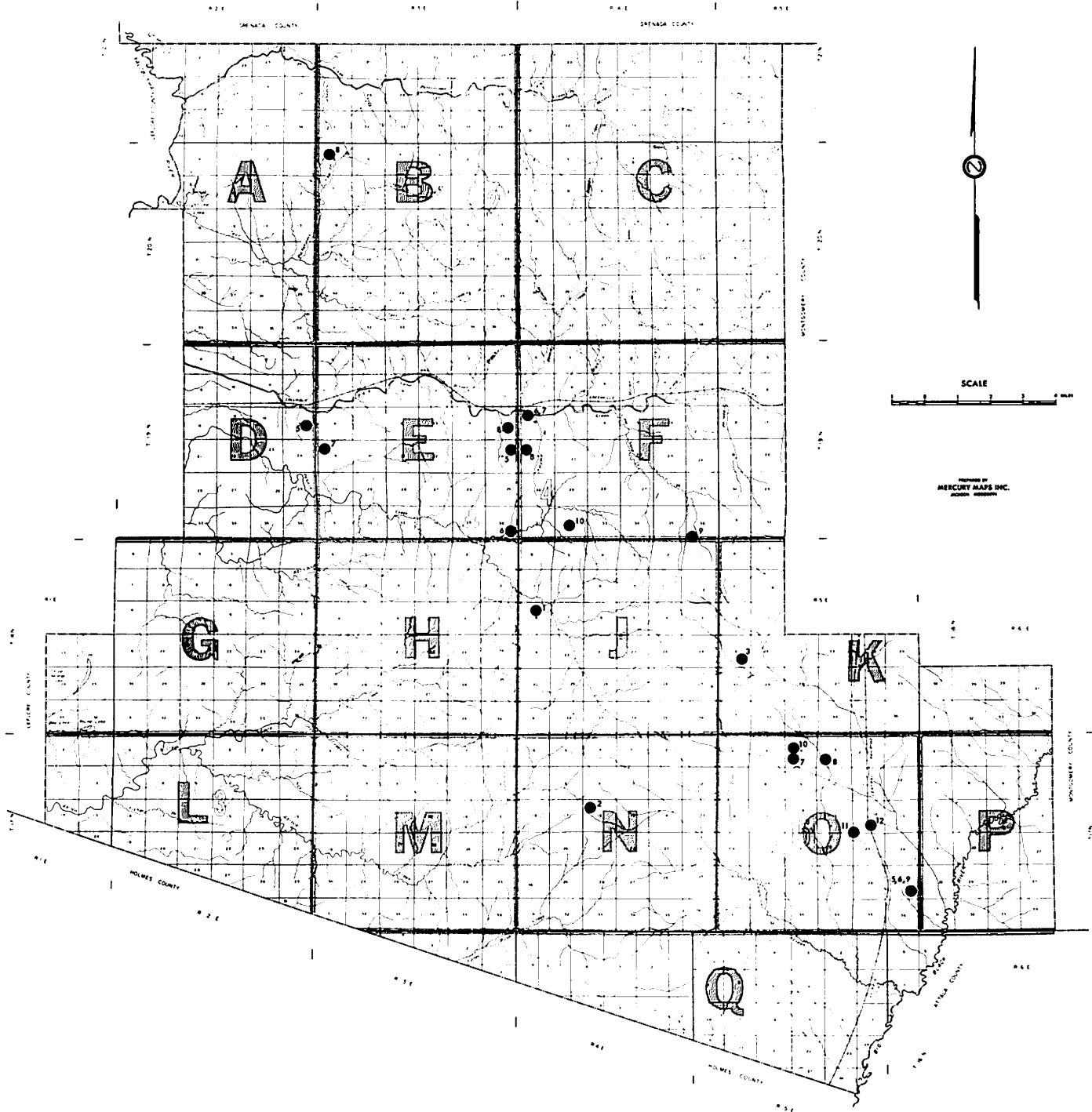


Figure 8.— Location of electrical logs in Carroll County.

CARROLL

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B8	W. E. Neilson (Gamma Log)	6-	20N- 3E	10'-1198'	B0G	02-22-83
D5	Ed Miles	13-	19N- 2E	2' - 346'	B0G	06-26-84
E5	Town of Carrollton T. H. #2 for Well #3	24-	19N- 3E	190'-1055'	MGS	03-20-79
E6	C. M. Bowman, Jr.	36-	19N- 3E	10' - 519'	MGS	03-19-79
E7	Jimmy Mims	19-	19N- 3E	50' - 687'	B0G	08-28-81
E8	Ed Miles	13-	19N- 3E	42' - 190'	B0G	03-27-84
F6	Town of Carrollton T. H. #1 for Well #3	18-	19N- 4E	242' - 948'	MGS	03-08-79
F7	Town of Carrollton T. H. #3 for Well #3	18-	19N- 4E	10' - 926'	MGS	04-23-79
F8	Frank Lishman	19-	19N- 4E	10' - 608'	B0G	10-08-82
F9	Eddie Hozse	36-	19N- 4E	12' - 229'	B0G	10-28-83
F10	Pelucia Water Association	32-	19N- 4E	10' - 821'	B0G	08-24-84
J1	Tom Sullivan	18-	18N- 4E	100' - 462'	B0G	09-29-83
K3	U. S. Cattle Corporation	19-	18N- 5E	20' - 504'	B0G	10-29-82
N2	Dixie Dairy Sales	16-	17N- 4E	10' - 587'	B0G	05-12-81
O5	U. S. Cattle Corporation	25-	17N- 5E	41' - 440'	B0G	10-24-81
O6	U. S. Cattle Corporation	25-	17N- 5E	41' - 380'	B0G	10-27-81
O7	U. S. Cattle Corporation	4-	17N- 5E	42' - 522'	B0G	10-27-82

CARROLL - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
08	U. S. Cattle Corporation	3-	17N- 5E	16' - 504'	B0G	11-02-82
09	U. S. Cattle Corporation	25-	17N- 5E	10' - 502'	B0G	11-04-82
010	U. S. Cattle Corporation	4-	17N- 5E	50' - 504'	B0G	02-03-83
011	Vaiden	14-	17N- 5E	54' - 677'	B0G	12-05-83
012	City of Vaiden	14-	17N- 5E	210' - 530'	B0G	06-27-84

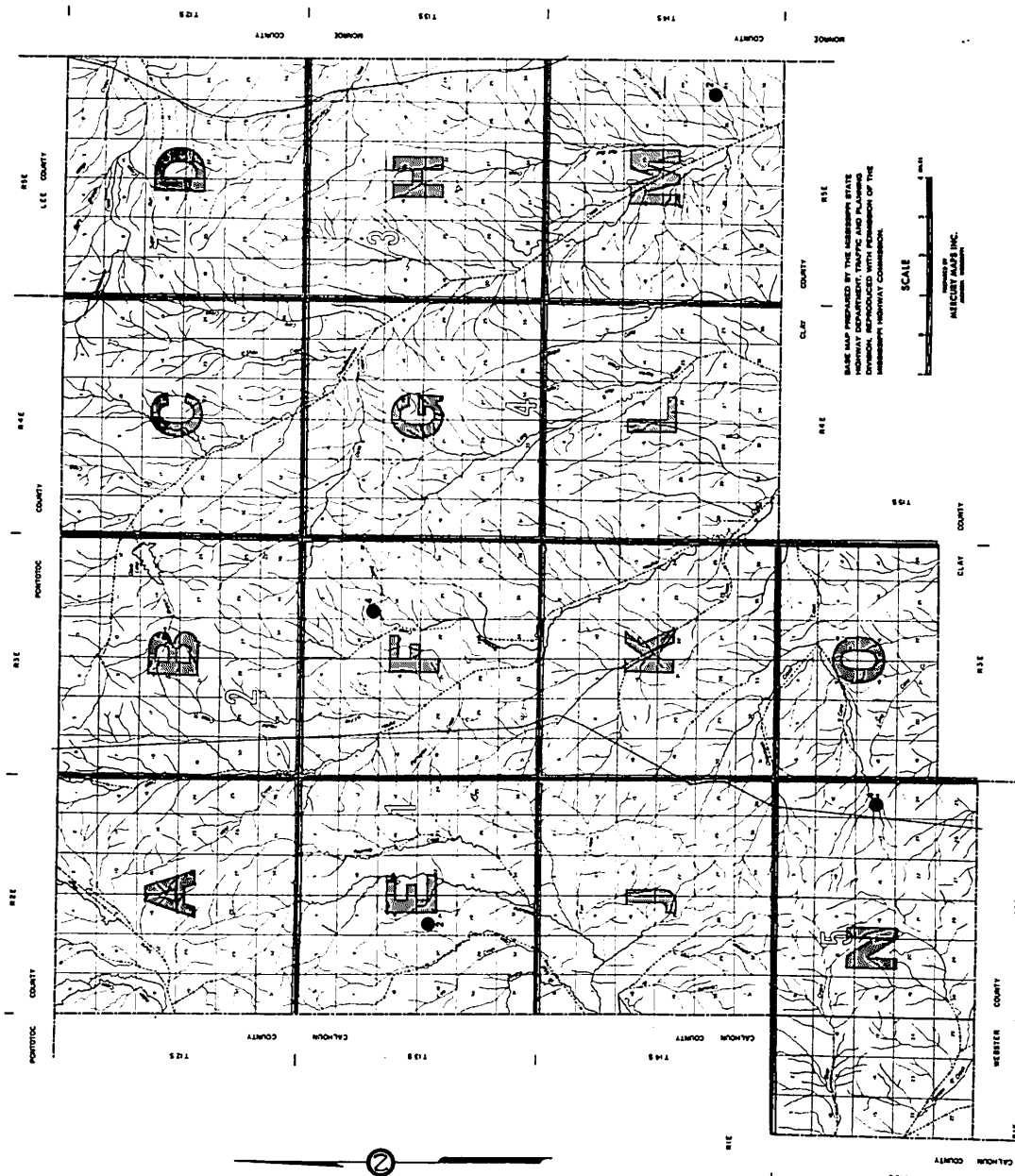


Figure 9.— Location of electrical logs in Chickasaw County.

CHICKASAW

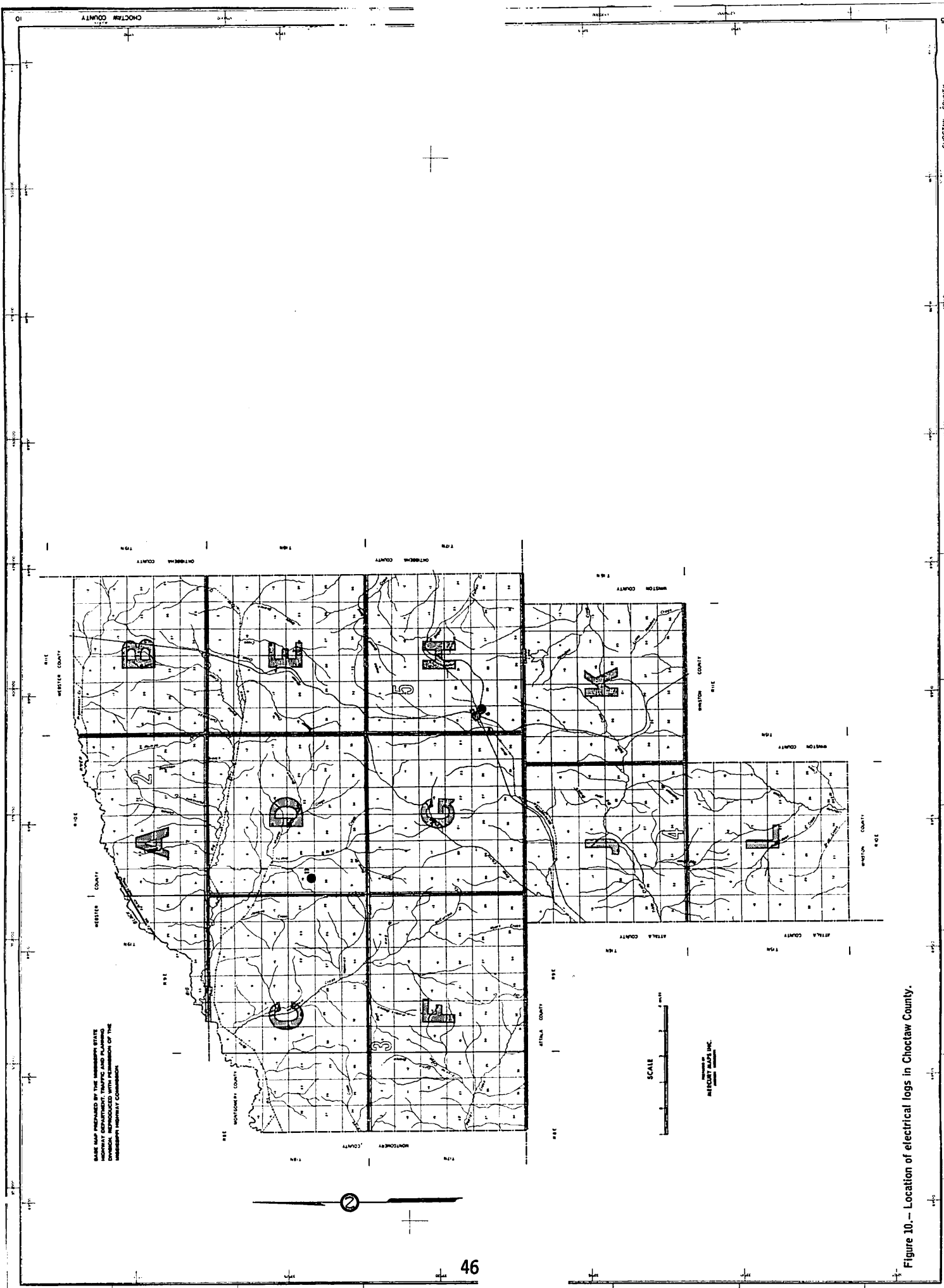
FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E2	Thorn Water Association	21-	13S- 2E	50'-1300'	B0G	10-22-81
F4	Houlka-Houston Water Association #3	11-	13S- 3E	10'-1146'	B0G	03-05-79
M2	Russet Kah1	25-	14S- 5E	58'- 706'	B0G	09-17-81
N4	Woodland Water Association	13-	15S- 2E	42'-1187'	B0G	07-31-84

BASE MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION, REPRODUCED WITH PERMISSION OF THE MISSISSIPPI HIGHWAY COMMISSION.

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MERCATOR MAPS, INC.
ANN ARBOR, MICHIGAN



Figure 10.— Location of electrical logs in Choctaw County.



CHOCTAW

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D11	Clear Springs Baptist Church	19-	18N- 10E	50' - 320'	B0G	07-10-83
H5	Town of Ackerman T. H. #1 for Well #5	30-	17N- 11E	0' - 100'	B0G	11-27-79
H6	Town of Ackerman Well #2	30-	17N- 11E	20' - 110'	B0G	02-06-80

BASE MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION. REPRODUCED WITH PERMISSION OF THE MISSISSIPPI HIGHWAY COMMISSION.

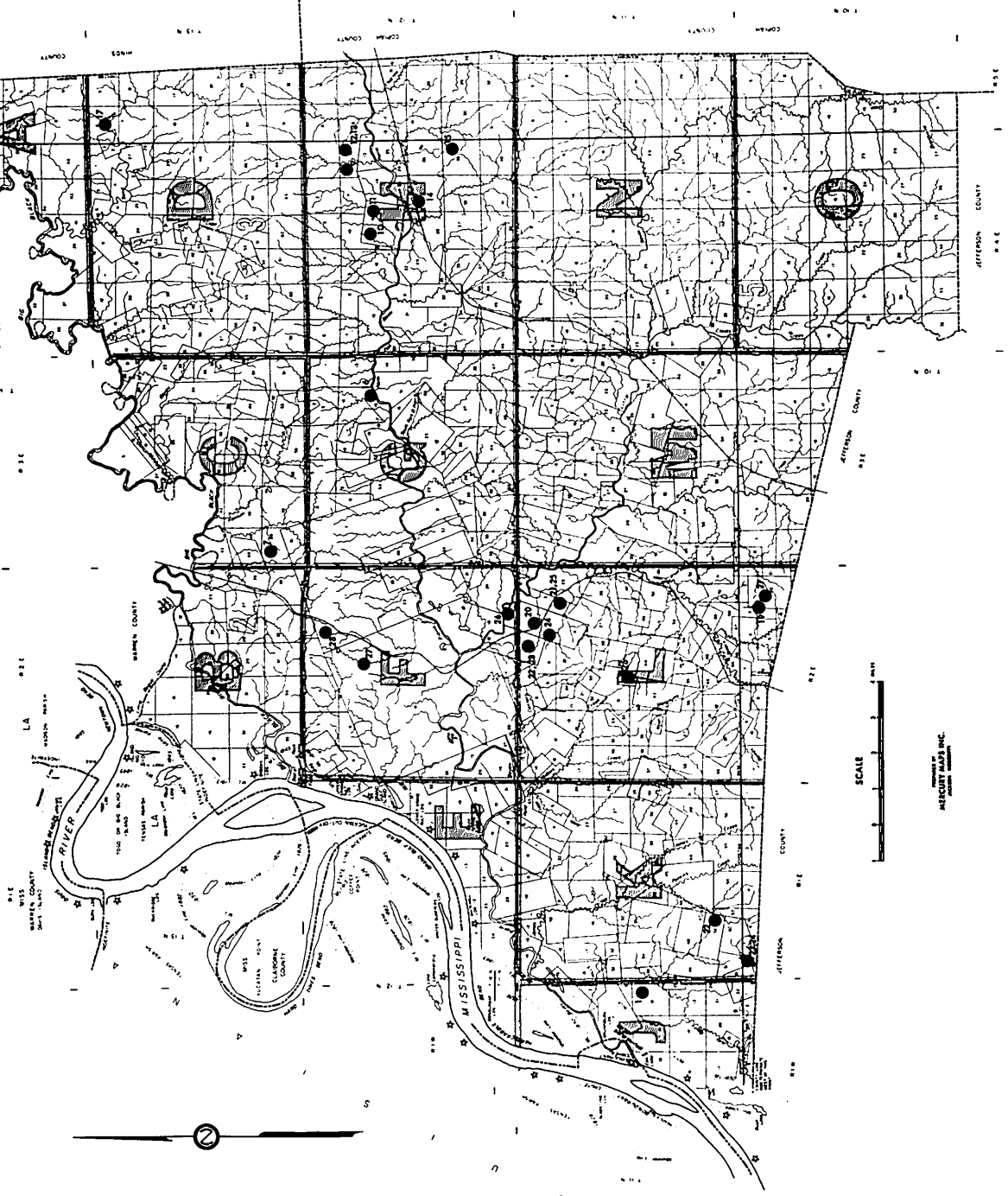


Figure 11. - Location of electrical logs in Claiborne County.

CLAIBORNE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C7	Sullivan Gravel Pit	60-	13N- 3E	42' - 615'	B0G	12-02-83
D17	City Services W. H. Clark A-1	6-	13N- 5E	10' -1250'	B0G	06-20-84
F26	Town of Port Gibson T. H. #1	19-	12N- 2E	10' - 219'	B0G	08-01-79
F27	Mississippi Power & Light Company	12-	12N- 2E	15' - 465'	B0G	05-12-81
F28	C. S. I. Water Association T. H. #1 for Well #2	1-	12N- 2E	50' - 518'	B0G	04-06-82
G16	Deer Camp	16-	12N- 3E	10' - 340'	B0G	08-29-84
H9	Reedtown Water Association T. H. #1 for Well #3	12-	12N- 4E	25' - 504'	B0G	11-14-79
H10	Reedtown Water Association T. H. #2 for Well #3	15-	12N- 4E	25' - 474'	B0G	12-05-79
H11	Reedtown Water Association T. H. #3 for Well #3	15-	12N- 4E	10' - 475'	B0G	12-12-79
H12	Reedtown Water Association T. H. #4 for Well #3	12-	12N- 4E	18' - 481'	B0G	01--10-80
H13	Reedtown Water Association T. H. #5 for Well #3	12-	12N- 4E	10' - 400'	B0G	05-22-80
H14	Reedtown Water Association T. H. #6 for Well #3	27-	12N- 4E	25' - 478'	B0G	07-07-80
H15	Jose Petton	39-	12N- 4E	0' - 254'	B0G	07-08, 07-13-81
J1	Samuel Grier	12-	11N- 1W	5' - 431'	B0G	08-29-80

CLAIBORNE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
K22	Shell Oil Company	52-	11N- 1E	10'- 562'	BOG	02-13-81
K23	U. S. Soil Conservation Service AMWI	8-	10N- 1E	0'- 57'	BOG	06-16-81
K24	U. S. Soil Conservation Service ATHI	8-	10N- 1E	0'- 66'	BOG	06-15-81
L19	Pattison Water Association	3-	10N- 2E	10'- 607'	MGS	05-10-79
L20	City of Port Gibson T. H. #2	4-	11N- 2E	10'- 221'	BOG	08-03-79
L21	City of Port Gibson T. H. #1	3-	11N- 2E	42'- 225'	BOG	06-14-83
L22	City of Port Gibson T. H. #2	5-	11N- 2E	42'- 222'	BOG	06-14-83
L23	City of Port Gibson T. H. #3	5-	11N- 2E	126'- 289'	BOG	06-15-83
L24	City of Port Gibson T. H. #4	4-	11N- 2E	42'- 283'	BOG	06-21-83
L25	City of Port Gibson T. H. #5	3-	11N- 2E	42'- 207'	BOG	06-21-83
L26	Dianne Stephens	43-	11N- 2E	10'- 287'	BOG	04-21-82
L27	Pattison Water Association	20-	10N- 2E	42'- 415'	BOG	01-24-84

MAP PREPARED BY THE MISSISSIPPI STATE
ENGINEERING BOARD, CIVIL ENGINEERING
DIVISION, REPRODUCED WITH PERMISSION OF THE
MISSISSIPPI HIGHWAY COMMISSION.

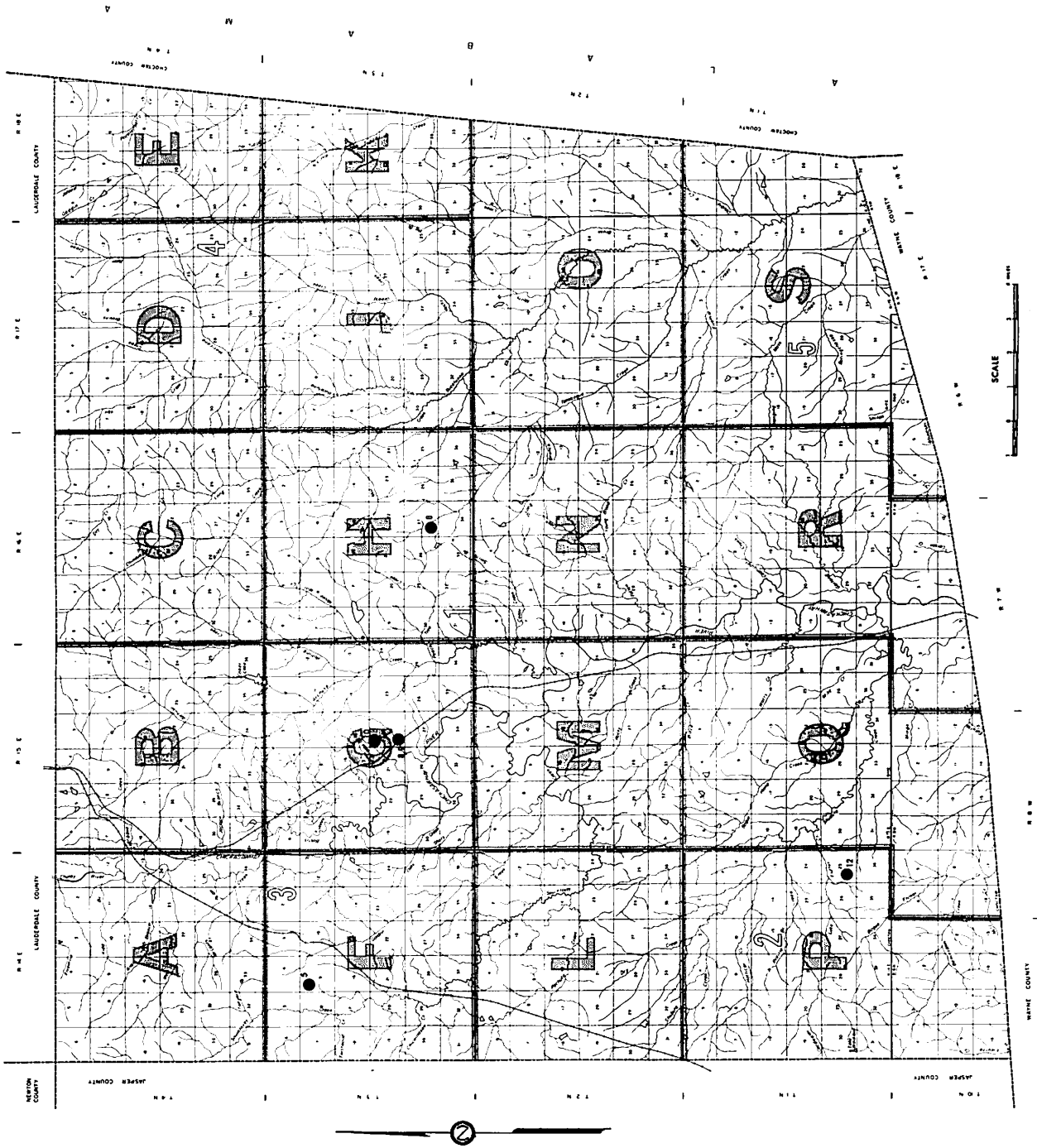


Figure 12.— Location of electrical logs in Clarke County.

CLARKE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
F5	Wautubbee Water Association	9-	3N- 14E	50'-1986'	B0G	02-21-80
G8	Quitman, Mississippi LF-12-A-1	22-	3N- 15E	5' - 149'	MGS	03-27-79
G9	Quitman, Mississippi LF-12-A-2	22-	3N- 15E	6' - 49'	MGS	03-27-79
G10	Quitman, Mississippi LF-12-A-3	22-	3N- 15E	6' - 149'	MGS	03-27-79
H8	Robert Dearman	27-	3N- 16E	289' - 562'	B0G	09-13-82
P12	Skelton Products, Incorporated	25-	1N- 14E	40' - 640'	B0G	10-12-81

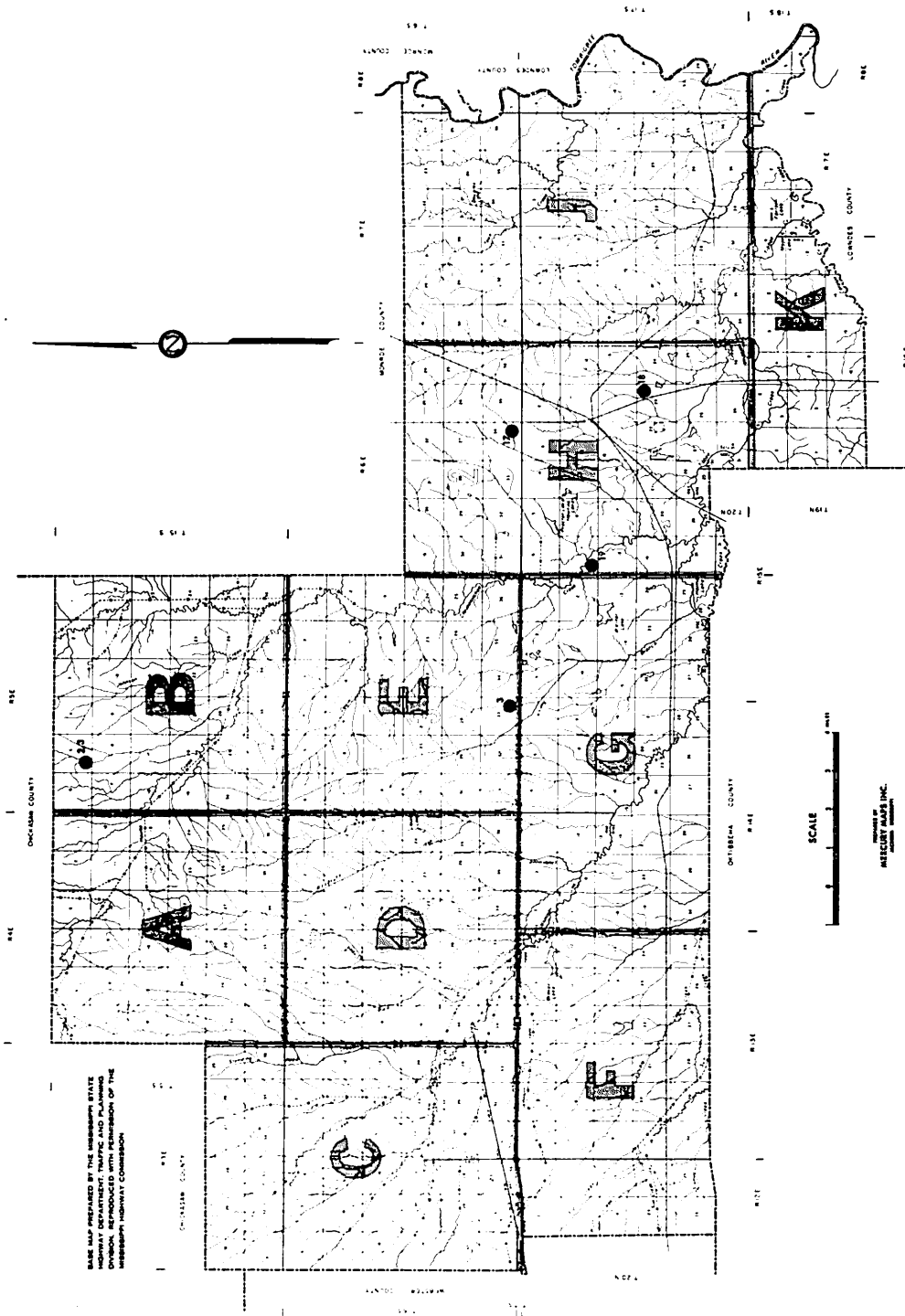


Figure 13.— Location of electrical logs in Clay County.

CLAY

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B2	Siloam Water Association	5-	15S-- 5E	50' - 760'	B0G	07-07-83
B3	Siloam Water Association (Gamma Log)	5-	15S-- 5E	10' - 752'	B0G	07-07-83
E3	Siloam Water District Corporation	33-	16S-- 5E	50' - 743'	B0G	03-12-82
H17	T. V. A.	34-	16S-- 6E	20' - 400'	B0G	04-29-82
H18	Bryan Brothers Packing Company	23-	17S-- 6E	210' - 660'	B0G	12-20-82
H19	Lone Oak Utility	7-	17S-- 6E	22' - 571'	B0G	09-23-80

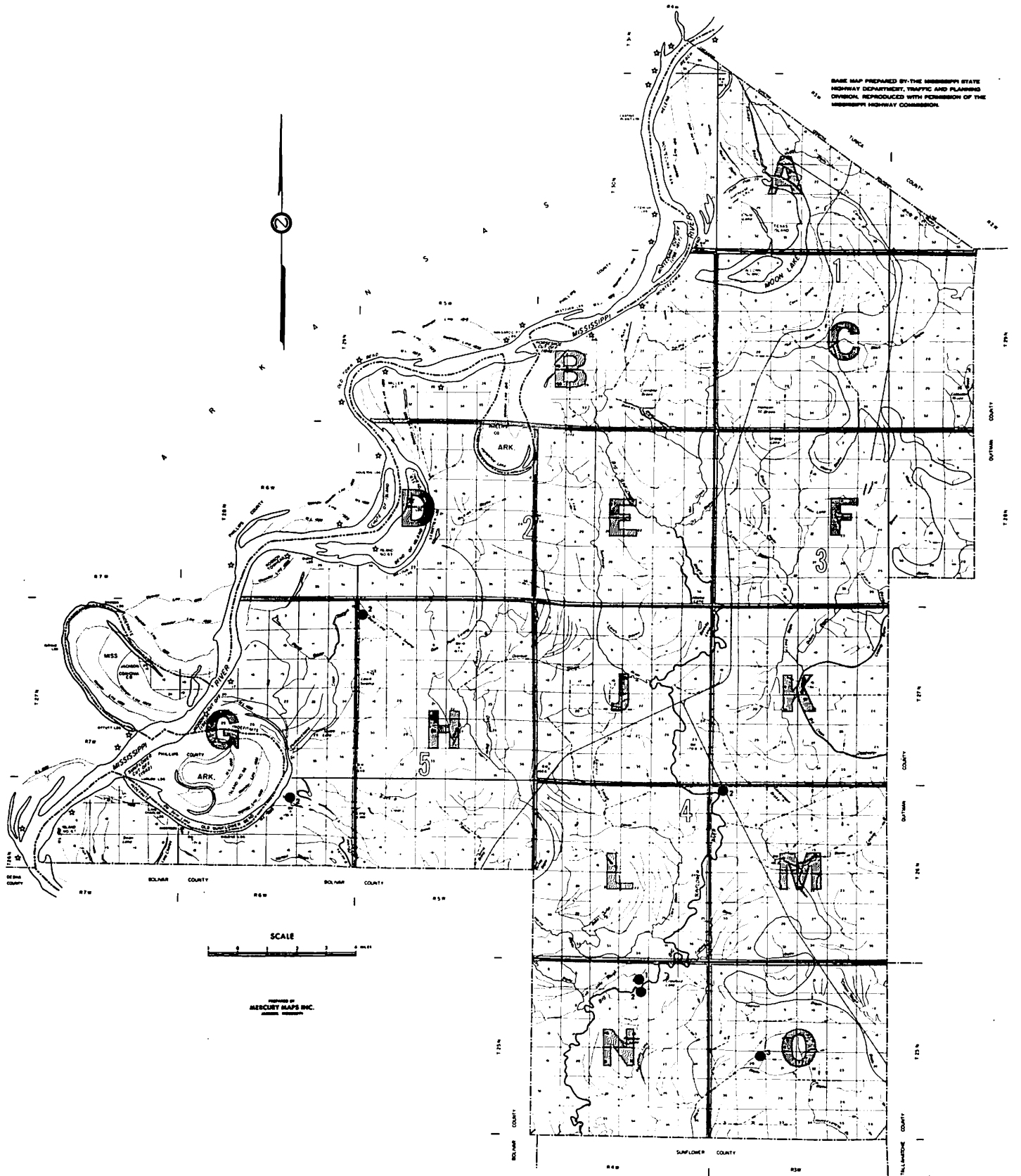
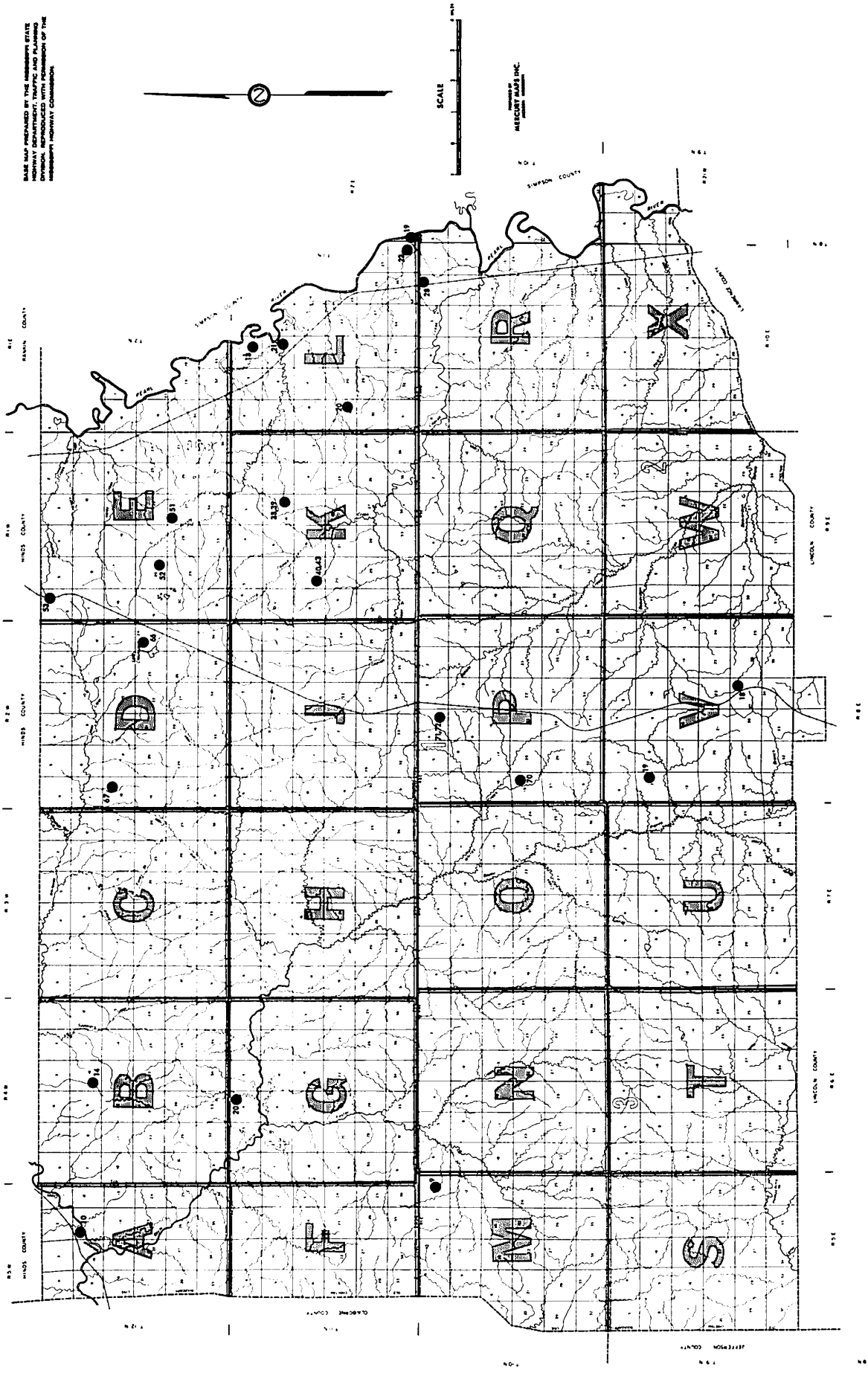


Figure 14.— Location of electrical logs in Coahoma County.

COAHOMA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
G2	DeSoto Water Association	3-	26N- 6W	20' - 495'	B0G	03-26-82
H2	Ward Lake Hunting Club	6-	27N- 5W	42' - 545'	B0G	12-15-83
M2	Werd Patton	6-	26N- 3W	60' -1210'	B0G	02-02-83
N1	Dulaney Farms Well #1	3-	25N- 4W	20' - 760'	B0G	02-11-80
N2	Dulaney Farms Well #2	10-	25N- 4W	10' - 710'	B0G	05-02-83
O3	Mr. Wiggers	20-	25N- 3W	10' - 653'	B0G	09-18-80



MAP PREPARED BY THE MISSISSIPPI STATE
 GEOLOGICAL SURVEY AND PLANNING
 DIVISION, REPRODUCED WITH THE
 ASSISTANCE OF THE
 MISSISSIPPI HIGHWAY COMMISSION.

MICROTAP INC.
 1000 N. GARDNER ST.
 JACKSON, MISSISSIPPI

Figure 15.— Location of electrical logs in Copiah County.

COPIAH

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A10	American Quasar Petroleum WSW #1	11-	12N- 5W	45'- 280'	B0G	09-18-81
B14	Floyd Sulser	10-	2N- 4W	20'- 300'	B0G	05-05-81
D66	Carrie Hicks	24-	2N- 2W	10'- 199'	B0G	09-17, 12-11-79
D67	A. P. Dillon	18-	2N- 2W	17'- 221'	B0G	10-09-81
E51	Kings Sand & Gravel Company	27-	2N- 1W	26'- 313'	B0G	06-07-82
E52	H. A. Courtney	20-	2N- 1W	10'- 410'	B0G	03-05-82
E53	Ida Mae France	6-	2N- 1W	20'- 340'	B0G	11-04-82
G20	Hoodtown Hunting Club	4-	1N- 4W	10'- 156'	B0G	11-14-80
K38	Green Brothers Gravel Company	10-	1N- 1W	10'- 194'	MGS	06-08-79
K39	Green Brothers Gravel Company	10-	1N- 1W	31'- 200'	B0G	08-15-79
K40	Blain Sand & Gravel Company	17-	1N- 1W	10'- 165'	B0G	02-25-81
K41	Blain Sand & Gravel Company	17-	1N- 1W	10'- 194'	B0G	03-05-81
K42	Blain Sand & Gravel Company	17-	1N- 1W	10'- 286'	B0G	03-09-81
K43	Blain Sand & Gravel Company	17-	1N- 1W	5'- 205'	B0G	03-27-81
L18	Dallas Seals	4-	1N- 1E	10'- 140'	B0G	09-19-79
L19	Bill Hawthorn	31-	1N- 2E	14'- 199'	B0G	05-06-80
L20	D & B Gravel Company	19-	1N- 1E	10'- 462'	B0G	02-17-82
L21	Hollie Sojourner	9-	1N- 1E	45'- 330'	B0G	08-25-82

COPIAH - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
L22	Koppers Sawmill	36-	1N- 1E	70' - 425'	B0G	10-28-83
M-9	Lyles Vardaman	1-	10N- 5E	42' - 181'	B0G	08-30-83
P70	B. J. Whittington	19-	10N- 8E	10' - 325'	B0G	03-19, 03-20-80
P71	P. W. Reed	4-	10N- 8E	10' - 163'	B0G	03-06-81
P72	P. W. Reed	4-	10N- 8E	10' - 197'	B0G	03-11-81
R28	Georgetown	2-	10N- 10E	10' - 789'	B0G	11-10-80
V18	Town of Beauregard T. H. #1	27-	9N- 8E	20' - 474'	B0G	10-27-80
V19	Miss. Highway Department Roadside Park	7-	9N- 8E	40' - 507'	B0G	07-11-83

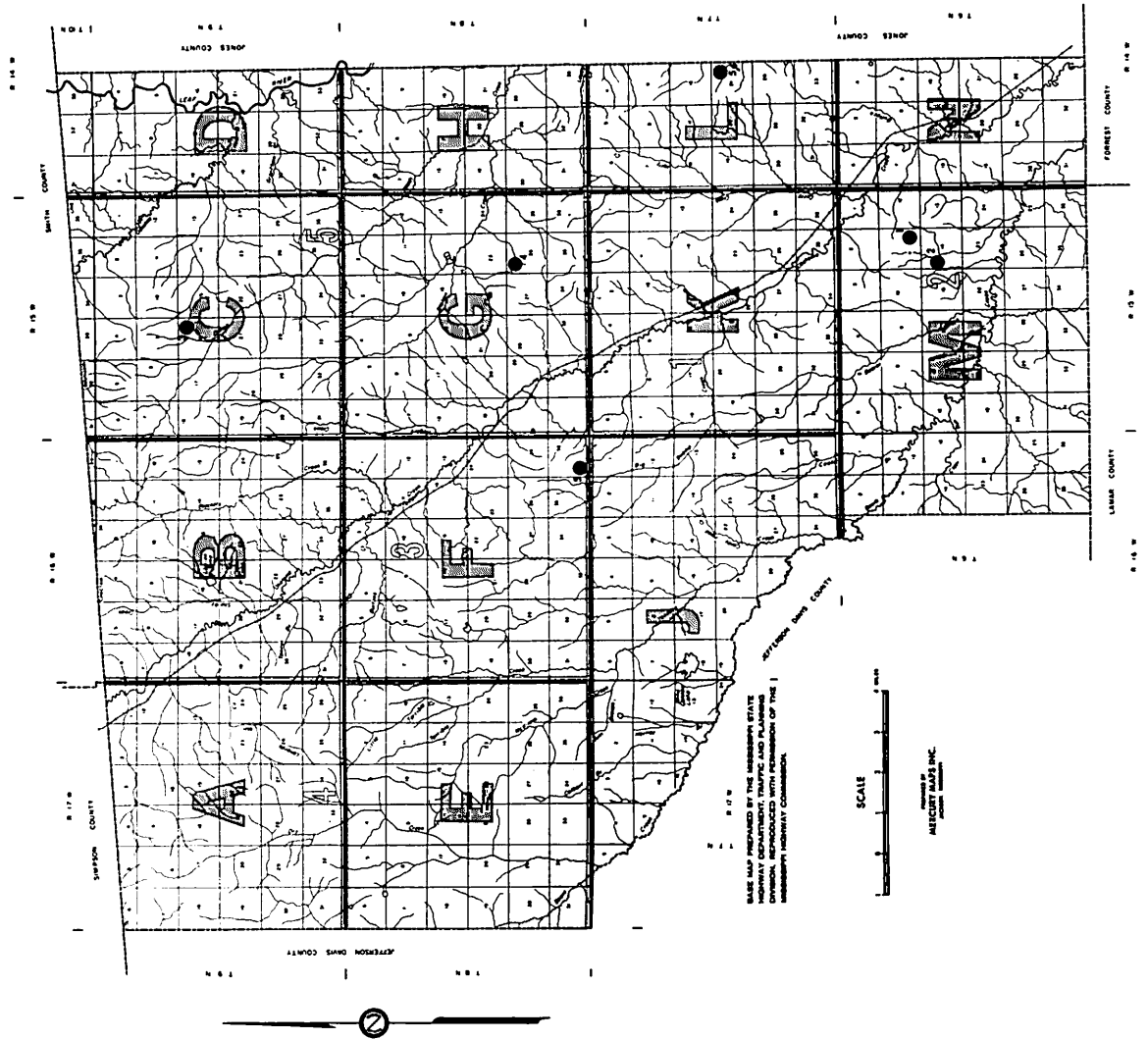


Figure 16.-- Location of electrical logs in Covington County.

COVINGTON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C3	Mississippi Forestry Commission	16-	9N- 15W	40' - 234'	B0G	02-23-82
F5	Cold Springs Water Association	36-	8N- 16W	50' - 852'	B0G	08-30-82
G4	Willow Grove Water Association Well #2	26-	8N- 15W	10' -1010'	B0G	07-23-80
L5	Southwest Jones Water Association	21-	7N- 14W	828' - 874'	B0G	10-21-81
L6	Southwest Jones Water Association (Gamma Log)	21-	7N- 14W	10' - 890'	B0G	01-20-82
L6	Southwest Jones Water Association	21-	7N- 14W	10' - 903'	B0G	02-04-82
L6	Southwest Jones Water Association	21-	7N- 14W	873' - 903'	B0G	09-27-82
L6	Southwest Jones Water Association (Gamma Log)	21-	7N- 14W	10' - 867'	B0G	09-24-82
L6	Southwest Jones Water Association	21-	7N- 14W	850' -1018'	B0G	10-05-82
M1	Hershel Hicks	11-	6N- 15W	15' - 115'	B0G	03-22-82
M2	Bryant Nursery	14-	6N- 15W	97' - 523'	B0G	05-11-83

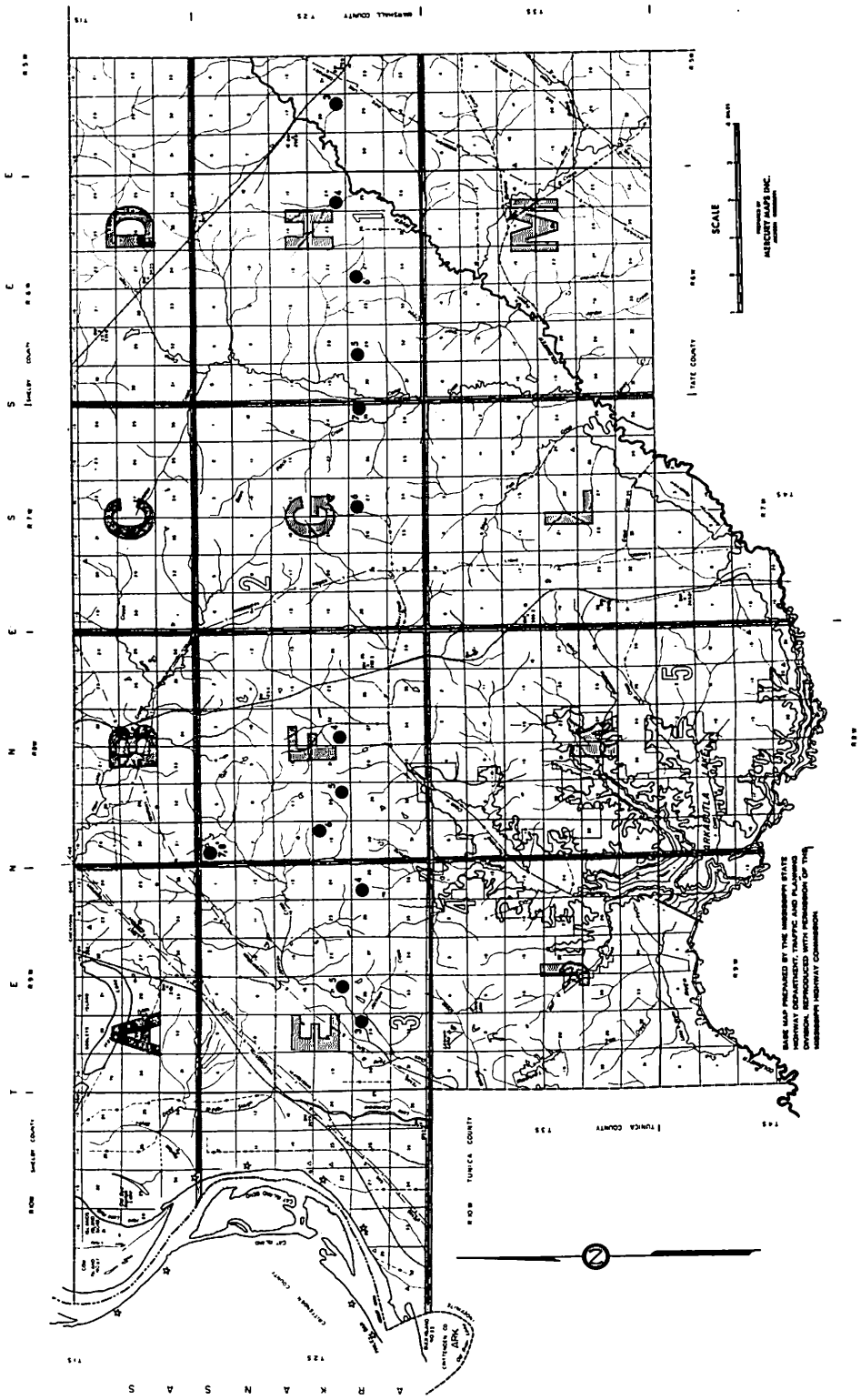


Figure 17.- Location of electrical logs in DeSoto County.

DESOTO

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E3	Bureau of Geology EG3-6	29-	2S- 9W	0' - 168'	B0G	04-14-80
E4	Bureau of Geology EG3-8	25-	2S- 9W	0' - 339'	B0G	04-16-80
E5	Bureau of Geology EG3-9	21-	2S- 9W	0' - 238'	B0G	04-17-80
F4	Bureau of Geology EG3-7	22-	2S- 8W	0' - 308'	B0G	04-15-80
F5	Bureau of Geology EG3-12	20-	2S- 8W	0' - 348'	B0G	04-23-80
F6	Days Water Association	19-	2S- 8W	0' - 500'	B0G	09-02-80
F7	DeSoto Utilities	6-	2S- 8W	44' - 254'	B0G	08-20-82
F8	DeSoto Utilities #5	6-	2S- 8W	10' - 558'	B0G	09-11-82
G6	Bureau of Geology EG3-10	27-	2S- 7W	0' - 299'	B0G	04-21-80
G7	Bureau of Geology EG3-14	25-	2S- 7W	0' - 310'	B0G	06-10-80
H3	Bureau of Geology EG3-11	20-	2S- 5W	0' - 268'	B0G	04-22-80
H4	Bureau of Geology EG3-13	24-	2S- 6W	0' - 148'	B0G	04-24-80
H5	Bureau of Geology EG3-15	29-	2S- 6W	0' - 319'	B0G	06-11-80
H6	Bureau of Geology EG3-16	27-	2S- 6W	0' - 69'	B0G	06-12-80

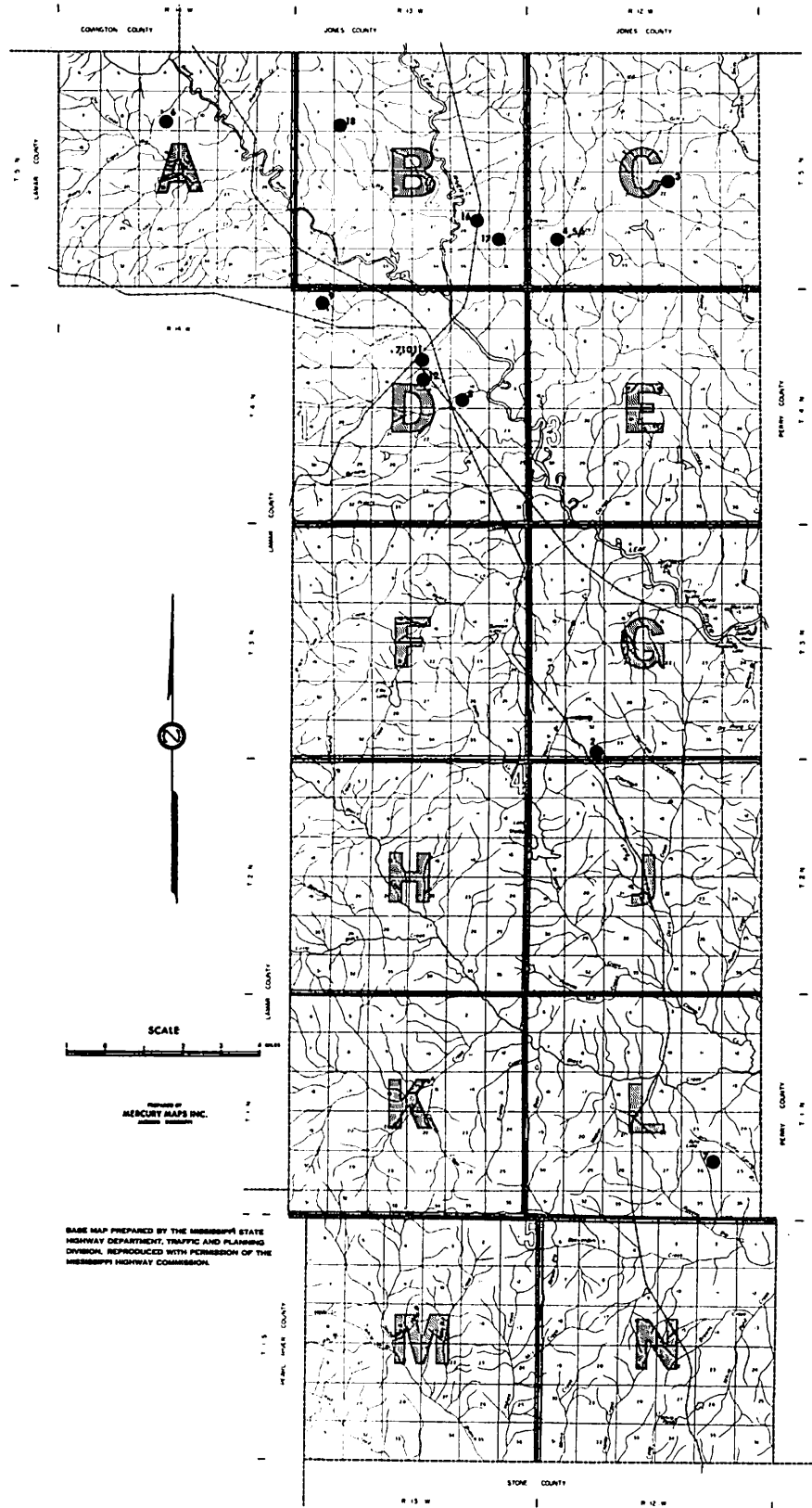


Figure 18.— Location of electrical logs in Forrest County.

FORREST

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A6	Rawls Springs Water Association #3	9-	5N- 14W	60' - 990'	B0G	02-02-82
B16	Union Texas-Allied Chemical Storage Plant	26-	5N- 13W	10' - 312'	B0G	04-08-80
B17	Warren Petroleum	25-	5N- 13W	42' - 408'	B0G	10-07-82
B18	Glendale #3	8-	5N- 13W	42' - 980'	B0G	07-27-84
C3	Barrontown Utility Association Well #3	22-	5N- 12W	30' - 922'	MGS	05-04-79
C4	City of Petal Water Test Well	30-	5N- 12W	10' - 1052'	B0G	02-03-81
C5	City of Petal	30-	5N- 12W	10' - 734'	B0G	06-12-81
C6	City of Petal	30-	5N- 12W	10' - 748'	B0G	07-13-81
D7	Mississippi Power Company Well #1	10-	4N- 13W	10' - 713'	B0G	09-07-79
D8	Marshall Durbin Farms	14-	4N- 13W	10' - 780'	B0G	09-02-80
D9	Mississippi Tank Company	6-	4N- 13W	10' - 674'	B0G	12-03-80
D10	Mississippi Power Company	10-	4N- 13W	10' - 120'	B0G	07-07-81
D11	Mississippi Power Company Existing Well (Gamma Log)	10-	4N- 13W	10' - 657'	B0G	08-19-81
D12	City of Hattiesburg Civil Defense	15-	4N- 13W	10' - 709'	B0G	04-11-83
G2	City of McLaurin	32-	3N- 12W	10' - 303'	MGS	06-08-79
L7	U. S. Forest Service-Ashe Nursery Well #2	26-	1N- 12W	40' - 782'	B0G	11-19-80

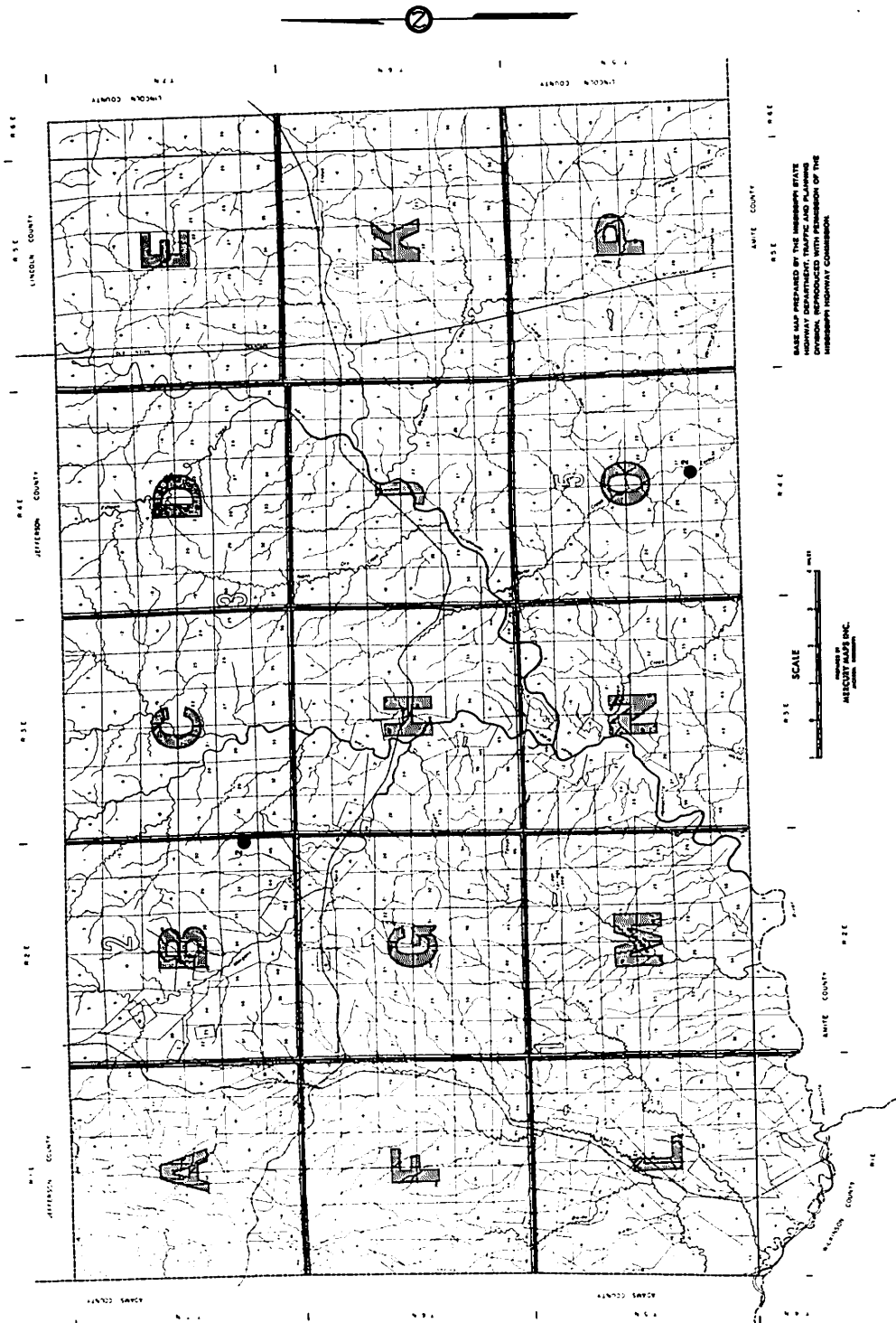


Figure 19.— Location of electrical logs in Franklin County.

FRANKLIN

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B2	Franklin Co. Water Association (Oidenburg Test Well)	31-	7N- 2E	42' - 488'	B0G	12-13-84
02	Sixtown Water Association	27-	5N- 4E	10' - 305'	MGS	02-16-79

BASE MAP PREPARED BY THE MISSISSIPPI STATE
HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING
DIVISION. REPRODUCED WITH PERMISSION OF THE
MISSISSIPPI HIGHWAY COMMISSION.

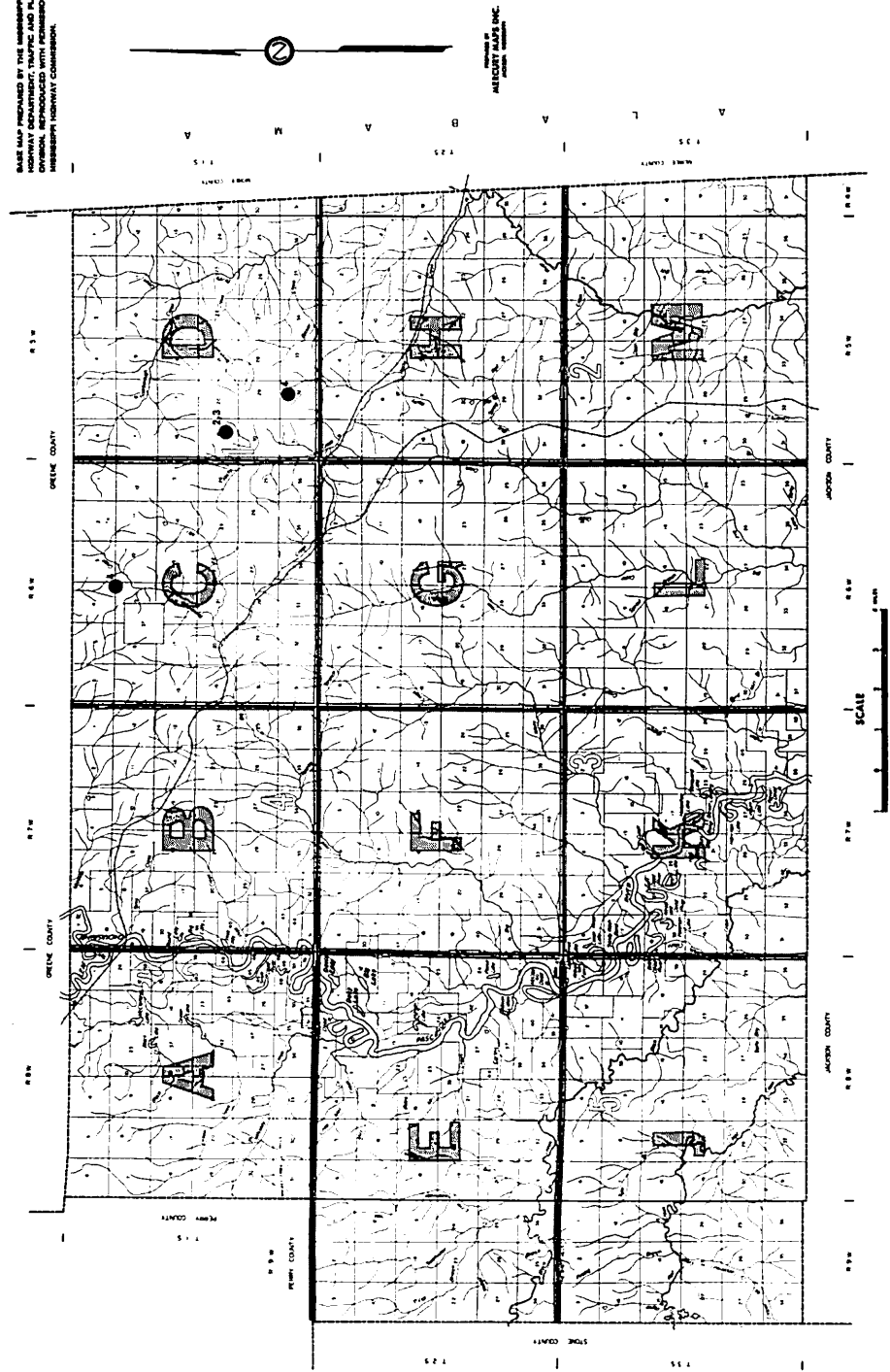


Figure 20.— Location of electrical logs in George County.

GEORGE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C4	Mississippi Sheriffs Girl's Ranch	4-	1S- 6W	42' - 589'	BOG	09-10-84
D2	Rocky Creek Water Association #3	19-	1S- 5W	60' -1414'	BOG	11-16-82
D3	Rocky Creek Water Association #4	19-	1S- 5W	120' -1494'	BOG	12-22-82
D4	Rocky Creek #5	32-	1S- 5W	40' -1400'	BOG	01-20-84

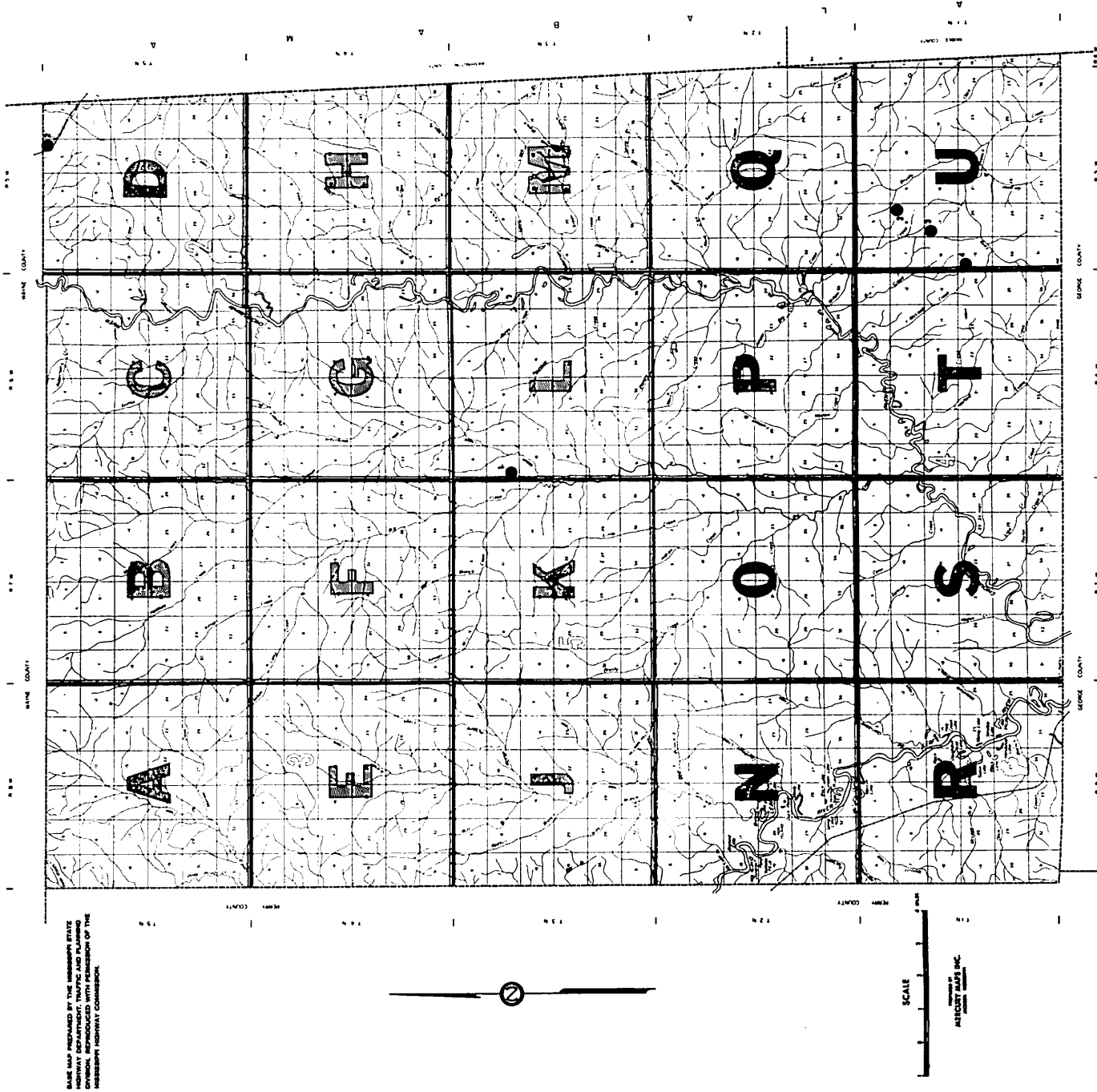


Figure 21.- Location of electrical logs in Greene County.

GREENE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D2	Town of State Line	3-	5N- 5W	50'-1008'	BOG	08-01-83
L1	Beat 3 Greene County Water Association #1	7-	3N- 6W	18'- 360'	MGS	01-16-79
U2	Southeast Greene County Water Association T. H. #1	8-	1N- 5W	25'-1106'	MGS	06-28-79
U3	Southeast Greene County Water Association #2	17-	1N- 5W	10'-1091'	BOG	08-07-79
U4	Southeast Greene County Water Association Well #1	19-	1N- 5W	25'-1114'	BOG	10-05-79

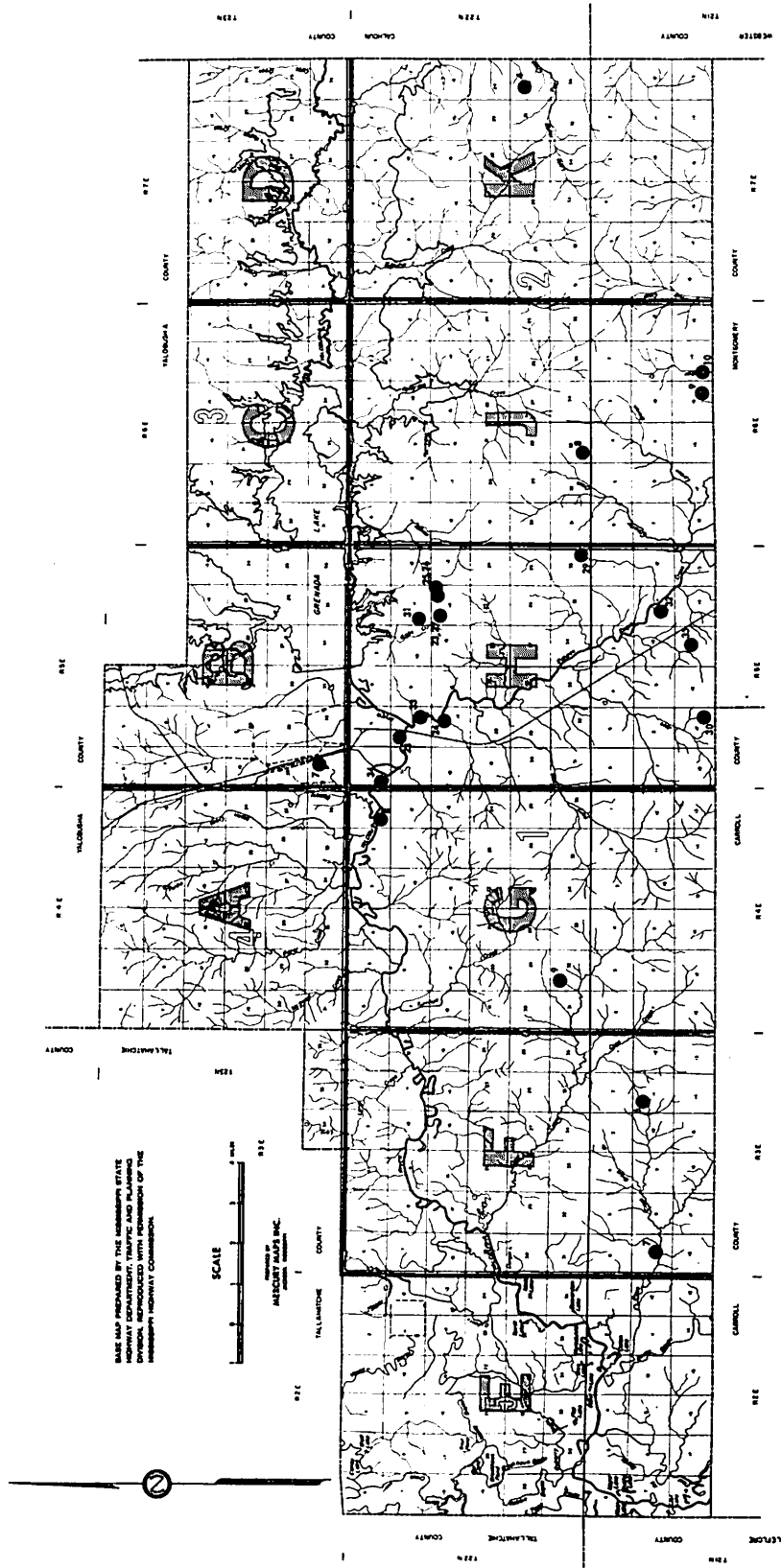


Figure 22.- Location of electrical logs in Grenada County.

GRENADA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B7	Coley Bailey	31-	23N- 5E	42'- 185'	BOG	12-29-83
F6	Poorhouse Water Association Well #4	11-	21N- 3E	10'- 508'	MGS	03-02-79
F7	Finley Horton	7-	21N- 3E	164'- 700'	BOG	06-29-81
G8	Sam Wilburn	1-	22N- 4E	10'- 735'	BOG	07-31, 08-02-79
G9	Grenada County Water & Sewer	32-	22N- 4E	10'- 606'	BOG	09-12-80
H23	Sonny Hayward	14-	22N- 5E	10'- 542'	MGS	05-09-79
H24	Robert Ratliff (New Place)	17-	22N- 5E	208'- 467'	BOG	09-04-79
H25	James Ragsdale	14-	22N- 5E	25'- 649'	BOG	09-12-79
H26	Bobby Hickman	14-	22N- 5E	10'- 704'	BOG	11-14-79
H27	Switzer Electric Company	14-	22N- 5E	270'- 499'	BOG	12-12, 12-13-79
H28	Cole Bailey	8-	22N- 5E	11'- 212'	MGS	01-02-79
H29	McRee Farms	36-	22N- 5E	22'- 483'	BOG	01-25-80
H30	Grenada County Water & Sewer T. H. #1	17-	21N- 5E	17'- 805'	BOG	05-23-80
H31	Grenada County Water & Sewer	11-	22N- 5E	10'- 510'	BOG	08-04-80
H32	Hawkins Lumber	11-	21N- 5E	60'- 520'	BOG	01-13-83

GRENADA - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
H33	Pioneer Beef	8-	22N- 5E	42' - 204'	BOG	09-15-83
H34	Houston Goodwin	6-	22N- 5E	20' - 260'	BOG	10-19-83
H35	Grenada County Water & Sewer	15-	21N- 5E	42' - 609'	BOG	11-27-83
H35	Grenada County Water & Sewer (Gamma Log)	15-	21N- 5E	10' - 611'	BOG	11-27-84
J8	Robert Shaw	33-	22N- 6E	11' - 494'	MGS	02-14-79
J9	Warren Johnson	15-	21N- 6E	10' - 503'	BOG	10-03-80
J10	Warren Johnson	14-	21N- 6E	10' - 439'	BOG	01-13-81
K4	Carl Denton #7	25-	22N- 7E	16' - 411'	BOG	08-24-84

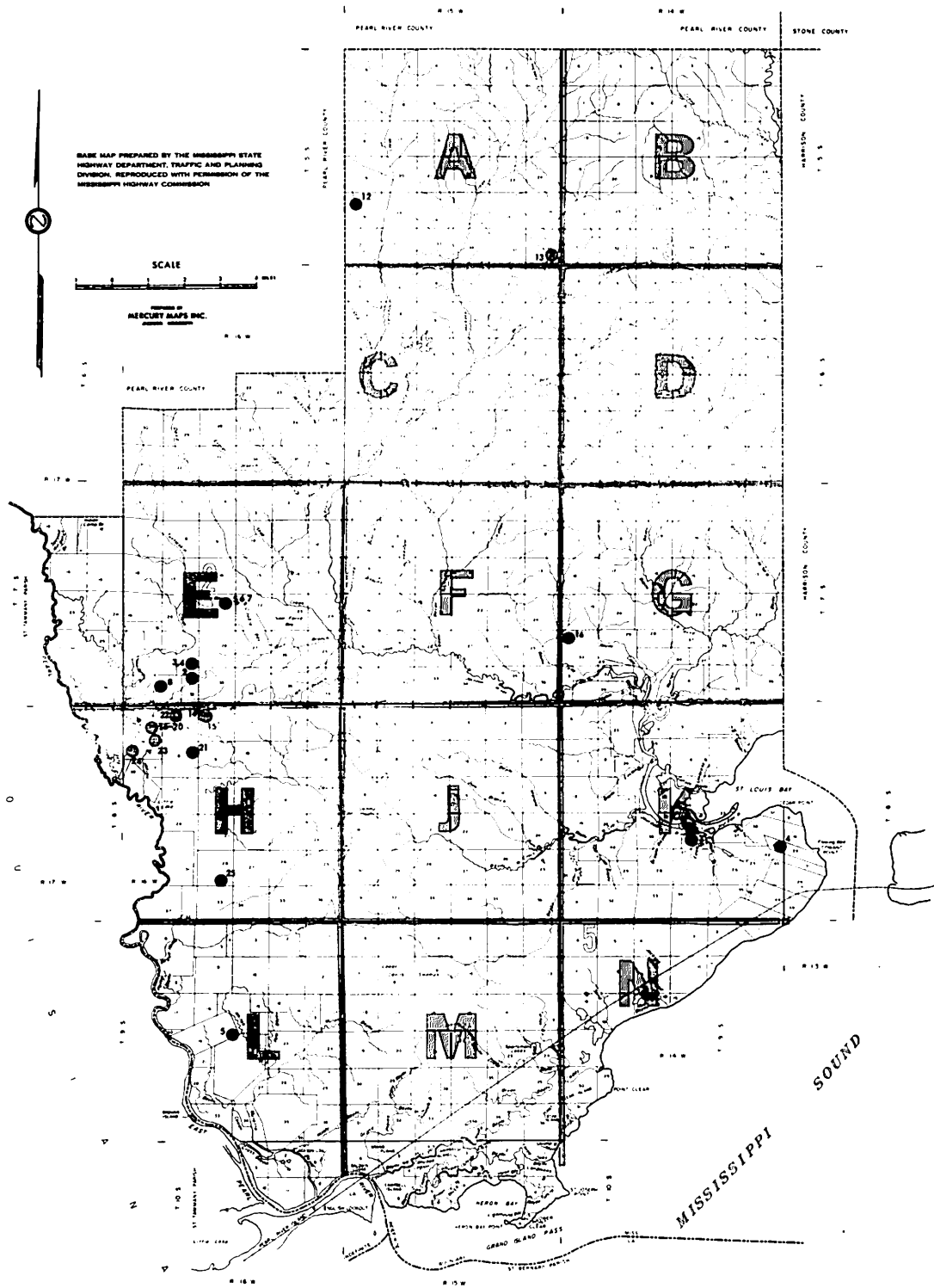


Figure 23.— Location of electrical logs in Hancock County.

HANCOCK

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A12	Center Water Association Well #2	30-	5S- 15W	25'-1224'	B0G	02-21-80
A13	White Cypress Creek Estates	36-	5S- 15W	10'-1231'	B0G	08-15-80
E2	Mason Chamberlain LF-23-J-1	32-	7S- 16W	0'- 38'	B0G	11-17-81
E3	Mason Chamberlain LF-23-J-2	29-	7S- 16W	0'- 48'	B0G	11-17-81
E4	Mason Chamberlain LF-23-J-3	29-	7S- 16W	0'- 37'	B0G	11-17-81
E5	Mason Chamberlain LF-23-I-1	21-	7S- 16W	0'- 38'	B0G	11-16-81
E6	Mason Chamberlain-U. S. Army LF-23-I-3	21-	7S- 16W	0'- 38'	B0G	11-16-81
E7	Mason Chamberlain-U. S. Army LF-23-I-2	21-	7S- 16W	0'- 49'	B0G	11-16-81
E8	Mason Chamberlain-U. S. Army LF-23-K-1	37-	7S- 16W	0'- 48'	B0G	11-17-81
G16	Kiln Water & Fire Protection District of Hancock County	30-	7S- 14W	19'- 646'	B0G	01-18-80
H14	Mississippi Army Ammunition Plant T. H. #1 for Well #1	4-	8S- 16W	10'- 755'	MGS	06-15-79
H15	Mississippi Army Ammunition Plant T. H. #2 for Well #2	4-	8S- 16W	10'- 758'	MGS	06-19-79
H16	NASA MW-1	19-	8S- 16W	6.5'-17.5'	B0G	10-08-81
H17	NASA MW-2	19-	8S- 16W	5.5'-19.5'	B0G	10-08-81
H18	NASA MW-3	19-	8S- 16W	8.5'-18.2'	B0G	10-08-81
H19	NASA MW-4	19-	8S 16W	5.5'-14.8'	B0G	10-08-81

HANCOCK - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
H20	NASA MW05	19-	8S-	16W	6' -15.5'	B0G	10-8-81
H21	NASA LF-23-L-1	8-	8S-	16W	0' - 38'	B0G	11-18-81
H22	NASA LF-23-M-1	6-	8S-	16W	0' - 38'	B0G	11-18-81
H23	NASA LF-23-M-2	19-	8S-	16W	0' - 38'	B0G	11-18-81
H24	NASA LF-23-M-3	19-	8S-	16W	0' - 36'	B0G	11-18-81
K3	Raymond Dearman	22-	8S-	14W	62' - 531'	MGS	04-06-79
K4	City of Bay St. Louis	41-	8S-	14W	50' -1184'	B0G	06-22-82
L5	Jerry Boelte	19-	9S-	16W	42' -1940'	B0G	09-01-84
L5	Jerry Boelte (Gamma Log)	19-	9S-	16W	10' -1940'	B0G	09-01-84

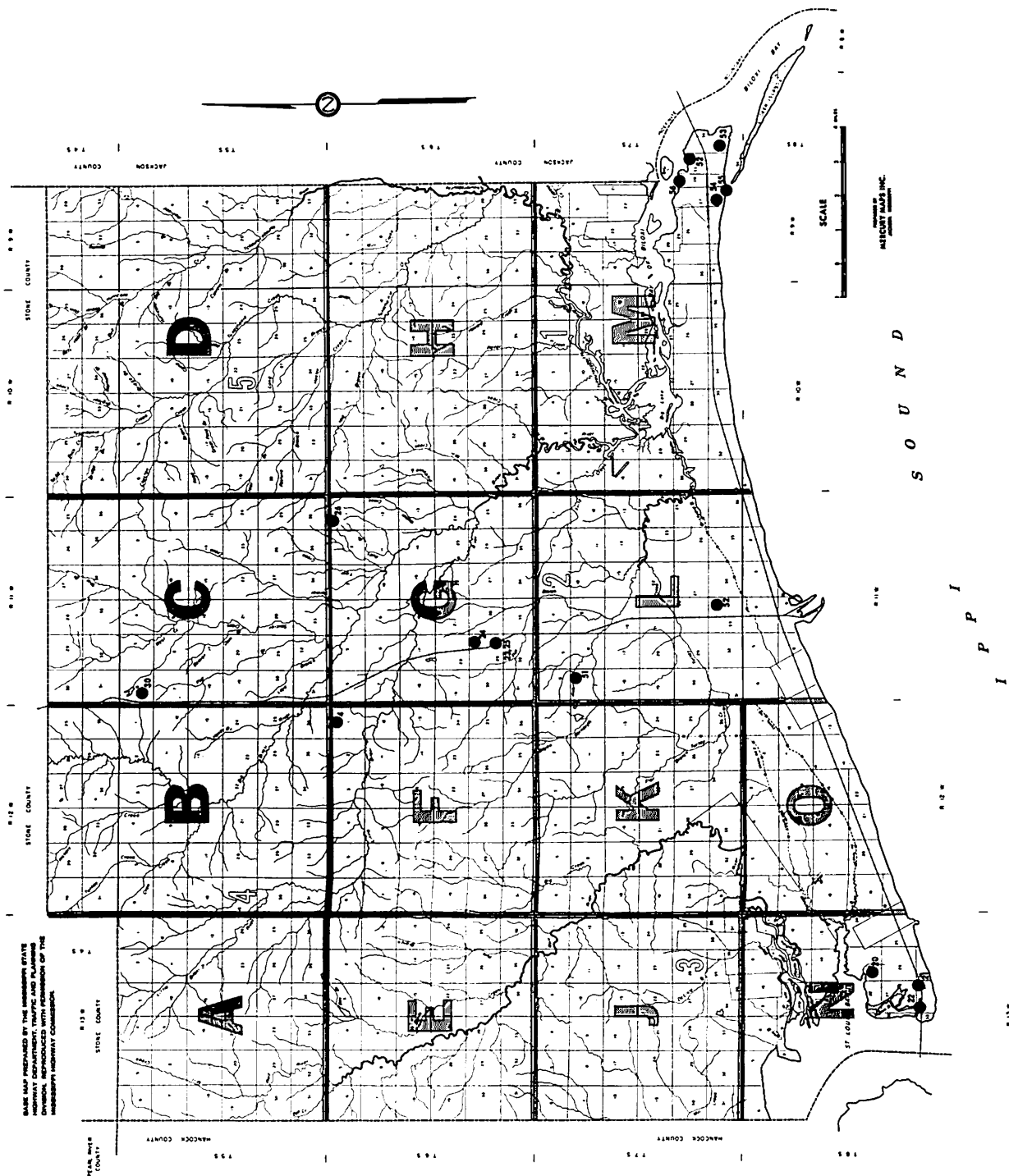


Figure 24.— Location of electrical logs in Harrison County.

HARRISON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C30	Town of Saucier #2	6-	5S- 11W	10'-1468'	A-1 Drilling	11-30-84
F4	Robinwood Forest	1-	6S- 12W	42'- 493'	BOG	09-12-84
G23	Edwin Alliston	29-	6S- 11W	20'- 700'	BOG	02-29-80
G24	Kenneth Layton and James Bond	29-	6S- 11W	452'- 672'	BOG	02-27-80
G25	Kenneth Layton	29-	6S- 11W	10'- 707'	BOG	07-29-80
G26	MS. Forestry Commission	1-	6S- 11W	20'- 682'	BOG	07-25-83
L51	Frank D'Coit	7-	7S- 11W	10'- 603'	BOG	12-12-80
L52	Chattanooga Glass	33-	7S- 11W	10'- 840'	BOG	01-21-82
M52	Swartz Seafood	33-	7S- 9W	10'- 959'	BOG	04-25-81
M53	Biloxi Freezer Company	34-	7S- 9W	35'- 800'	BOG	06-28-81
M54	Biloxi Freezer Company	27-	7S- 9W	42'- 640'	BOG	02-09-82
M55	Bill Terry, Jr.	27-	7S- 9W	140'- 658'	BOG	02-09-84
M56	Goillott Seafood	28-	7S- 9W	10'- 934'	BOG	07-10-84
M56	Goillott Seafood (Gamma Log)	28-	7S- 9W	0'- 924'	BOG	09-10-84
N20	Pass Christian Isles Golf Club	23-	8S- 13W	10'- 892'	MGS	06-18-79
N21	A. W. Junj	34-	8S- 13W	42'-1950'	BOG	09-30-82
N22	The Village, Henderson Point	34-	8S- 13W	44'- 998'	BOG	11-02-83

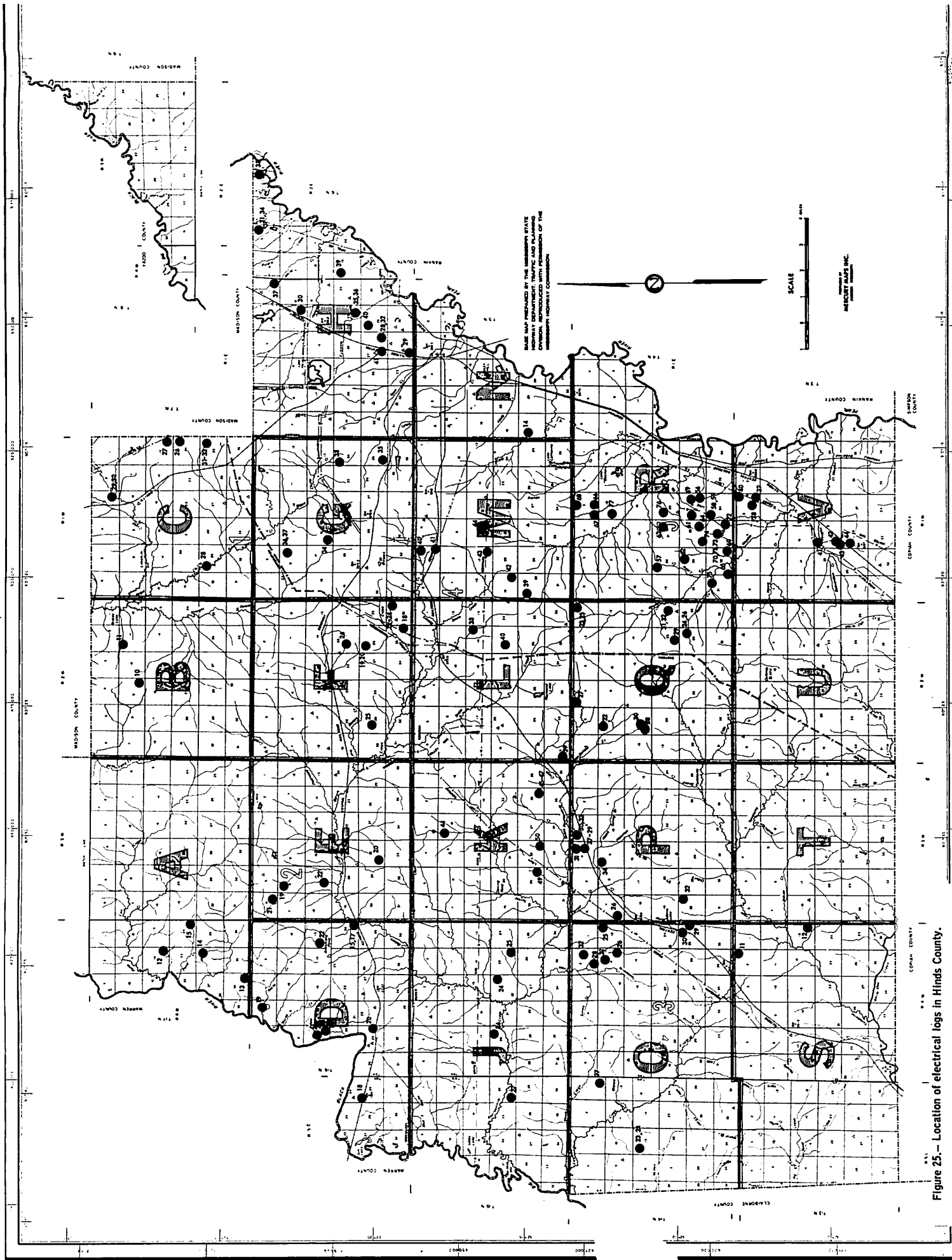


Figure 25.— Location of electrical logs in Hinds County.

HINDS

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A12	Green Brothers Farm	14-	7N- 4W	10' - 366'	B0G	08-29-79
A13	Herb Jordan	34-	7N- 4W	10' - 340'	B0G	11-13-79
A14	Mr. Holcomb	26-	7N- 4W	26' - 800'	B0G	11-21-79
A15	Buddy Buzhardt	24-	7N- 4W	10' - 224'	B0G	02-18-81
B10	North Hinds Water Association Well #3	9-	7N- 2W	36' -1126'	Layne-Central	10-02-79
B11	Stuart Irby	11-	7N- 2W	42' - 895'	B0G	09-09-83
C26	Dr. Howard Friday	24-	7N- 1W	10' - 742'	B0G	02-21-80
C27	Dr. Howard Friday	13-	7N- 1W	16' - 707'	B0G	03-11-80
C28	Carl Jenkins	29-	7N- 1W	10' - 797'	B0G	04-02-81
C29	Melrose S. Flood	3-	7N- 1W	41' - 639'	B0G	11-14-81
C30	Melrose S. Flood	3-	7N- 1W	8' - 601'	B0G	07-29-82
C31	Key Constructors	25-	7N- 1W	42' - 705'	B0G	09-13-82
C32	Key Constructors	25-	7N- 1W	8' - 700'	B0G	10-06-82
C33	Key Constructors	25-	7N- 1W	50' - 710'	B0G	11-22-82
D14	Mr. Askew	17-	6N- 4W	10' - 385'	B0G	03-21-80
D15	Fred Motalvo	24-	6N- 4W	10' - 268'	B0G	10-31-80
D17	Fred Motalvo	24-	6N- 4W	10' - 175'	B0G	12-19-80

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D18	Bill Gill	24-	16N- 5E	16' - 248'	BOG	05-21-81
D19	Moss Backer Production Co. #1 Thomas B. White Adall WSW	4-	6N- 4W	8' -1227'	BOG	01-26-84
D20	Bob Brown	29-	6N- 4W	2' - 232'	BOG	07-18-84
D21	Mr. Askew	17-	6N- 4W	10' - 100'	BOG	10-31-84
D22	David Mosbey	13-	6N- 4W	42' - 294'	BOG	12-04-84
E19	W. J. Runyon	8-	6N- 3W	2' - 345'	BOG	12-11-79
E20	Paromont Drilling Company	28-	6N- 3W	10' -1205'	BOG	01-22-81
E21	Reuter Construction Company	6-	6N- 3W	20' - 420'	BOG	06-18-82
E22	M. M. Davis	17-	6N- 3W	0' - 200'	BOG	04-27-84
F18	Jim Montgomery	35-	6N- 2W	10' - 264'	BOG	09-18-79
F19	Lakeridge Well #1	26-	6N- 2W	10' -1170'	BOG	09-10-80
F20	Lakeridge	26-	6N- 2W	10' - 305'	BOG	09-16-80
F22	Troy Majors	36-	6N- 2W	10' - 735'	BOG	11-05-80
F23	Troy Majors #2	36-	6N- 2W	15' - 737'	BOG	11-21-80
F24	John H. Fox	36-	6N- 2W	10' - 934'	BOG	05-15-82
F25	Gulf Oil Corp.	29-	6N- 2W	42' -1144'	BOG	04-19-84
F26	Augustus Harper	23-	6N- 2W	16' - 218'	BOG	12-11-84

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
G34	Town of Clinton Well #7	16-	6N- 1W	43'- 960'	MGS	02-21-79
G35	Shady Oaks Country Club Well #2	25-	6N- 1W	10'- 666'	BOG	01-26-81
G36	Steve Garner	8-	6N- 1W	50'- 666'	BOG	09-02-81
G37	Tom Wilkinson	8-	6N- 1W	10'- 529'	BOG	08-28-81
G38	Calvin Ramsey	23-	6N- 1W	10'- 840'	BOG	02-10-84
H28	Bureau of Geology Observation Well #2	27-	6N- 1E	24'- 150'	BOG	08-20-79
H29	Aldersgate Association (Gamma Log)	34-	6N- 1E	10'-2350'	BOG	01-10-80
H30	Sperry Vickers	11-	6N- 1E	10'- 919'	BOG	01-23-81
H31	W. G. Avery	5-	6N- 2E	10'- 614'	BOG	02-03-81
H32	Bureau of Geology T. H. #3	27-	6N- 1E	10'- 100'	BOG	03-04-81
H34	W. G. Avery	5-	6N- 2E	10'- 600'	BOG	04-21-81
H35	Mr. Stribling	23-	6N- 1E	10'- 778'	BOG	06-26-81
H36	Mr. Stribling	23-	6N- 1E	10'- 765'	BOG	08-04-81
H37	Best Western Motel	1-	6N- 1E	16'- 418'	BOG	12-17-81
H38	Bob Ridgeway	3-	6N- 2E	30'- 380'	BOG	03-30-82
H39	Barney Davis	19-	6N- 2E	10'- 116'	BOG	04-27-82

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
H40	Ed Engles	26-	6N- 1E	14' - 129'	B0G	06-10-82
H41	Jackson Plating Company	27-	6N- 1E	21' - 810'	B0G	11-08-82
J24	Lee Penny Baker	22-	5N- 4W	25' - 302'	MGS	04-10-79
J25	Nelford Walton	23-	5N- 4W	40' - 239'	B0G	06-17-81
J26	Ray Cannada	20-	5N- 4W	38' - 137'	B0G	09-11-84
J27	Selvin Wilkerson	24-	15N- 5E	42' - 179'	B0G	09-05-84
K44	A1 East	10-	5N- 3W	10' - 180'	MGS	03-13-79
K45	Old Port Gibson-Ratliff Road Water Association	26-	5N- 3W	57' -1305'	B0G	08-22-79
K46	Old Port Gibson-Ratliff Road Water Association T. H. #2	26-	5N- 3W	10' -1250'	B0G	09-14-79
K47	Old Port Gibson-Ratliff Road Water Association T. H. #3	26-	5N- 3W	16' -1215'	B0G	10-11-79
K49	Manfred Gedeik	29-	5N- 3W	20' - 320'	B0G	05-26, 06-01-82
K50	Ensearch Oil Co.	28-	5N- 3W	20' -1313'	B0G	07-17-84
L38	W. R. Freeman	14-	5N- 2W	10' - 300'	B0G	08-17-79
L39	Richard Hill	31-	5N- 2W	10' - 240'	B0G	09-04-79
L40	Jim Andres	23-	5N- 2W	42' - 350'	B0G	02-24-84

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
M39	Mimosa Lake	30-	5N- 1W	10' -1053'	B0G	02-05-80
M40	U. S. Corps of Engineers Waterways Experiment Station	5-	5N- 1W	30' - 641'	B0G	09-24-80
M41	U. S. Corps of Engineers Waterways Experiment Station	5-	5N- 1W	10' - 642'	B0G	12-11-80
M42	Paul Ussary	19-	5N- 1W	10' - 264'	B0G	04-02-81
M43	Robert Fisher	17-	5N- 1W	18' - 718'	B0G	08-11-83
M44	City of Jackson	16-	5N- 1W	30' -1463'	Layne-Central	10-26-83
M44	City of Jackson (Gamma Log)	16-	5N- 1W	6' -1454'	Layne-Central	10-26-83
N14	H. J. Ray	30-	5N- 1E	10' - 591'	B0G	09-18-84
O23	Mr. Fisher	15-	14N- 5E	10' - 351'	B0G	09-28-79
O24	Mr. Fisher	15-	14N- 5E	5' - 448'	B0G	10-24-79
O25	Eunice Griffin	12-	4N- 4W	10' - 287'	B0G	04-09-80
O26	Amoco #1 Walter Gibbs 11-10 (WSW)	11-	4N- 4W	10' -1411'	B0G	06-27-80
O27	Hubbard Water Association	1-	14N- 5E	10' -1412'	B0G	12-05-80
O28	Dennis Gray	2-	4N- 4W	19' - 288'	B0G	04-05-83
O29	Tim Smithlon	25-	4N- 4W	21' - 400'	B0G	07-18-83
O30	Jim Tisdale	25-	4N- 4W	42' - 271'	B0G	09-14-83

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
P031	Mary Tory	11-	4N- 4W	14' - 472'	B0G	09-26-83
P032	Morningstar Baptist Church	2-	4N- 4W	10' - 219'	B0G	08-20-84
P26	Town of Learned Well #1	7-	4N- 3W	771'-1003'	MGS	01-10-79
P27	Oakley Training School #3	4-	4N- 3W	0' - 262'	MGS	04-25, 05-07-79
P28	Oakley Training School #4	4-	4N- 3W	118' - 264'	B0G	08-01-79
P29	Oakley Training School #5	4-	4N- 3W	97' - 240'	B0G	08-06-79
P30	Oakley Training School #6	3-	4N- 3W	100' - 241'	B0G	08-14-79
P31	Oakley Training School #7	4-	4N- 3W	110' - 259'	B0G	09-10-79
P32	Peter Styles	30-	4N- 3W	10' -1841'	B0G	07-28-81
P33	Oakley Training School	3-	4N- 3W	10' - 282'	B0G	11-05-81
P34	Brown Loam Experiment Station	9-	4N- 3W	10' -1210'	B0G	03-26-82
Q22	Donald Burnely	8-	4N- 2W	10' - 403'	MGS	03-29-79
Q23	Buddy Jenkins	1-	4N- 2W	10' -1158'	B0G	07-24, 08-22-79

HINDS - (Continued)

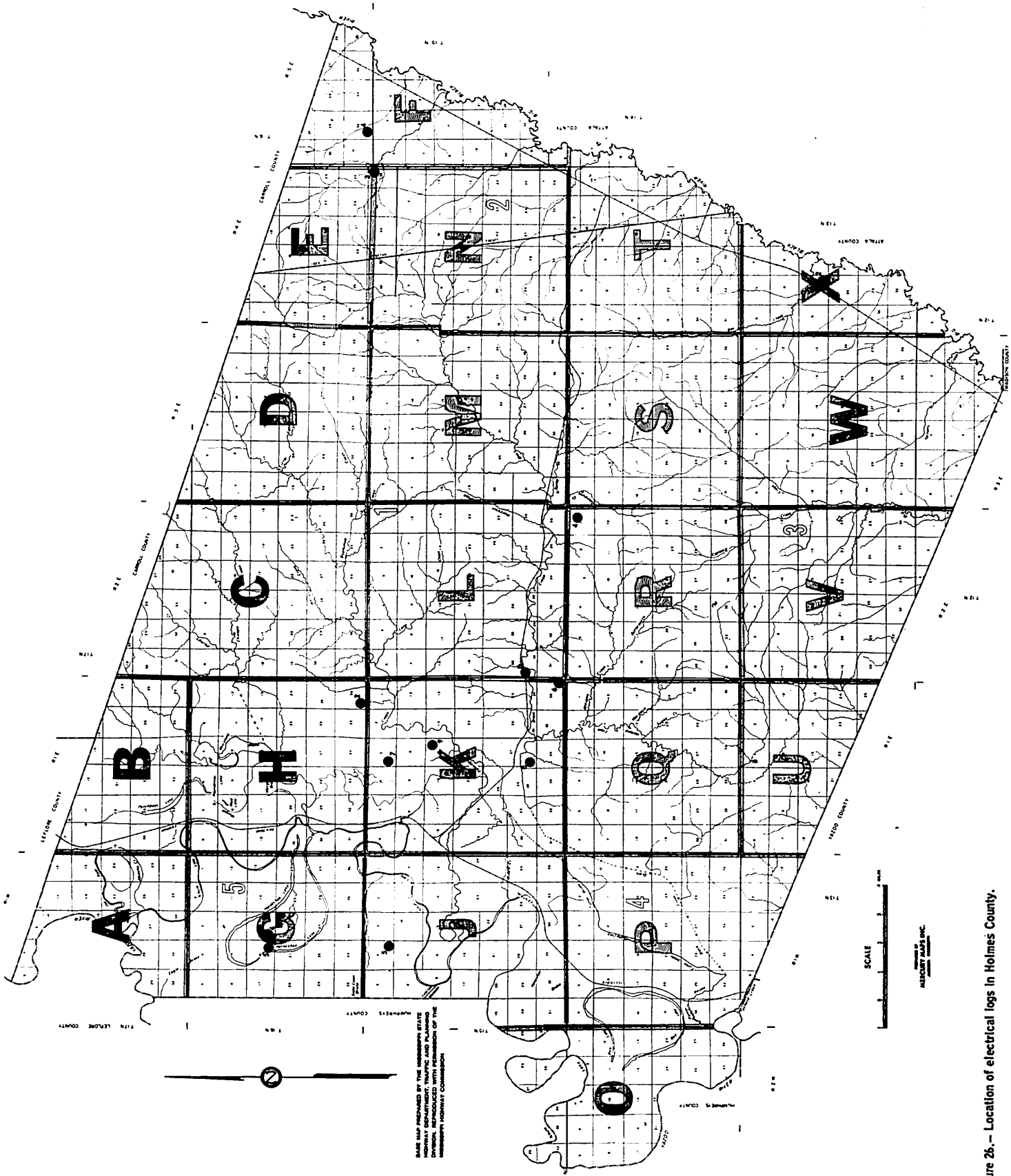
FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
Q24	Jack Guinn	26-	4N- 2W	10' - 520'	B0G	08-13-80
Q25	Buddy Jenkins Well #2	1-	4N- 2W	10' - 1265'	B0G	10-20-80
Q26	Mr. Goode	26-	4N- 2W	10' - 465'	B0G	03-23-81
Q27	R. M. Doolittle	4-	4N- 2W	10' - 485'	B0G	10-02-81
Q28	Dale Tate	17-	4N- 2W	10' - 480'	B0G	07-14-82
Q29	Mighty Oaks	23-	4N- 2W	50' - 490'	B0G	05-03-83
Q30	Dale Sloan	17-	4N- 2W	20' - 350'	B0G	09-21-83
Q31	Bob French	24-	4N- 2W	42' - 378'	B0G	11-14-84
Q32	Bob French	24-	4N- 2W	42' - 640'	B0G	11-28-84
R56	Ben Johnson	27-	4N- 1W	10' - 329'	MGS	03-21-79
R57	Mike Hurley	20-	4N- 1W	10' - 446'	B0G	07-01-80
R58	Exxon #1 Ruth Gill (WSW)	34-	4N- 1W	10' - 1208'	B0G	12-15-80
R59	Exxon #1 Ruth Gill (WSW)	34-	4N- 1W	10' - 1687'	B0G	12-23-80
R60	Mrs. Barlow	32-	4N- 1W	50' - 282'	B0G	09-01-81
R61	D. H. Ledbetter	27-	4N- 1W	10' - 380'	B0G	04-01-83
R62	Randall E. Grice	29-	4N- 1W	40' - 348	B0G	07-13-83
R63	Steve Ragland	21-	4N- 1W	42' - 277'	B0G	07-14-83

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
R64	Richard White	28-	4N- 1W	42' - 418'	BOG	07-27-83
R65	Maurice Preuss	32-	4N- 1W	41' - 233'	BOG	11-03-83
R66	John May	3-	4N- 1W	42' - 318'	BOG	11-08-83
R67	Stan Hansen	3-	4N- 1W	42' - 242'	BOG	11-11-83
R68	Gary Bowers	3-	4N- 1W	42' - 230'	BOG	11-16-83
R69	Phil Harris	27-	4N- 1W	2' - 310'	BOG	01-31-84
R70	Andrew Patrick	33-	4N- 1W	42' - 300'	BOG	04-02-84
R71	Andrew Patrick #2	33-	4N- 1W	42' - 320'	BOG	04-04-84
R72	W. O. McMurtary	33-	4N- 1W	42' - 343'	BOG	04-09-84
R73	L. I. Cook	33-	4N- 1W	0' - 325'	BOG	04-18-84
R74	Wayne Davis	28-	4N- 1E	50' - 323'	BOG	05-18--84
R75	Annie Harper	31-	4N- 1W	42' - 341'	BOG	07-12-84
R76	David Dween	22-	4N- 1W	42' - 237'	BOG	07-30-84
R77	Paul Smith	10-	4N- 1W	42' - 173'	BOG	08-03-84
S11	Mr. Pennington	2-	3N- 4W	8' - 142'	BOG	08-02-80
S12	Gene Gray	13-	3N- 4W	42' - 374'	BOG	06-30-83
V38	Eastside Water Association (Well #2)	3-	3N- 1W	10' - 496'	BOG	06-13-80
V39	Vernon Shirley	3-	3N- 1W	10' - 340'	BOG	07-24-80

HINDS - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
V40	Buck Deer	3-	3N- 1W	41' - 350'	B0G	10-29-81
V41	John C. Gerspebreth	21-	3N- 1W	40' - 325'	B0G	11-24-81
V42	Henry C. Duncan	21-	3N- 1W	10' - 574'	B0G	07-06-82
V43	David J. Hembree	21-	3N- 1W	10' - 541'	B0G	09-08-82
V44	Concrete Products	28-	3N- 1W	0' - 629'	B0G	08-10-84



HOLMES

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E2	Mississippi Highway Department Project #510055-02-090-10	36-	16N- 4E	10' - 825'	BOG	06-09-81
F4	Centreville Water Association	32-	16N- 5E	50' -1570'	BOG	03-08-83
G4	Morris Johnson	15-	16N- 1W	10' -1330'	BOG	01-02-80
G5	Kent Plunkett	16-	16N- 1W	50' -1342'	BOG	04-11-83
H2	MMRI Lignite Test Hole LTH 81-19	36-	16N- 1E	10' - 165'	BOG	08-25-82
J5	Tchula Lake Farms	4-	15N- 1W	10' -1628'	BOG	04-29-81
K6	E. L. Burkes	36-	15N- 1E	25' - 339'	BOG	07-30-80
K7	MMRI Lignite Test Hole LTH 81-20	3-	15N- 1E	10' - 150'	BOG	08--26-82
K7	MMRI Lignite Test Hole LTH 81-20 (Gamma Log)	3-	15N- 1E	10' - 150'	BOG	08-26-82
K8	MMRI Lignite Test Hole LTH 81-22	27-	15N- 1E	10' - 168'	BOG	08-31-82
K8	MMRI Lignite Test Hole LTH 81-22 (Gamma Log)	27-	15N- 1E	10' - 168'	BOG	08-31-82
K9	MMRI Lignite Test Hole LTH 81-21	15-	15N- 1E	10' - 64'	BOG	08-30-82
K9	MMRI Lignite Test Hole LTH 81-21 (Gamma Log)	15-	15N- 1E	10' - 64'	BOG	08-30-82
L8	J. J. Ferguson	30-	15N- 2E	42' - 248'	BOG	08-22-83

HOLMES - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
R4	Sweethome Water Association #3	1-	14N- 2E	12'-1345'	BOG	06-22-84
X2	Town of Goodman	17-	13N- 4E	10'-1022'	MGS	04-25-79

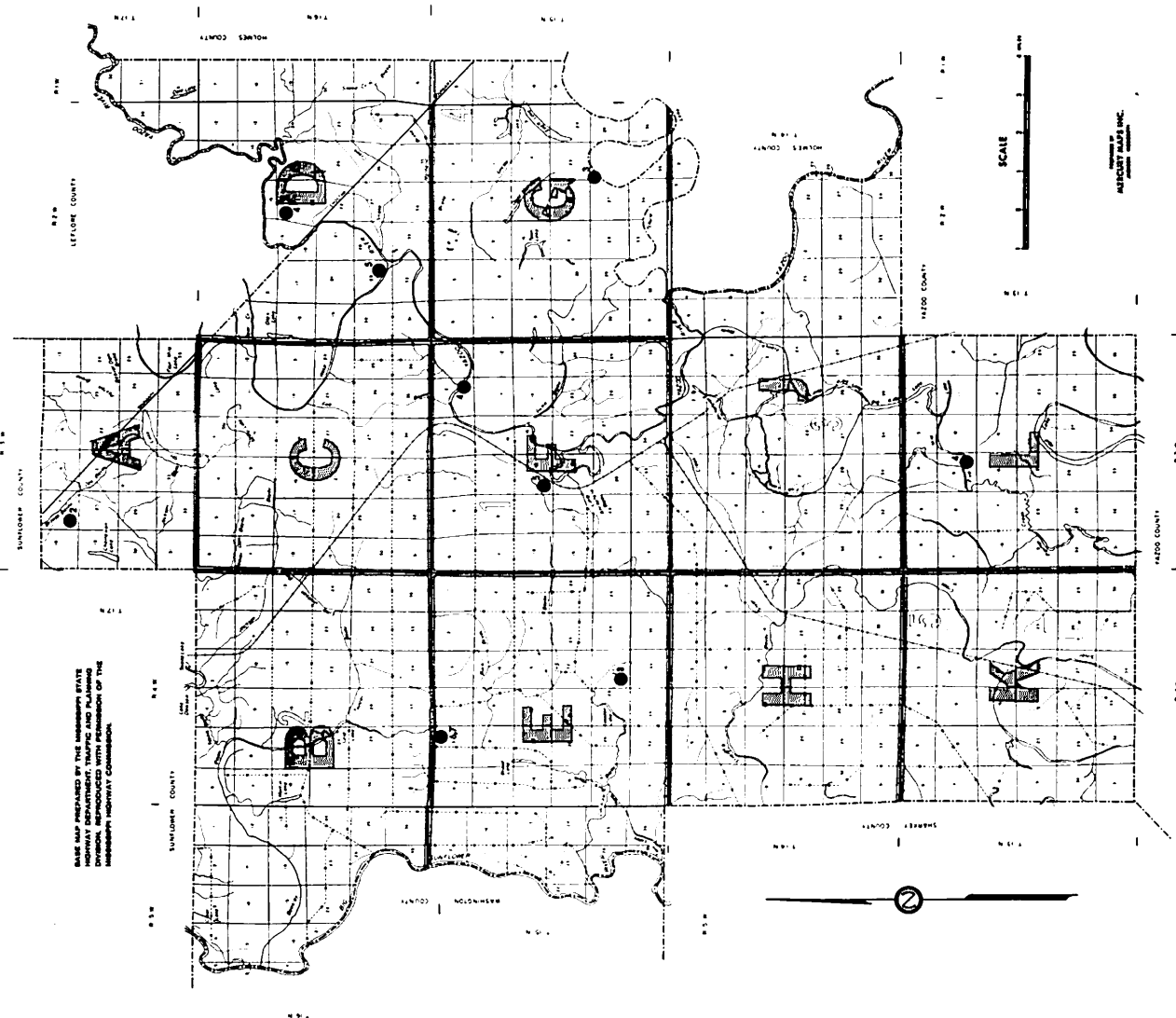


Figure 27. - Location of electrical logs in Humphreys County.

HUMPHREYS

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	H. B. Roland	17-	17N- 3W	10'-1442'	BOG	04-17-81
D4	W. O. Barret	22-	16N- 2W	10'- 737'	BOG	02-25-80
D5	Wade Aust	29-	16N- 2W	10'-1423'	BOG	02-19-80
E6	Conagra Fish Production #1	5-	15N- 4W	10'- 970'	BOG	02-27-80
E7	Conagra Fish Production #2	5-	15N- 4W	10'- 608'	BOG	01-15-81
E8	Conagra Fish Production	27-	15N- 4W	10'- 865'	BOG	05-04-81
F4	Humphreys County Water Association Well #1	2-	15N- 3W	20'- 722'	BOG	09-09-80
F5	Mississippi Forestry Commission	16-	15N- 3W	10'- 111'	BOG	09-27-82
G3	Robert Edward	26-	15N- 2W	10'-1070'	BOG	06-11-81
L4	Farm Fish, Inc.	9-	13N- 3W	50'- 942'	BOG	09-28-79

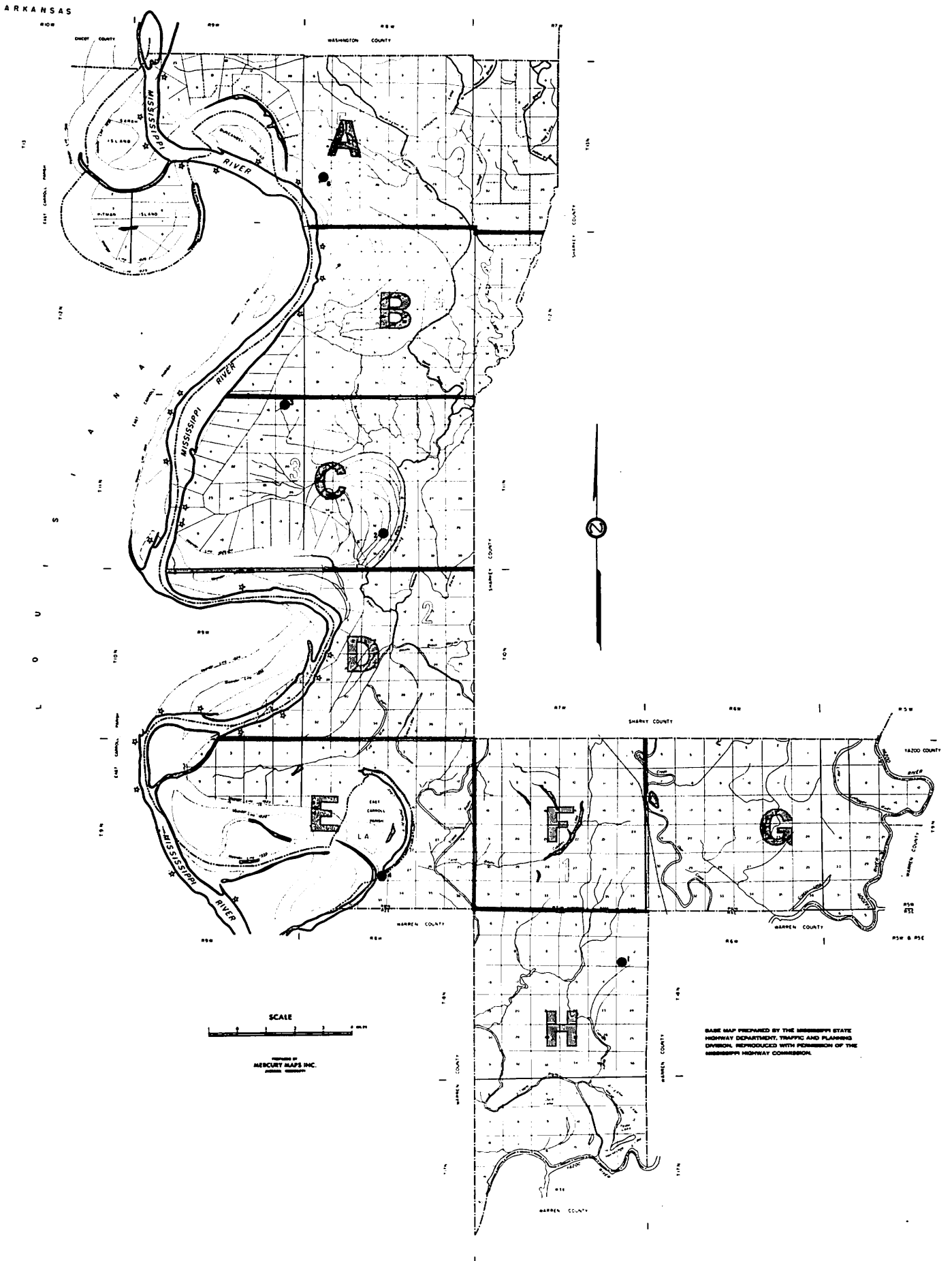


Figure 28.— Location of electrical logs in Issaquena County.

ISSAQUENA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A8	E. L. Pennybaker, Jr.	30-	13N- 8W	10' - 520'	BOG	01-15-81
C2	L. W. Knuckle	32-	11N- 8W	30' -1135'	BOG	09-06-79
C3	Henry Davis	15-	11N- 9W	10' -1032'	BOG	10-16-79
E4	Glen Cockran	28-	9N- 8W	50' - 770'	BOG	08-04-83
H1	Mahanna Farms	12-	18N- 3E	42' -1100'	BOG	03-19-84

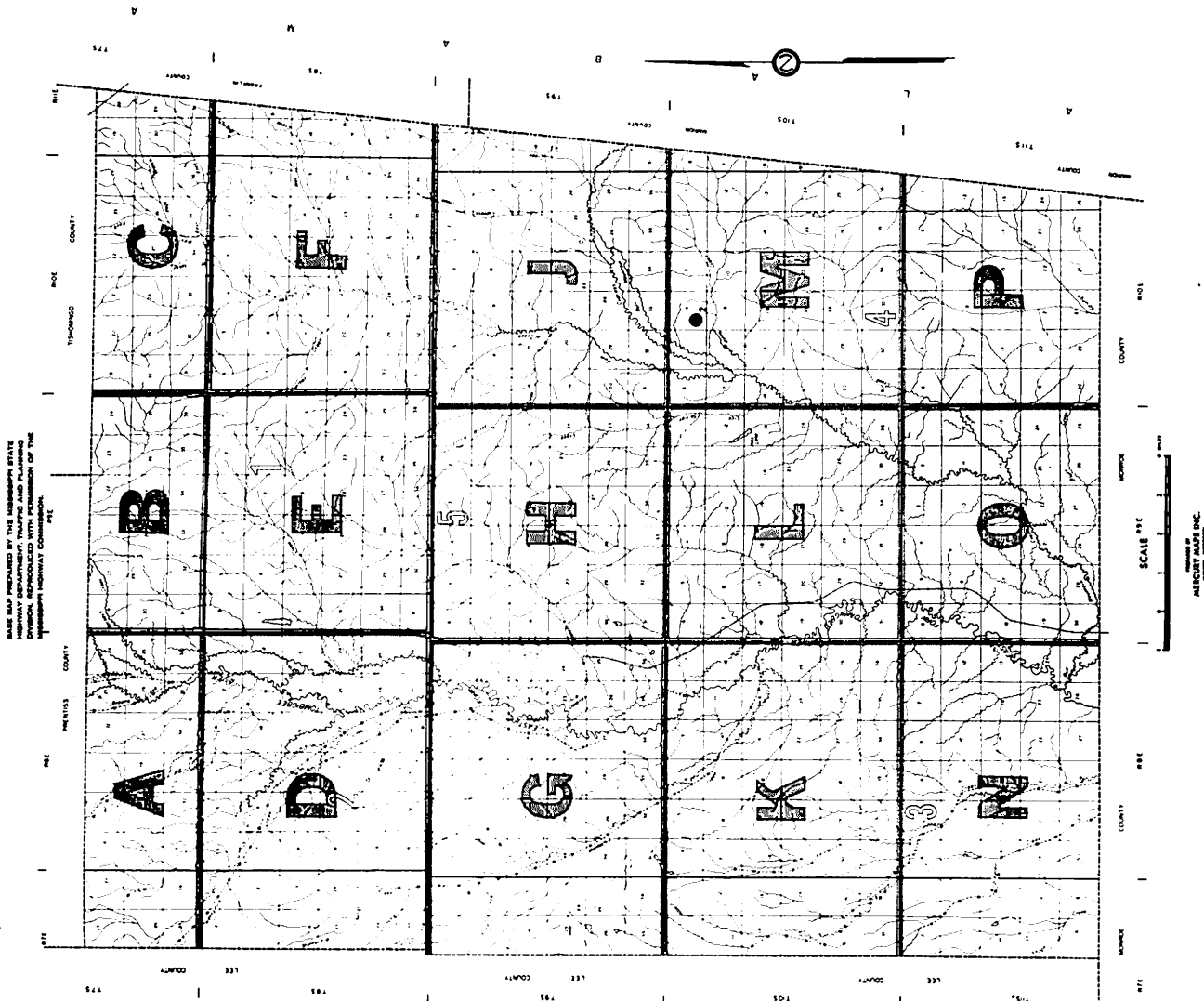


Figure 29.— Location of electrical logs in Itawamba County.

ITAWAMBA

FILE NO.	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
M2	Town of Tremont #2	4-	10S-	10E	5' - 148'	USGS	12-28-79

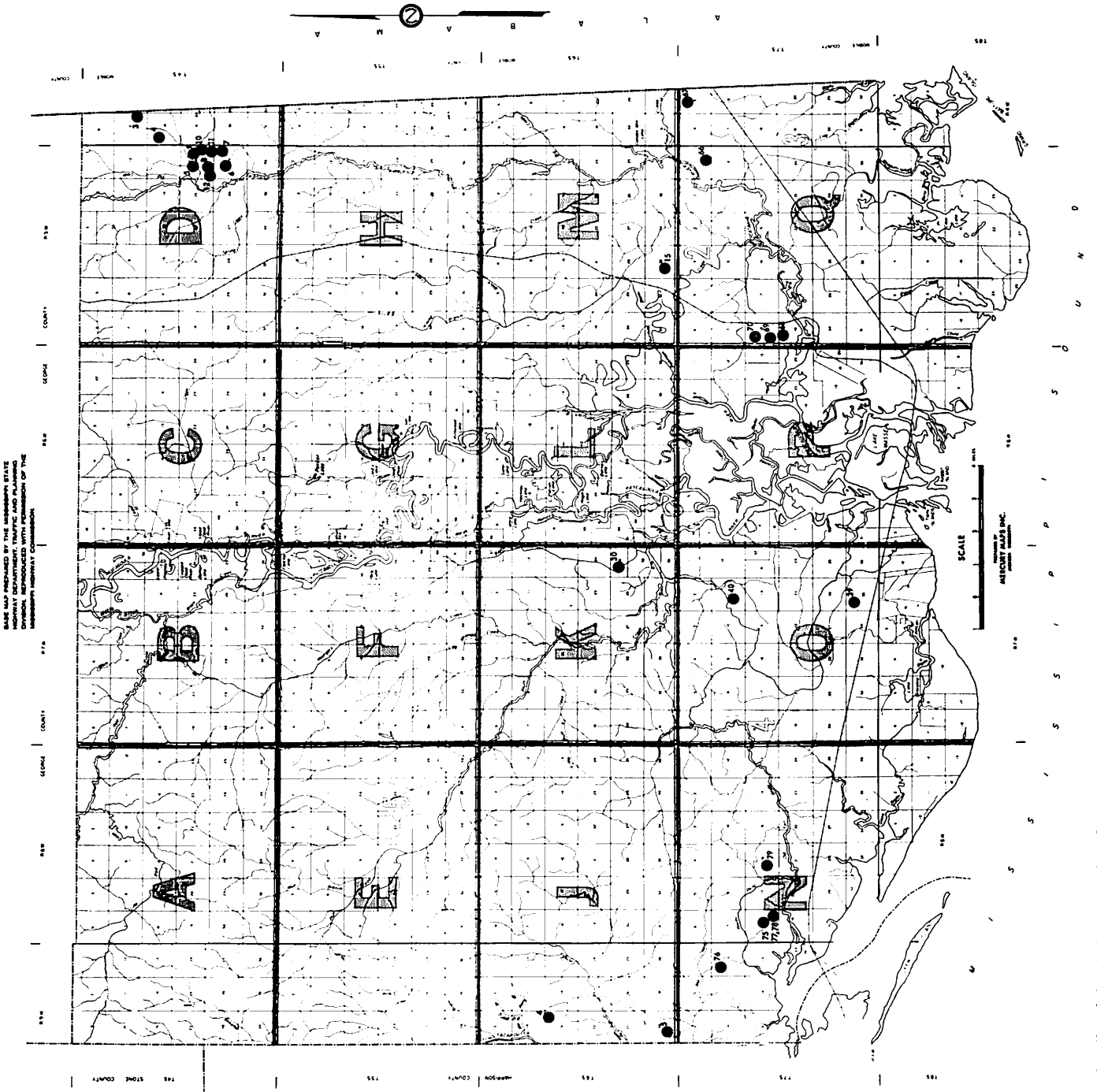


Figure 30.— Location of electrical logs in Jackson County.

JACKSON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D3	LF-30-E-1	7-	4S- 4W	10'- 90'	B0G	01-21-83
D4	LF-30-E-2	18-	4S- 4W	15'- 60'	B0G	01-21-83
D5	LF-30-F-1	24-	4S- 5W	15'- 74'	B0G	01-21-83
D6	LF-30-F-2	25-	4S- 5W	15'- 60'	B0G	01-21-83
D7	LF-MW-30-F-3	25-	4S- 5W	15'- 65'	B0G	01-21-83
D8	LF-MW-30-F-4	24-	4S- 5W	15'- 40'	B0G	02-03-83
D9	LF-MW-30-F-5	25-	4S- 5W	15'- 49'	B0G	02-03-83
D10	LF-MW-30-F-6	25-	4S- 5W	16'- 58'	B0G	02-04-83
D11	LF-MW-30-F-7	24-	4S- 5W	16'- 49'	B0G	02-13-83
D12	LF-MW-30-F-8	24-	4S- 5W	16'- 58'	B0G	03-16-83
J4	Mr. Lazana	15-	6S- 9W	10'- 451'	B0G	05-27-81
J5	John Wiltz	34-	6S- 9W	10'- 319'	B0G	12-17-84
K30	Kenneth Cole	25-	6S- 7W	120'-1000'	B0G	04-06-83
M15	Arco Oil & Gas #1 Fred Wood, Jr.	33-	6S- 5W	42'- 547'	B0G	12-11-84
N75	Bay Waterworks	18-	7S- 8W	40'- 860'	B0G	12-10-81
N76	Porteaux Bay	12-	7S- 9W	30'- 848'	B0G	11-04-81
N77	Suburban Utilities	18-	7S- 8W	50'- 860'	B0G	08-04, 09-10-82

JACKSON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
N78	Suburban Utilities	18-	7S- 8W	50' - 517'	B0G	10-19-82
N79	St. Martin School	16-	7S- 8W	42' - 892'	B0G	12-15-82
039	Stiglet Utilities, Incorporated	35-	7S- 7W	38' - 926'	B0G	08-03-79
040	U. S. Department of the Interior Sandhill Crane Refuge	11-	7S- 7W	10' - 405'	B0G	10-26-79
Q66	MS. Highway Dept. Weigh Station East Bound	1-	7S- 5W	42' - 593'	B0G	07-15-83
Q67	MS. Highway Dept. Weigh Station West Bound	5-	7S- 4W	80' - 610'	B0G	11-22-83
Q68	City of Moss Point TH #1	19-	7S- 5W	42' - 512'	B0G	01-19-84
Q69	City of Moss Point TH #2	18-	7S- 5W	42' - 513'	B0G	02-08-84
Q70	City of Moss Point TH #3	18-	7S- 5W	10' - 547'	B0G	05-21-84

TOP

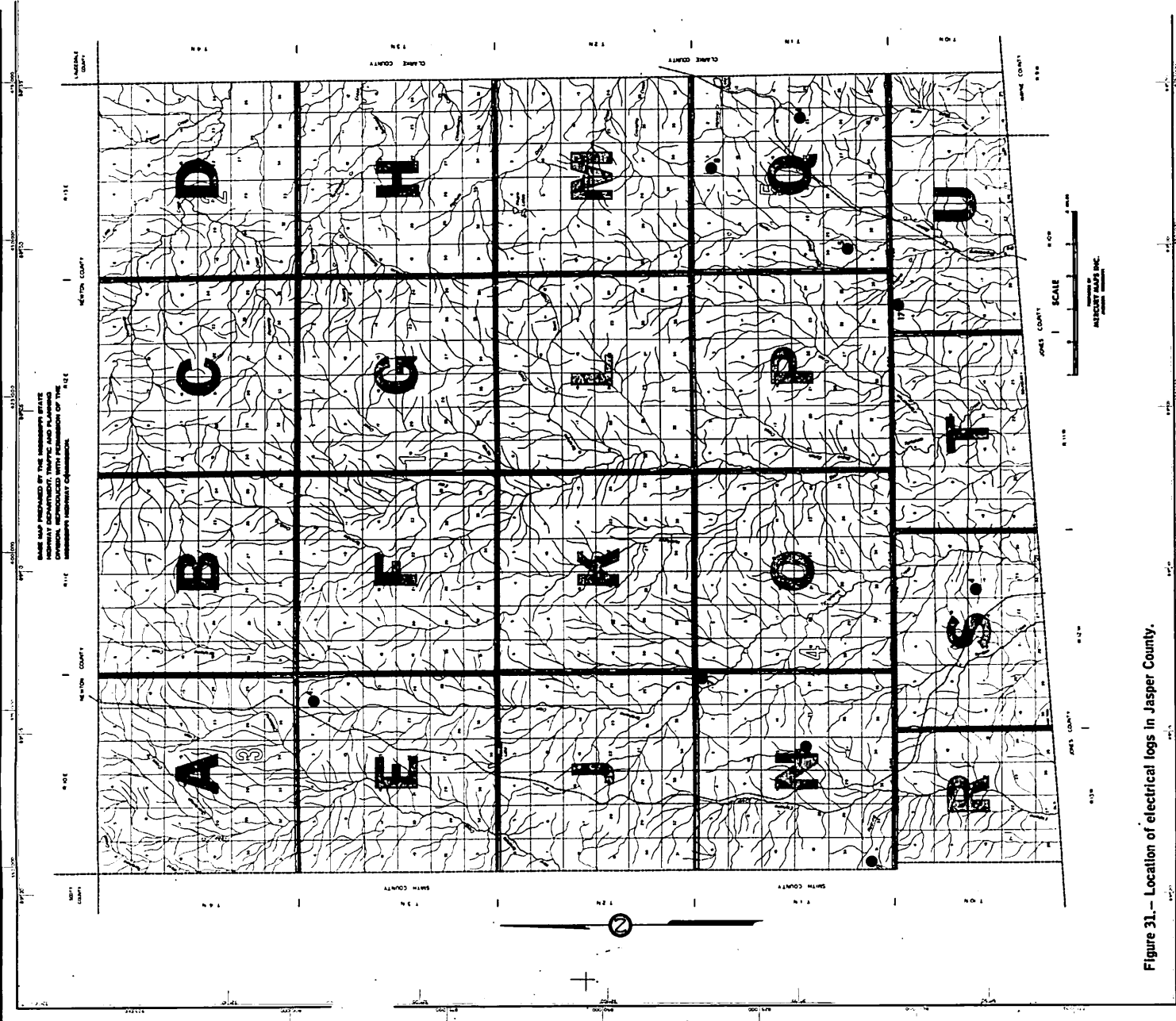
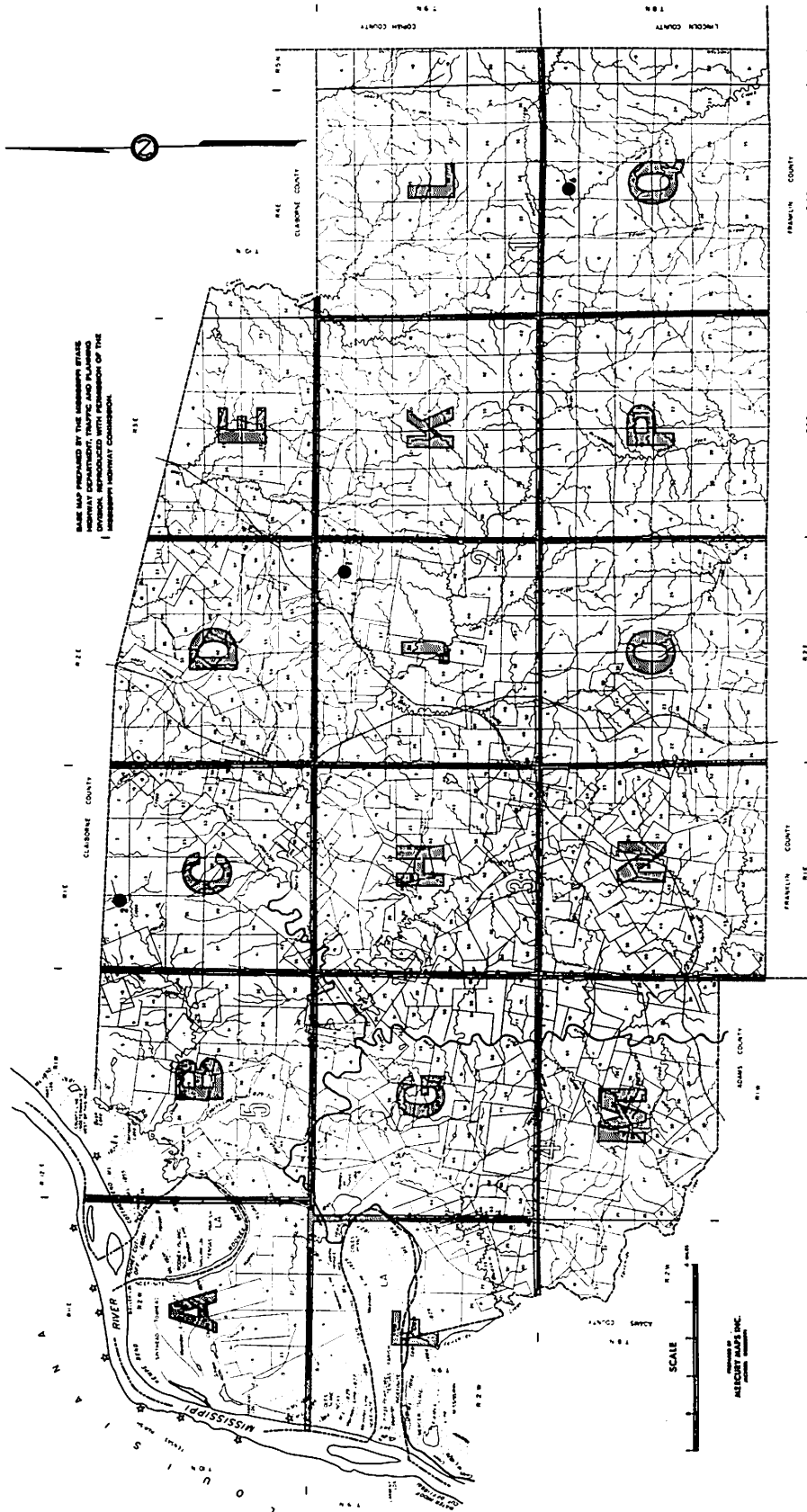


Figure 31.- Location of electrical logs in Jasper County.

JASPER

FILE NO. MGS - USGS	OWNER	SEC.	TMP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E4	Town of Montrose #3	1-	3N- 10E	35'-1475'	B0G	06-22-84
N7	Spooner Petroleum #1 L. B. Alexander (WSW)	1-	1N- 10E	10'- 871'	B0G	02-13-81
N8	Stringer Water Association Well #2	22-	1N- 10E	50'-1098'	B0G	10-01-81
N9	John W. Wilson	31-	1N- 10E	50'- 369'	B0G	11-02-82
Q5	L. H. Martin	30-	1N- 13E	10'- 431'	MGS	02-26-79
Q6	Beaverdam Water Association Well #5	23-	1N- 13E	14'- 940'	B0G	09-02-80
Q8	Chesley Pruet	3-	1N- 13E	10'- 863'	A-1 Logging Serv.	07-10-84
S4	Bureau of Geology Oligocene Stratigraphy Test #1	14-	10N- 12W	0'- 218'	B0G	06-16-80
U17	Gulf Oil Co.	6-	10N- 10W	26'- 595'	B0G	11-22-83



MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION, IN COOPERATION WITH THE MISSISSIPPI HIGHWAY COMMISSION.

SCALE 0 0.25 0.5 0.75 1.0 1.25 MILES
 ASSEMBLED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING DIVISION, IN COOPERATION WITH THE MISSISSIPPI HIGHWAY COMMISSION.

Figure 32.- Location of electrical logs in Jefferson County.

JEFFERSON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C2	Mr. Fox	5-	10N- 1E	10' - 684'	BOG	07-27-81
J1	Lorman Water Association	3-	9N- 2E	50' - 784'	BOG	06-24-82
Q6	Union Church Water Association T. H. #1 for Well #2	3-	8N- 4E	66' - 594'	BOG	08-11-82

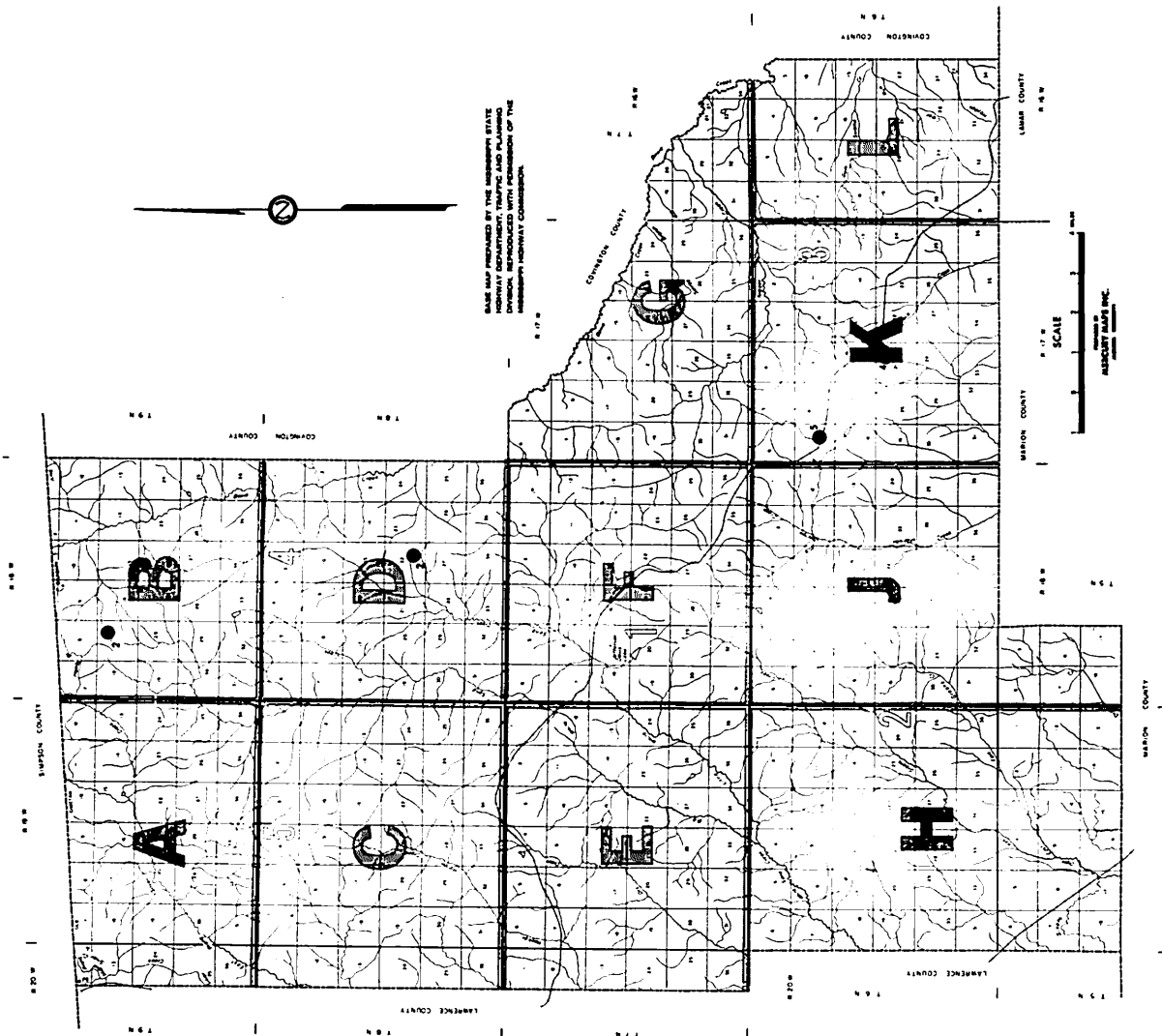


Figure 33.- Location of electrical logs in Jefferson Davis County.

JEFFERSON DAVIS

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
B2	W. J. Smith	17-	9N-	18W	10' - 260'	MGS	05-01-79
D2	Northeast Jefferson Davis Water Association #2	22-	8N-	18W	25' - 378'	MGS	03-23-79
K4	Lowland Utility	21-	6N-	17W	42' - 500'	B0G	08-16-83
K5	Town of Bassfield	7-	6N-	17W	25' - 433'	B0G	09-15-83

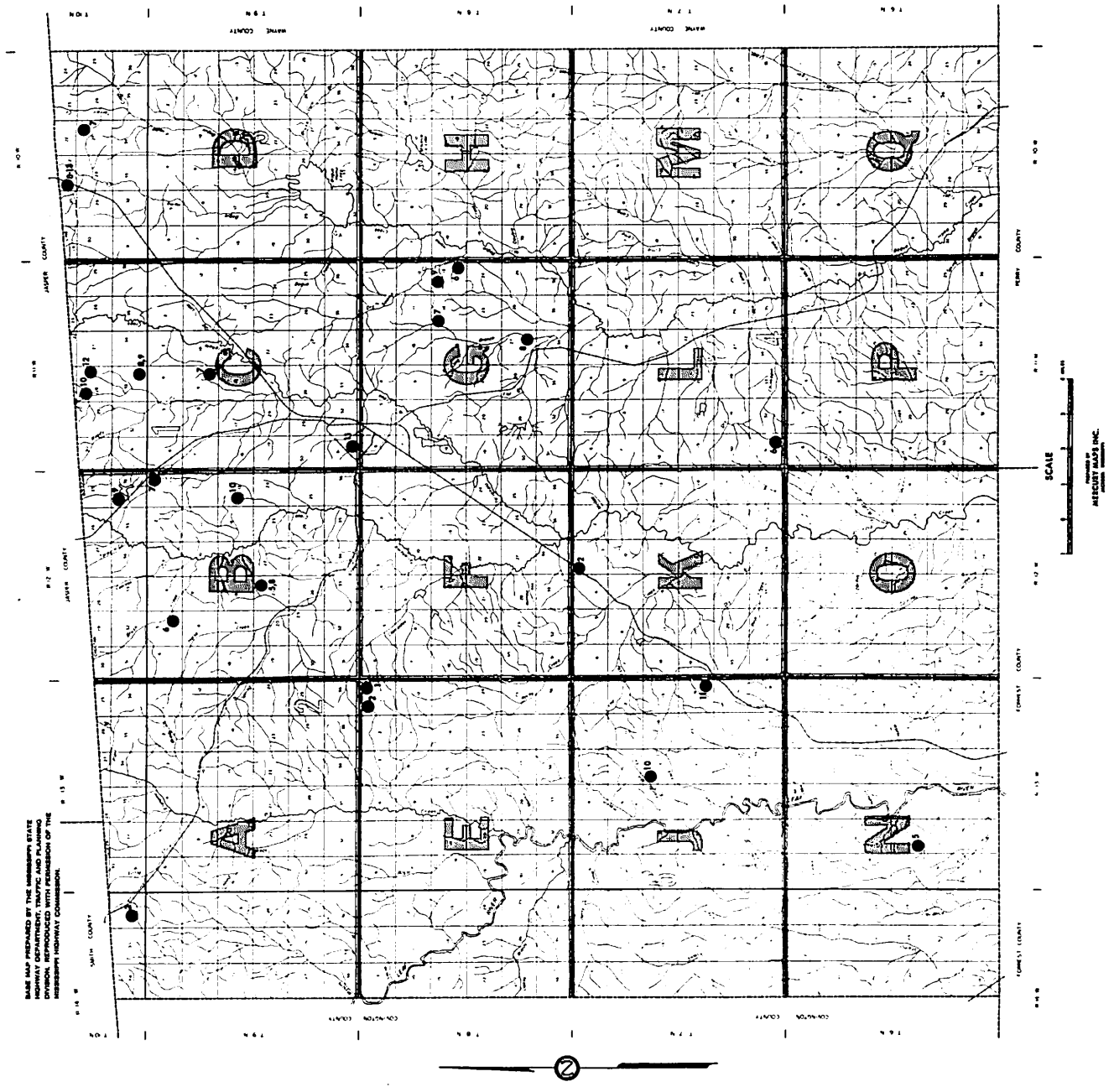


Figure 34.— Location of electrical logs in Jones County.

JONES

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Tri-County Water Association	36-	10N- 14W	10' - 762'	BOG	06-13-84
B5	Calhoun Water Association	21-	9N- 12W	10' - 501'	MGS	05-17-79
B6	Mathew Moss Water Association Well #4	5-	9N- 12W	10' - 317'	BOG	05-12-80
B7	Shady Grove Water Association	1-	9N- 12W	10' - 500'	BOG	04-01-81
B8	Calhoun Water Association	21-	9N- 12W	45' - 400'	BOG	07-02-81
B9	Sharon Water Association	36-	10N- 12W	50' - 910'	BOG	04-09-82
B10	Shady Grove Water Association	13-	9N- 12W	20' - 350'	BOG	07-21-83
C7	Chevron U.S.A. #2 C. Walker Unit 1-2 (WSW)	9-	9N- 11W	22' - 820'	MGS	07-24-79
C8	Sharon Water Association	33-	10N- 11W	20' - 792'	BOG	05-21-82
C9	Sharon Water Association #4	33-	10N- 11W	64' - 248'	BOG	07-07-82
C10	Sharon Water Association	28-	10N- 11W	80' - 764'	BOG	08-09-82
C11	City of Laurel	31-	9N- 11W	50' - 504'	BOG	09-06-83
C12	Sharon Water Association	28-	10N- 11W	44' - 732'	BOG	02-02-84
D7	Beavermeadow Water Association (Well #3)	27-	10N- 10W	10' - 663'	BOG	10-29-79
D8	Southland Refinery #1	21-	10N- 10W	10' - 69'	BOG	01-15-81
D9	Southland Refinery #2	21-	10N- 10W	10' - 69'	BOG	01-15-81
D10	Southland Refinery #3	21-	10N- 10W	10' - 80'	BOG	01-15-81
D11	Southland Refinery #4	21-	10N- 10W	10' - 70'	BOG	01-16-81

JONES - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D12	Southland Oil MW-1	21-	10N- 10W	10' - 80'	BOG	08-10-81
D13	Southland Oil MW-2	21-	10N- 10W	10' - 70'	BOG	08-10-81
E1	Pleasant Ridge Water Association	1-	8N- 13W	20' - 380'	BOG	12-23-81
E2	Pleasant Ridge Water Association	1-	8N- 13W	12' - 415'	BOG	05-28-82
G6	Glade Water Association Test Hole #4	13-	8N- 11W	10' - 591'	BOG	12-31-80
G7	Glade Water Association	14-	8N- 11W	10' - 595'	BOG	01-29-81
G8	Glade Water Works	27-	8N- 11W	10' - 650'	BOG	08-26-81
G9	Shady Grove Water Works	13-	8N- 11W	2' - 352'	BOG	04-25-84
J10	Ray Wood	15-	7N- 13W	25' - 388'	MGS	06-29-79
J11	Oak Grove Water Association	24-	7N- 13W	10' - 691'	BOG	05-18-81
K2	Ellisville Water Association	3-	7N- 12W	42' - 620'	BOG	05-13-82
L6	J-P Water Association #3	31-	7N- 11W	27' - 829'	MGS	07-18-79
N5	Pinebelt Regional Airport	20-	6N- 13W	10' -1000'	BOG	11-14-80

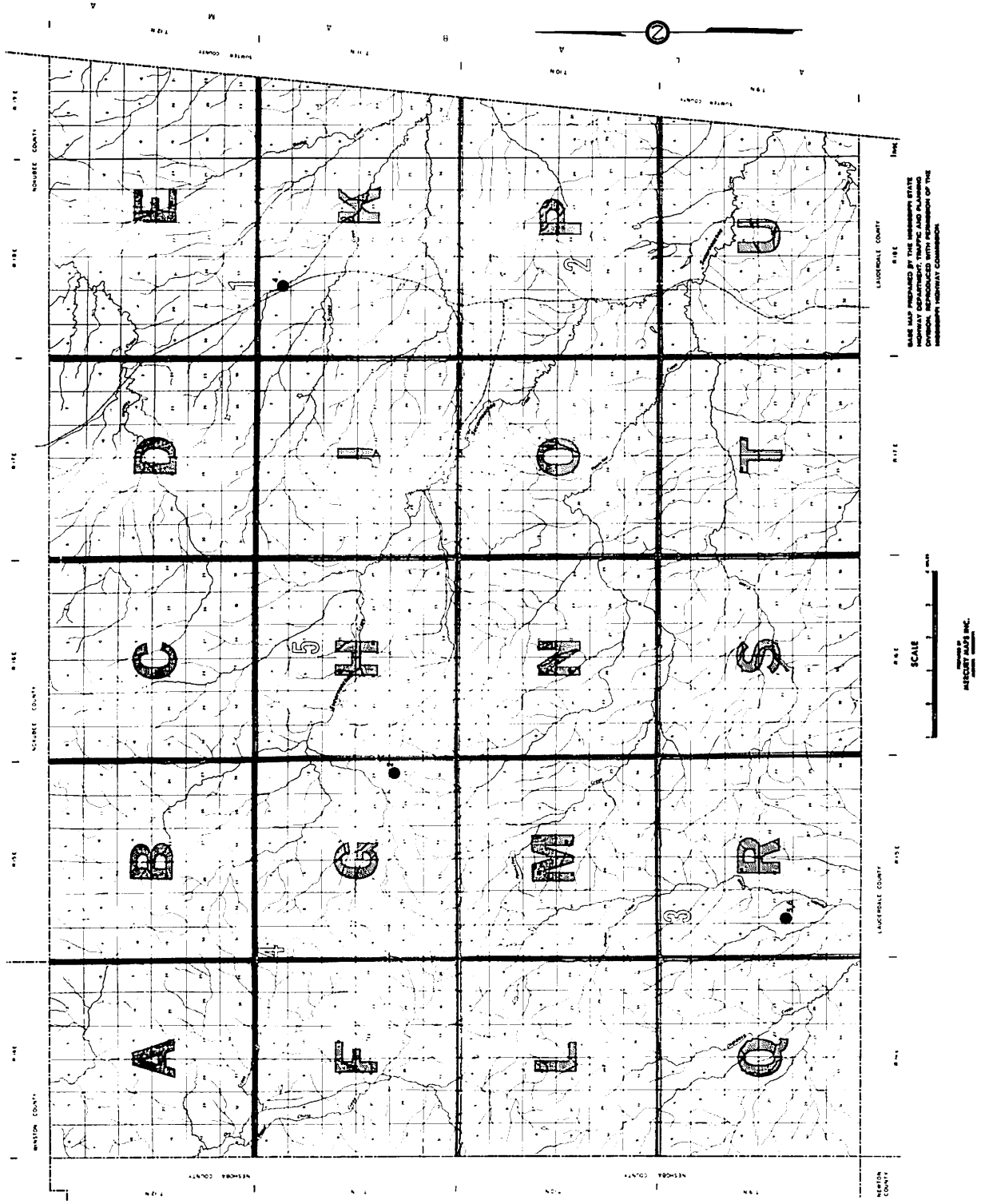


Figure 35.— Location of electrical logs in Kemper County.

KEMPER

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
G2	Kipling Water Association	25-	11N- 15E	42' - 100'	B0G	01-30-84
K4	Porterville Water Association #2	4-	11N- 18E	24' -2272'	B0G	08-23-79
R5	Northwest Kemper County Water Association	20-	9N- 15E	10' - 485'	B0G	12-01-80
R6	Northwest Kemper Water Association Test Hole #2	20-	9N- 15E	10' - 499'	B0G	01-07-81

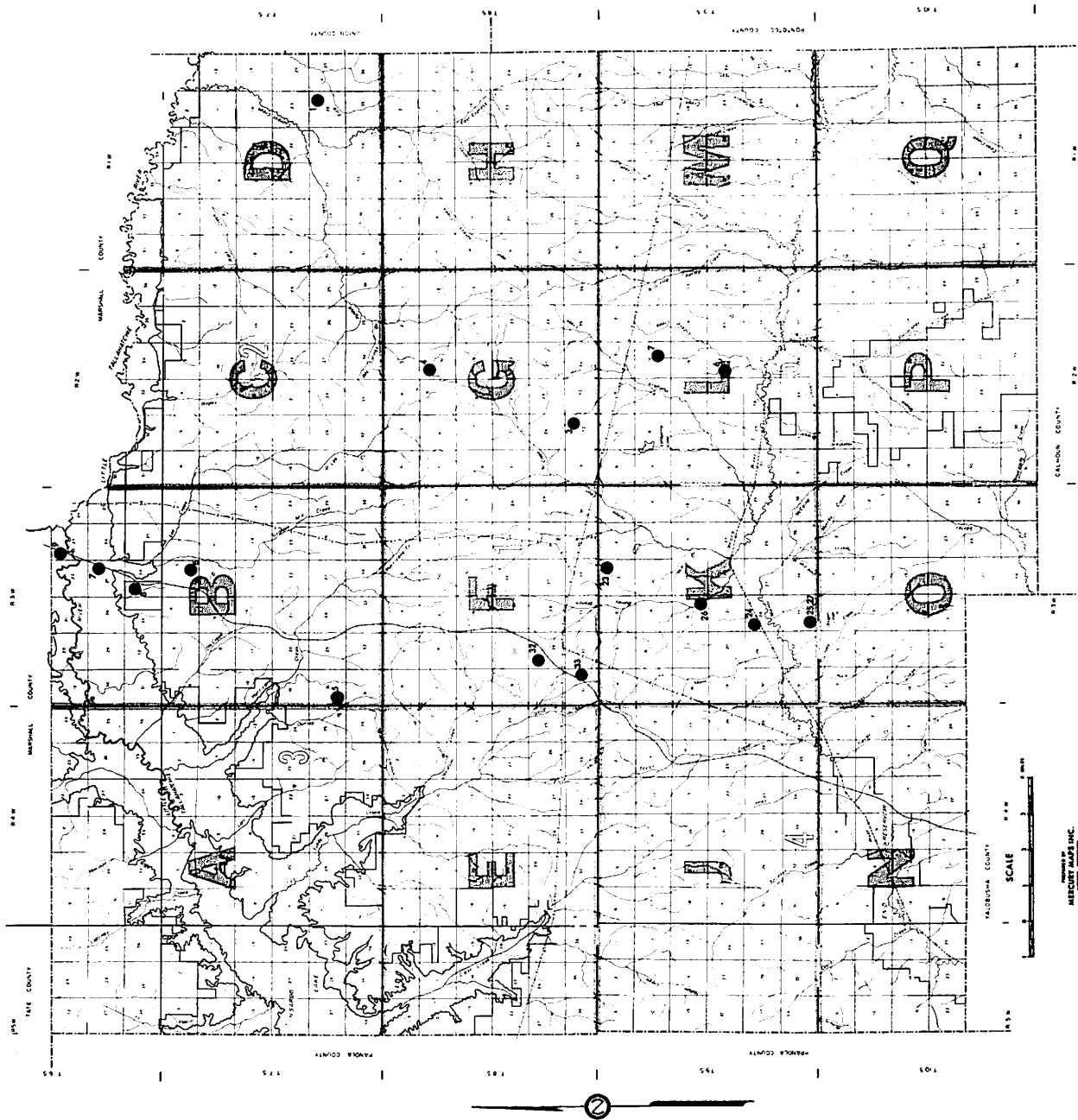


Figure 36. — Location of electrical logs in Lafayette County.

LAFAYETTE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B5	Quail Creek Subdivision Well #1	30-	7S- 3W	30' - 240'	B0G	06-20-80
B6	Abbeville Water Association Well #3	3-	7S- 3W	50' - 542'	B0G	09-21-81
B7	MMRI LTH 81-14	27-	6S- 3W	9' - 70'	B0G	04-14-82
B8	MMRI LTH 81-15	34-	6S- 3W	10' - 117'	B0G	06-16-82
B9	MMRI LTH 81-16	23-	6S- 3W	10' - 115'	B0G	06-17-82
D1	Sander's Water Association	26-	7S- 1W	400' - 1556'	B0G	04-14-81
F32	University of Mississippi Test Hole #2	29-	8S- 3W	10' - 340'	B0G	11-07-79
F33	University Gardens	31-	8S- 3W	42' - 552'	B0G	08-10-84
G3	Pumpkin Water Association Test Hole #1 for Well #2	32-	8S- 2W	100' - 440'	B0G	03-27-80
G4	Rebel Flying Service	10-	8S- 2W	10' - 335'	B0G	08-12-80
K23	Dr. Jerry Hopkins	3-	9S- 3W	13' - 444'	B0G	12-13-79
K24	MMRI LTH 81-08	28-	9S- 3W	20' - 100'	B0G	04-06-82
K25	MMRI LTH 81-09	33-	9S- 3W	15' - 50'	B0G	04-06-82
K26	MMRI LTH 81-10	16-	9S- 3W	11' - 80'	B0G	04-07-82
K27	MMRI LTH 81-11	33-	9S- 3W	7' - 80'	B0G	04-12-82

LAFAYETTE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TMP. RANGE	LOG INT.	LOG BY	DATE LOGGED
L6	Yocona Water Association Test Hole #1	22-	9S- 2W	16' - 902'	BOG	08-30-83
L7	Yocona Water Association Test Hole #2	10-	9S- 2W	30' - 441'	BOG	09-27-83

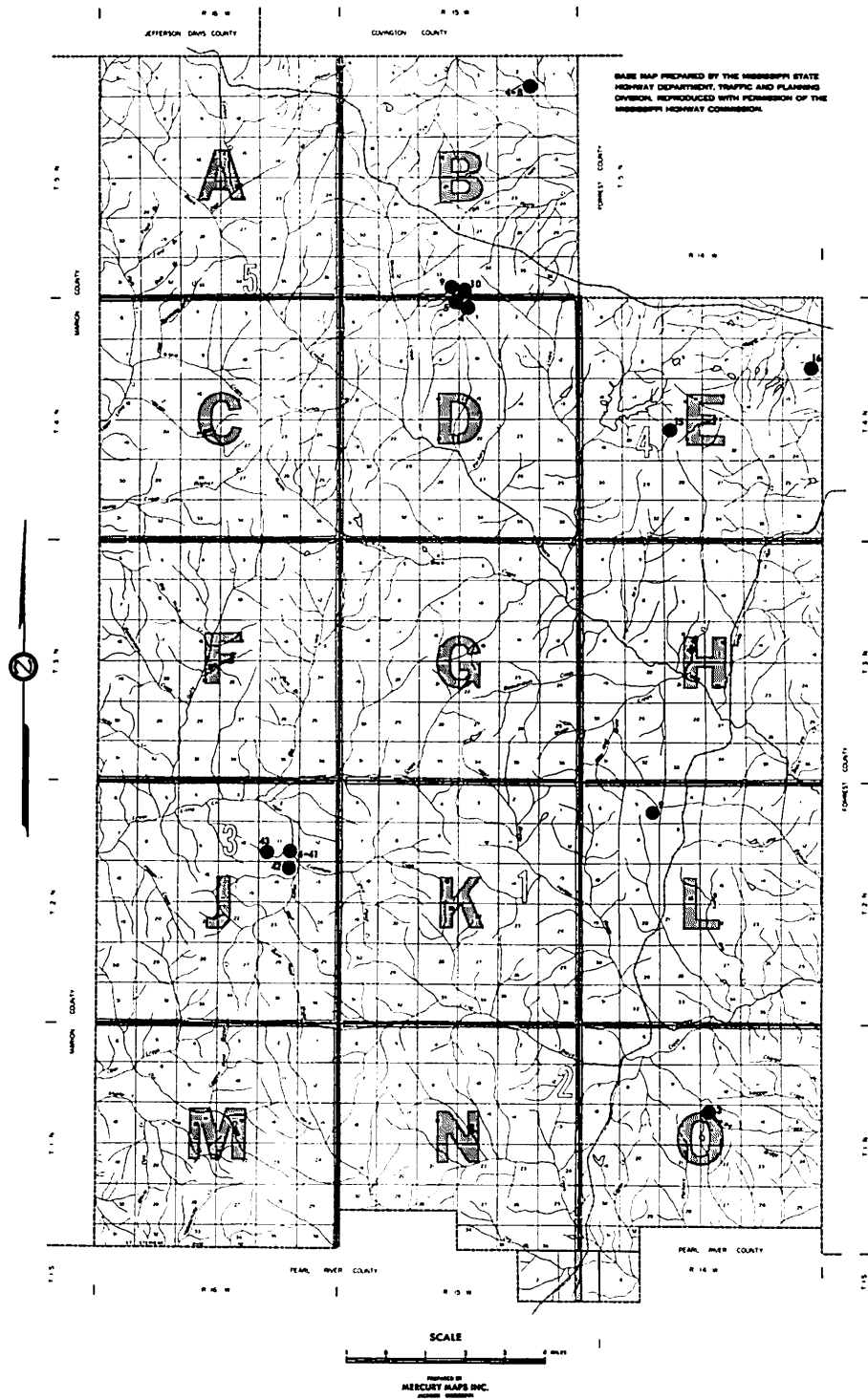


Figure 37.— Location of electrical logs in Lamar County.

LAMAR

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B4	Hercules Corporation (MGS LF-37-D-1)	2-	5N- 15W	0' - 138'	MGS	07-05-79
B5	MGS LF-37-D-2	2-	5N- 15W	10' - 120'	B0G	09-04-79
B6	MGS LF-37-D-3	2-	5N- 15W	10' - 120'	B0G	09-04-79
B7	MGS LF-37-D-4	2-	5N- 15W	10' - 119'	B0G	09-05-79
B8	MGS LF-37-D-5	2-	5N- 15W	10' - 119'	B0G	09-05-79
B9	West Lamar Water Association #3	33-	5N- 15W	42' - 470'	B0G	02-16-84
B10	West Lamar Water Association #5	34-	5N- 15W	42' - 456'	B0G	03-12-84
D4	West Lamar Water Association	3-	4N- 15W	365' - 1090'	B0G	03-30-81
D5	West Lamar Water Association #4	3-	4N- 15W	42' - 455'	B0G	03-02-84
E15	North Lamar Water Association Test Hole #1 for Well #3	21-	4N- 14W	14' - 200'	MGS	03-12-79
E16	Lamar Park Water Association #4	12-	4N- 14W	50' - 806'	USGS	06-29-79
J4	D.O.E./L.V. HM-2A	11-	2N- 16W	6' - 47'	MGS	07-20-79
J5	D.O.E./L.V. HM-2B	11-	2N- 16W	0' - 51'	B0G	08-01-79
J6	D.O.E./L.V. HM-L	11-	2N- 16W	56' - 138'	MGS	07-03-79
J6	D.O.E./L.V. HM-1	11-	2N- 16W	6' - 50'	MGS	07-10-79
J7	D.O.E./L.V. HM-3	11-	2N- 16W	24' - 48'	B0G	08-13-79
J8	D.O.E./L.V. HM-L	11-	2N- 16W	20' - 204'	USGS	07-05-79
J9	D.O.E./L.V. HM-L	11-	2N- 16W	33' - 196'	USGS	07-05-79

LAMAR - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
J10	D.O.E./L.V. HM-L	11-	2N-	16W	56' - 141'	USGS	07-03-79
J11	D.O.E./L.V. HM-L	11-	2N-	16W	139' - 202'	USGS	07-05-79
J12	D.O.E./L.V. HM-L	11-	2N-	16W	0' - 142'	USGS	07-03-79
J13	D.O.E./L.V. HM-L	11-	2N-	16W	10' - 142'	USGS	07-03-79
J14	D.O.E./L.V. HM-L	11-	2N-	16W	140' - 201'	USGS	07-05-79
J15	D.O.E./L.V. HM-1	11-	2N-	16W	28' - 409'	Dresser Atlas	07-16-79
J16	D.O.E./L.V. HM-1	11-	2N-	16W	325' - 412'	Dresser Atlas	09-05-79
J17	D.O.E./L.V. HM-1	11-	2N-	16W	40' - 321'	USGS	09-06-79
J18	D.O.E./L.V. HM-1	11-	2N-	16W	12' - 317'	USGS	09-06-79
J19	D.O.E./L.V. HM-1	11-	2N-	16W	33' - 318'	USGS	09-06-79
J20	D.O.E./L.V. HM-1	11-	2N-	16W	0' - 323'	USGS	09-06-79
J21	D.O.E./L.V. HM-1	11-	2N-	16W	50' - 323'	USGS	09-06-79
J22	D.O.E./L.V. HM-L	11-	2N-	16W	114' - 200'	USGS	09-05-79
J23	D.O.E./L.V. HM-2B	11-	2N-	16W	54' - 601'	Dresser Atlas	09-06-79
J24	D.O.E./L.V. HM-2B	11-	2N-	16W	600' - 696'	Dresser Atlas	09-06-79
J25	D.O.E./L.V. HM-2B	11-	2N-	16W	50' - 597'	Dresser Atlas	09-07-79
J26	D.O.E./L.V. HM-2B	11-	2N-	16W	600' - 696'	Dresser Atlas	09-07-79
J27	D.O.E./L.V. HM-2B	11-	2N-	16W	96' - 600'	Dresser Atlas	09-07-79
J28	D.O.E./L.V. HM-3	11-	2N-	16W	50' - 742'	Dresser Atlas	09-07-79
J29	D.O.E./L.V. HM-3	11-	2N-	16W	50' - 750'	Dresser Atlas	09-07-79

LAMAR - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
J30	D.O.E./L.V. HM-3	11-	2N-	16W	752' - 873'	Dresser Atlas	09-07-79
J31	D.O.E./L.V. HM-3	11-	2N-	16W	0' - 806'	Dresser Atlas	09-10-79
J32	D.O.E./L.V. HM-2A	11-	2N-	16W	46' - 439'	USGS	09-10-79
J33	D.O.E./L.V. HM-2A	11-	2N-	16W	36' - 437'	USGS	09-10-79
J34	D.O.E./L.V. HM-2A	11-	2N-	16W	38' - 435'	USGS	09-10-79
J35	D.O.E./L.V. HM-2A	11-	2N-	16W	0' - 442'	USGS	09-10-79
J36	D.O.E./L.V. HM-2A	11-	2N-	16W	49' - 440'	USGS	09-10-79
J37	D.O.E./L.V. HM-2A	11-	2N-	16W	80' - 530'	USGS	09-10-79
J38	D.O.E./L.V. HM-2A	11-	2N-	16W	440' - 534'	USGS	09-10-79
J39	D.O.E./L.V. HM-2A	11-	2N-	16W	440' - 530'	USGS	09-10-79
J40	D.O.E./L.V. HM-2A	11-	2N-	16W	434' - 532'	USGS	09-10-79
J41	D.O.E./L.V. HM-2A	11-	2N-	16W	0' - 536'	USGS	09-10-79
J42	Bureau of Geology Observation Well #2 (OW-2)	14-	2N-	16W	10' - 210'	BOG	03-25-81
J43	Bureau of Geology Observation Well #1 (OW-1)	11-	2N-	16W	12' - 185'	BOG	03-27-81
L9	Progress Water Association	5-	2N-	14W	42' - 262'	BOG	03-22-84
O3	Bass Pecan Nursery	15-	1N-	14W	40' - 340'	BOG	04-01-82

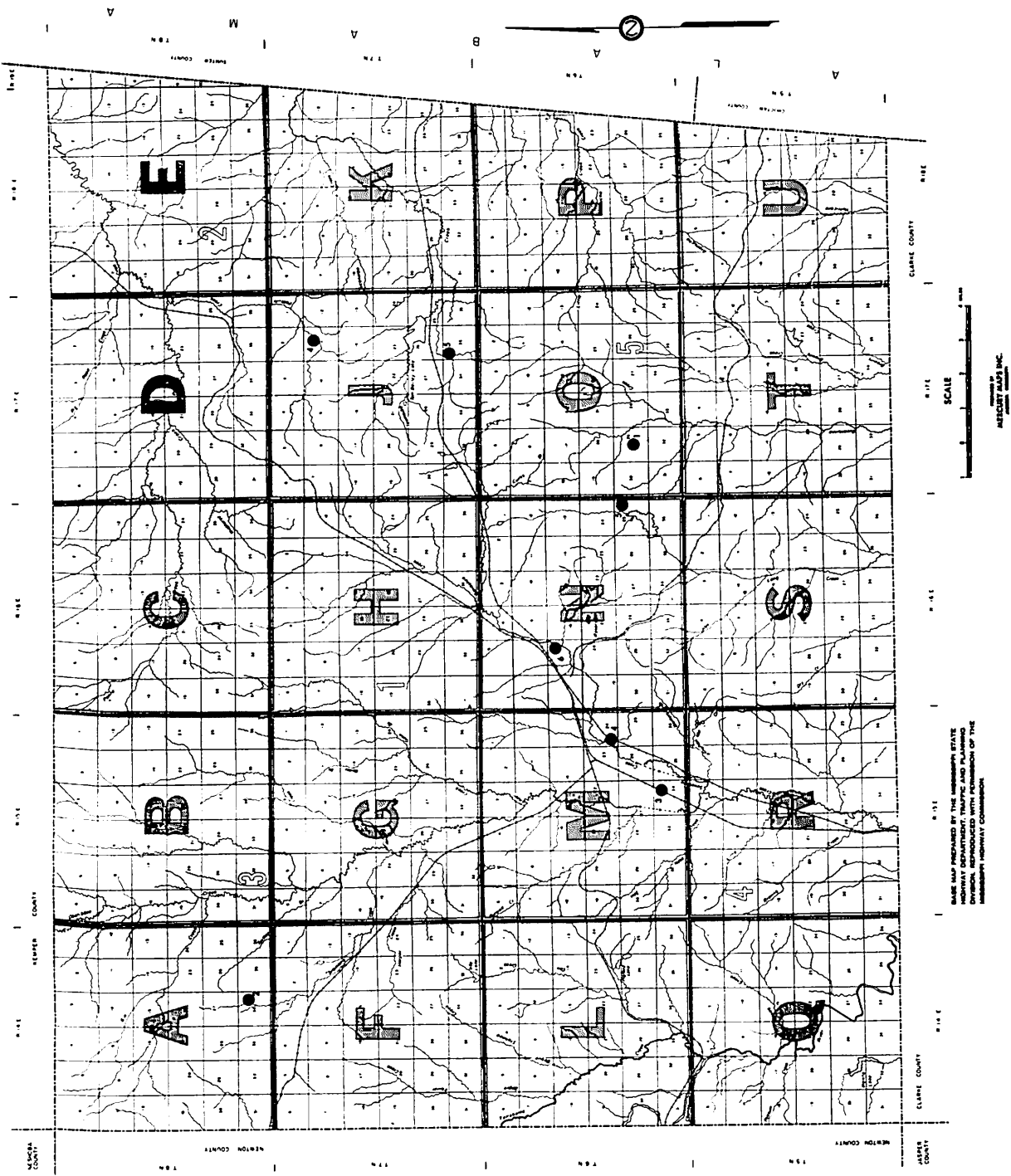


Figure 38.— Location of electrical logs in Lauderdale County.

LAUDERDALE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Town of Collinsville	34-	8N- 14E	60' - 720'	B0G	11-10-82
J4	Toomsaba Water Association Well #3	11-	7N- 17E	42' - 311'	B0G	05-06-83
J5	Welcome Station #2	35-	7N- 17E	42' - 400'	B0G	02-28-84
M3	U. S. Fish Hatchery - Aquarium Supply	34-	6N- 15E	50' - 880'	B0G	09-27-79
M4	Atlas Roofing #2	24-	6N- 15E	63' - 828'	B0G	06-07-82
N5	Long Creek Water Association	25-	6N- 16E	10' - 859'	M6S	01-15-79
N6	Coca-Cola Company	17-	6N- 16E	40' - 775'	B0G	11-24-81
01	Long Creek Water Association	29-	6N- 17E	16' - 866'	B0G	11-19-84

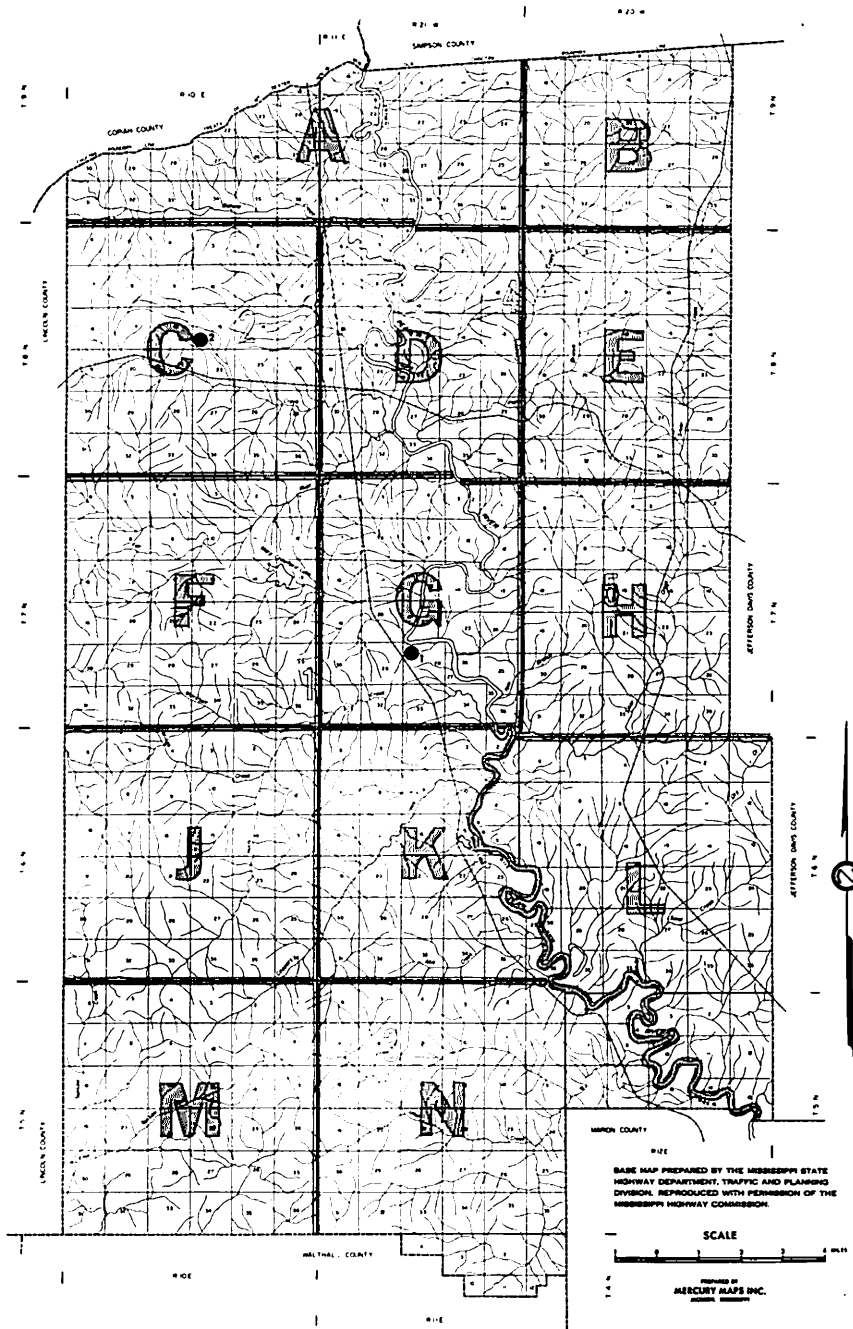


Figure 39.— Location of electrical logs in Lawrence County.

LAWRENCE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C2	Sontag-Wanilla Water Association Test Hole #1	15-	8N- 10E	10'-1023'	B0G	08-06-82
G1	Town of Monticello Well #4	28-	7N- 11E	33' - 960'	B0G	09-20-79

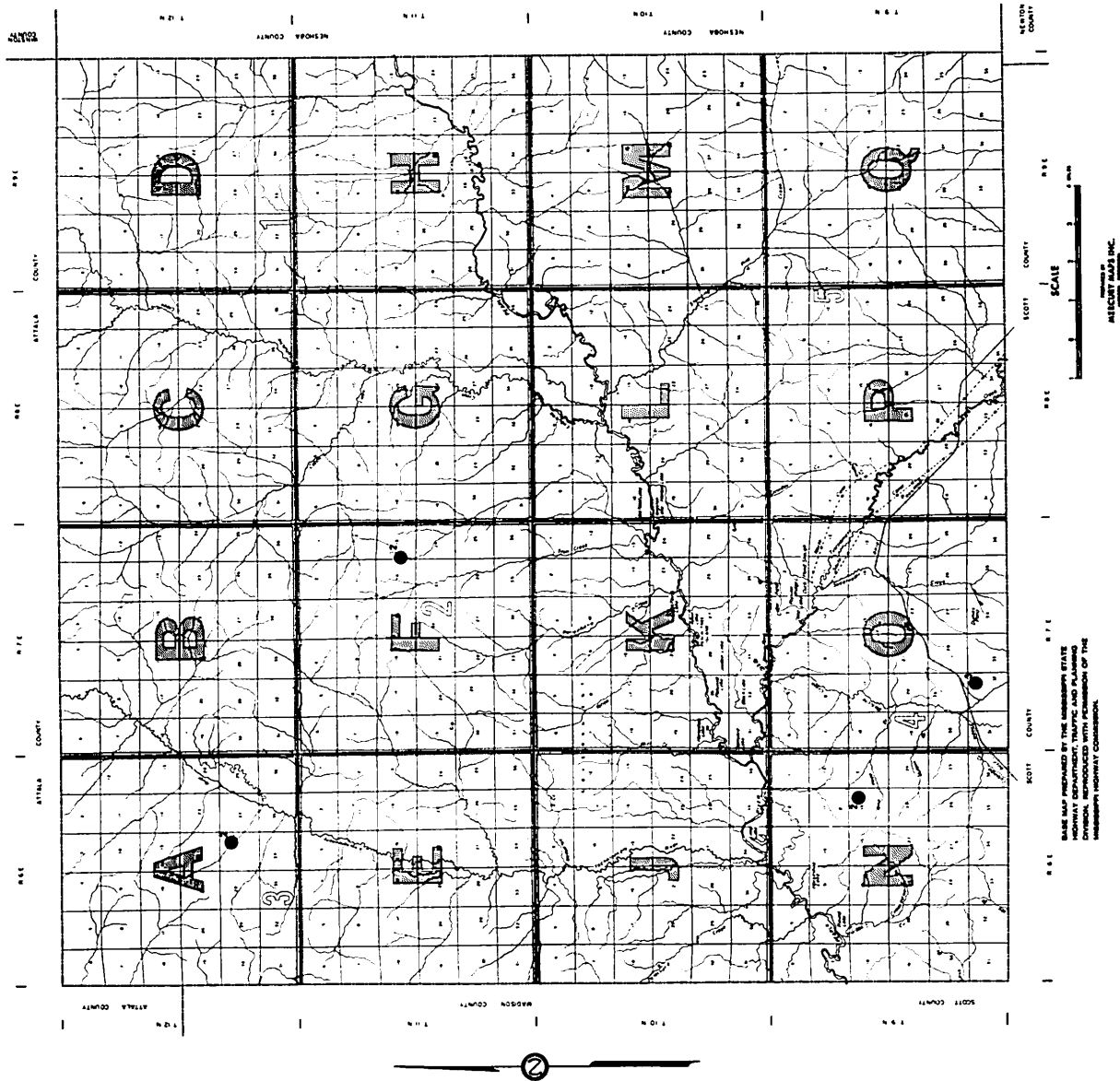


Figure 40.— Location of electrical logs in Leake County.

LEAKE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Thomastown Water Association	27-	12N- 6E	16' - 341'	B0G	11-15-82
F2	Lake Providence Water Association	13-	11N- 7E	10' - 967'	B0G	02-10-84
N2	Southwest Leake Water Association	14-	9N- 6E	10' - 509'	B0G	04-09-81
03	City of Lena	32-	9N- 7E	10'-1385'	B0G	04-02-81

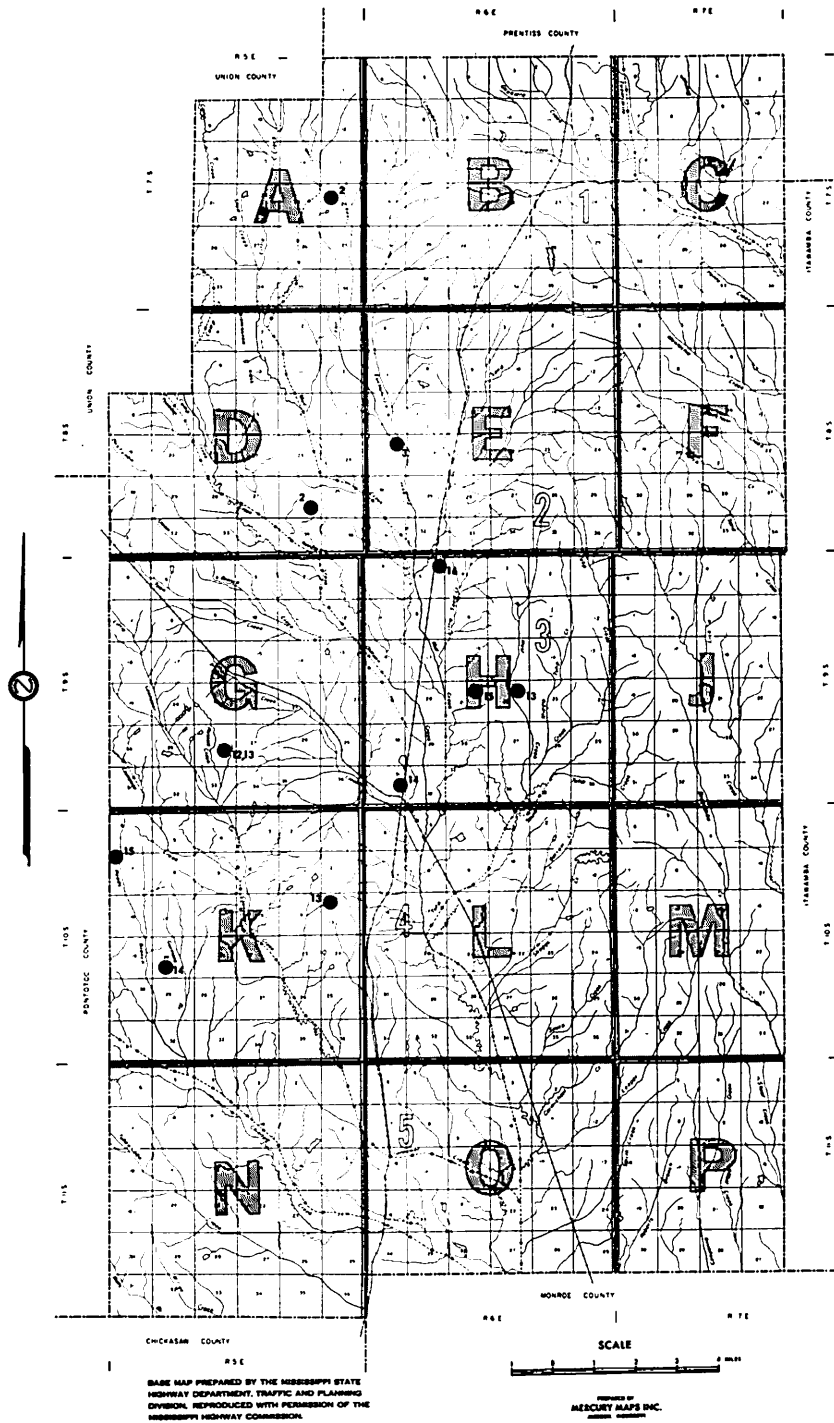


Figure 41.— Location of electrical logs in Lee County.

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	North Lee Water Association	24-	7S- 5E	68' - 647'	B0G	01-27-84
D2	North Lee Water Association	26-	8S- 5E	10' - 691'	B0G	02-02-81
E3	Turner Industrial Park	19-	8S- 6E	10' - 480'	B0G	02-25-82
G12	Baldovin	28-	9S- 5E	10' - 596'	B0G	06-28-84
G13	City of Tupelo	28-	9S- 5E	17' - 887'	B0G	07-20-84
G13	City of Tupelo	28-	9S- 5E	920' - 2000'	USGS	08-18-84
H13	City of Tupelo	22-	9S- 6E	50' - 622'	B0G	08-04-81
H14	Lee County Board of Supervisors	31-	9S- 6E	42' - 403'	B0G	02-14-84
H15	City of Tupelo	21-	9S- 6E	10' - 676'	B0G	07-23-81
H16	North Lee Water Association #2	5-	9S- 6E	102' - 584'	B0G	11-20-84
K13	City of Tupelo	13-	10S- 5E	220' - 636'	B0G	02-08-82
K14	Fred Murphey	20-	10S- 5E	71' - 640'	B0G	04-27-83
K15	Palmetto Water Association	7-	10S- 5E	42' - 760'	B0G	02-14-84

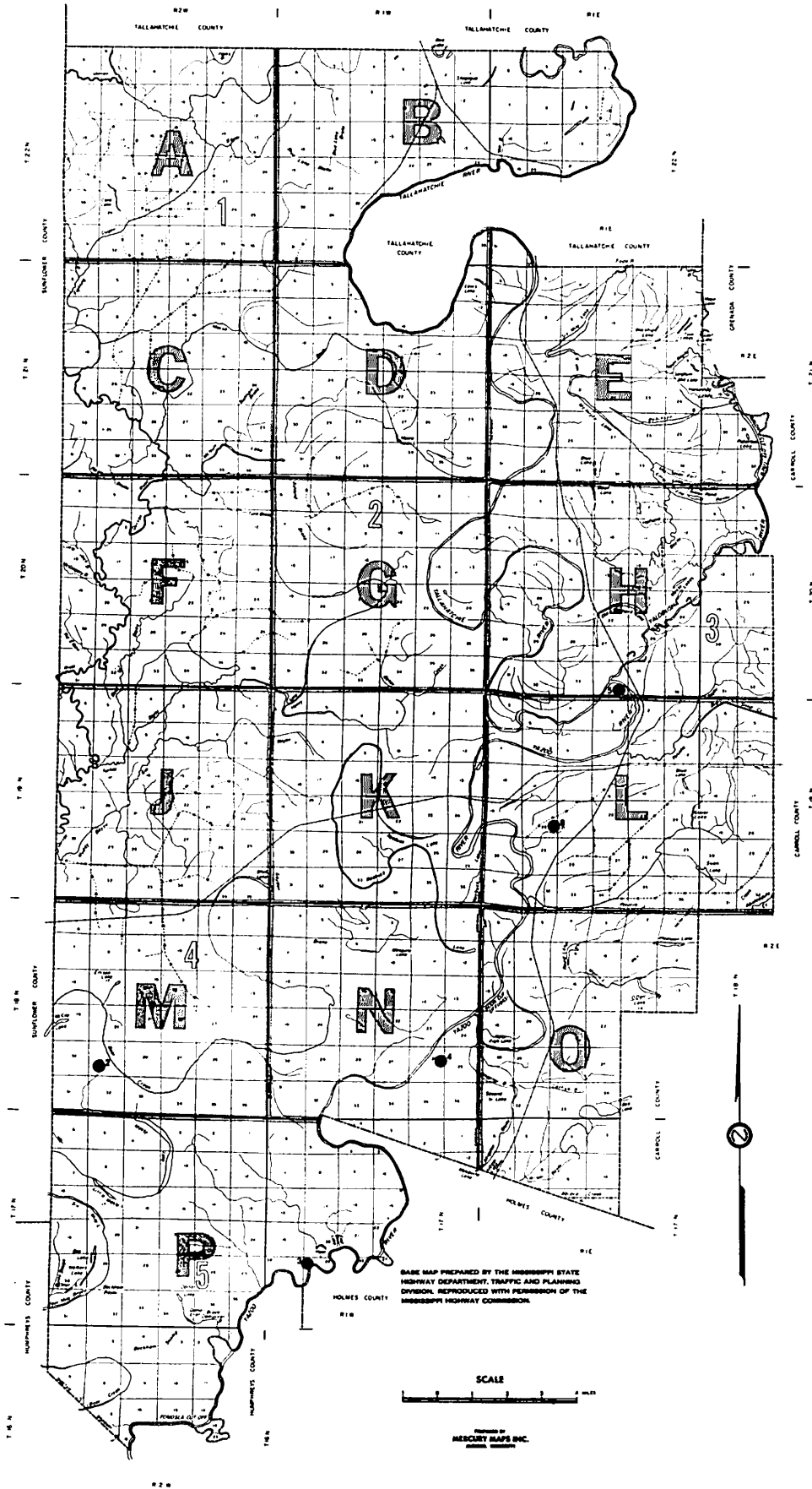


Figure 42.— Location of electrical logs in Leflore County.

LEFLORE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
H5	Ralph Guy Smith	34-	20N- 1E	40' - 627'	B0G	09-17-79
L8	City of Greenwood	20-	19N- 1E	42' - 925'	B0G	08-11-84
M2	Robinson Deadeney Plantation	29-	18N- 2W	854'-1157'	B0G	09-22-83
N4	Phillipstown Water Association	26-	18N- 1W	50'-1120'	B0G	02-23-83
P3	Charles Coker	29-	17N- 1W	10'-1214'	B0G	02-24, 03-03-82

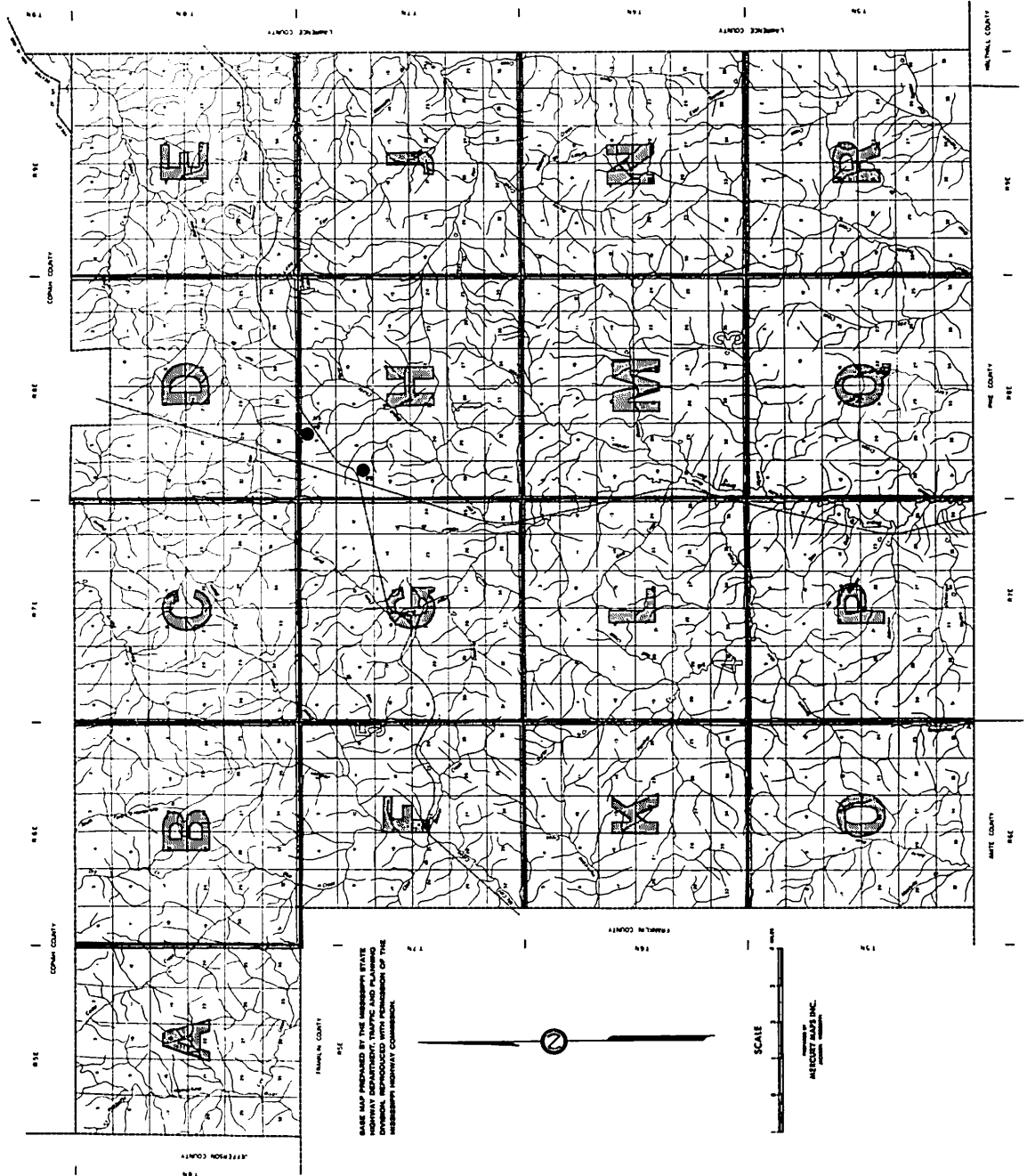


Figure 43.- Location of electrical logs in Lincoln County.

LINCOLN

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
H3	Town of Brookhaven	7-	7N-	8E	25' - 168'	B0G	09-10-79
H4	Town of Brookhaven Well #8	5-	7N-	8E	170' - 1511'	B0G	02-27-81
H5	Town of Brookhaven Well #8	5-	7N-	8E	250' - 982'	B0G	08-10-81

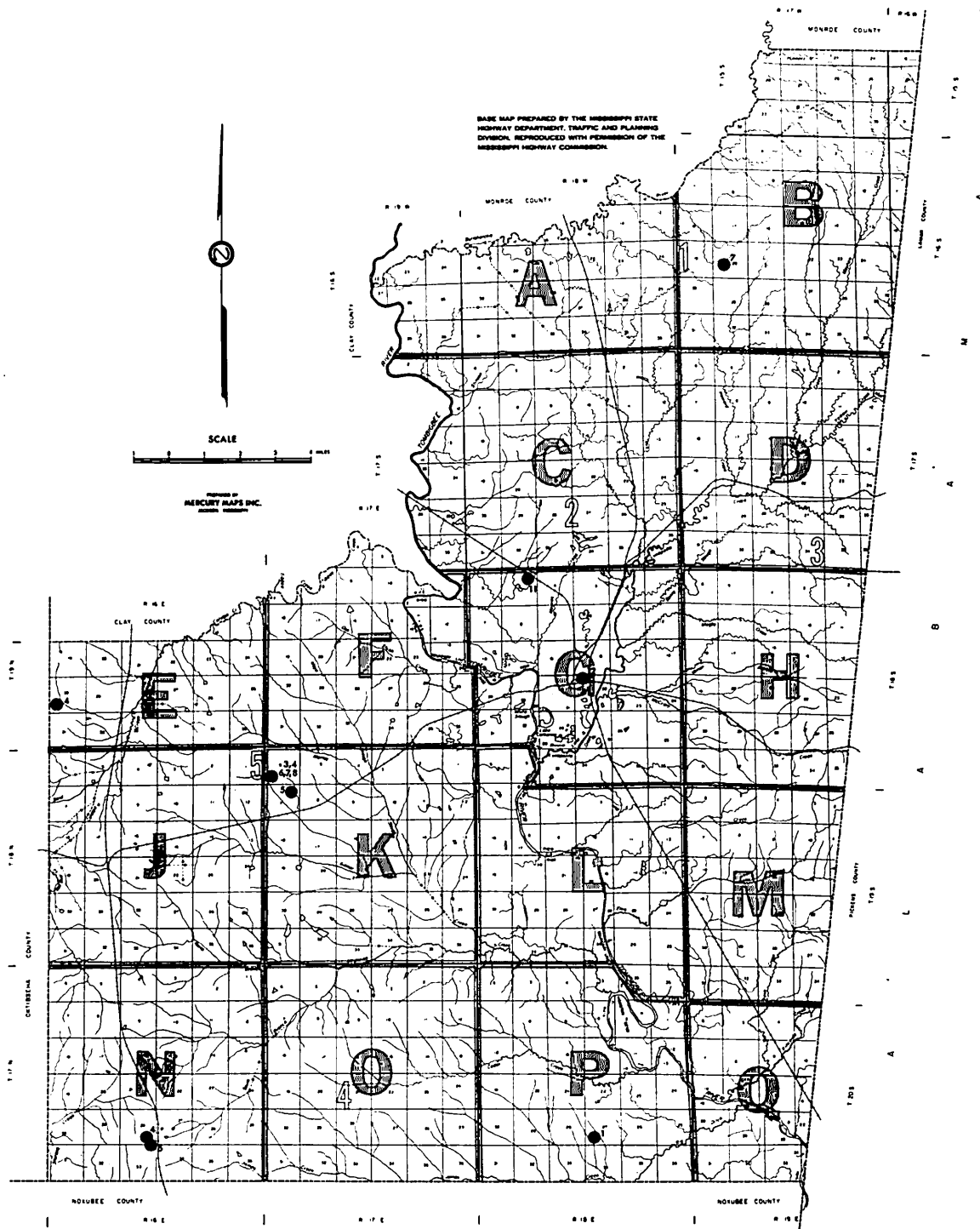


Figure 44.— Location of electrical logs in Lowdes County.

LOWNDES

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B7	City of Caledonia	20-	16S- 17W	57' - 411'	B0G	05-16-84
E4	Golden Triangle Water Association	30-	19N- 16E	120' - 479'	B0G	06-08-81
G11	Luxapallila Recreation Area	5-	18S- 18W	50' - 280'	B0G	07-01-82
G12	Seminole Manufacturing	22-	18S- 18W	52' - 545'	B0G	09-14-84
K3	Golden Triangle Industrial Park Test Hole #1	6-	18N- 17E	260' - 989'	M6S	06-08-79
K4	Golden Triangle Industrial Park Test Hole #3	6-	18N- 17E	358' - 734'	M6S	06-15-79
K5	Golden Triangle Industrial Park Test Hole #2	7-	18N- 17E	320' -1310'	M6S	06-20-79
K6	Golden Triangle Industrial Park Well #1	6-	18N- 17E	10' -1393'	B0G	11-06-79
K7	Golden Triangle Industrial Park Test Hole #4	6-	18N- 17E	17' -1383'	B0G	06-25-80
K8	Golden Triangle Industrial Park Well #2	6-	18N- 17E	0' - 336'	USGS	11-28-79
N4	Mississippi Resources (Gamma Log)	28-	17N- 16E	10' - 557'	B0G	01-07-80
N5	City of Crawford	28-	17N- 16E	10' -1269'	B0G	03-21-84
P1	Harvey Becker	27-	17N- 18E	140' - 780'	B0G	09-29-81

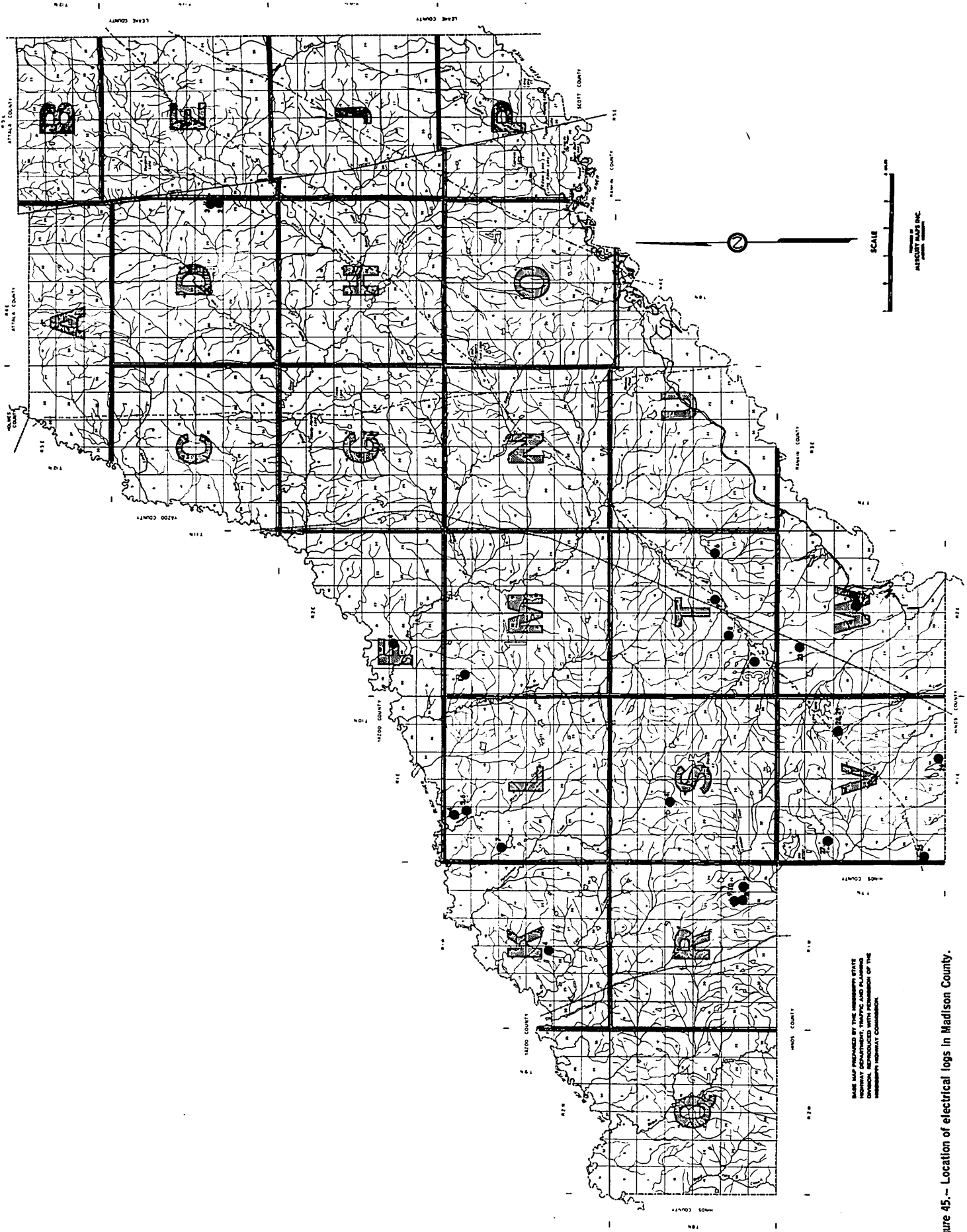


Figure 45. - Location of electrical logs in Madison County.

MADISON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D2	Big Black Water Association	24-	11N- 4E	60' -1415'	BOG	10-27-83
D3	Big Black Water Association	24-	11N- 4E	1180' -1218'	BOG	01-03-84
F4	Theo Costas	29-	10N- 2E	42' - 360'	BOG	10-09-84
K4	Kearny Park Land Company	21-	9N- 1W	47' -1453'	BOG	04-05-84
L4	Harry Stewart	5-	9N- 1E	17' - 585'	BOG	03-12-82
L5	Harry Stewart #2	5-	9N- 1E	68' - 560'	BOG	05-26-83
L6	Harry Stewart #3	5-	9N- 1E	29' - 516'	BOG	05-30-83
L7	Harold Tyner	18-	9N- 1E	62' -1351'	BOG	09-27-84
M1	T-P Farm Test #1	6-	9N- 2E	16' - 820'	BOG	12-17-81
R7	Lee Nutt	25-	8N- 1W	21' - 819'	MGS	01-17-79
R8	Patty Nail	26-	8N- 1W	10' - 742'	BOG	10-15-80
R9	Lonnie Johnson	26-	8N- 1W	42' - 760'	BOG	01-16-84
R10	Lonnie Johnson	26-	8N- 1W	38' - 790'	BOG	02-03-84
S4	Town of Flora	16-	8N- 1E	46' -1040'	LAYNE	02-03-84
T6	J. D. Rankin	24-	8N- 2E	10' - 576'	MGS	03-14-79
T7	Dred Porter	32-	8N- 2E	303' - 590'	BOG	06-26-81
T8	City of Canton Water Facility Well #1	28-	8N- 2E	4' -1182'	BOG	09-12-80
T9	Mr. Stuckey	22-	8N- 2E	10' -1100'	BOG	08-23-84

MADISON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
V25	Brown & Ferris Industries	31-	7N- 1E	41'- 556'	B0G	10-19-79
V26	United Sprinkler System	34-	7N- 1E	10'- 468'	B0G	04-22-80
V27	Billy Thompson	7-	7N- 1E	474'- 535'	B0G	12-10-81
V28	Mel Hensley	14-	7N- 1E	10'- 218'	B0G	05-24-82
V29	Mel Henley	14-	7N- 1E	10'- 212'	B0G	07-23-82
W22	Bear Creek Water Association Well #4	15-	7N- 2E	22'- 807'	B0G	10-05-79
W23	S. Scyler	5-	7N- 2E	10'- 698'	B0G	10-29-80

1 Reduced copy 1" to 100' only

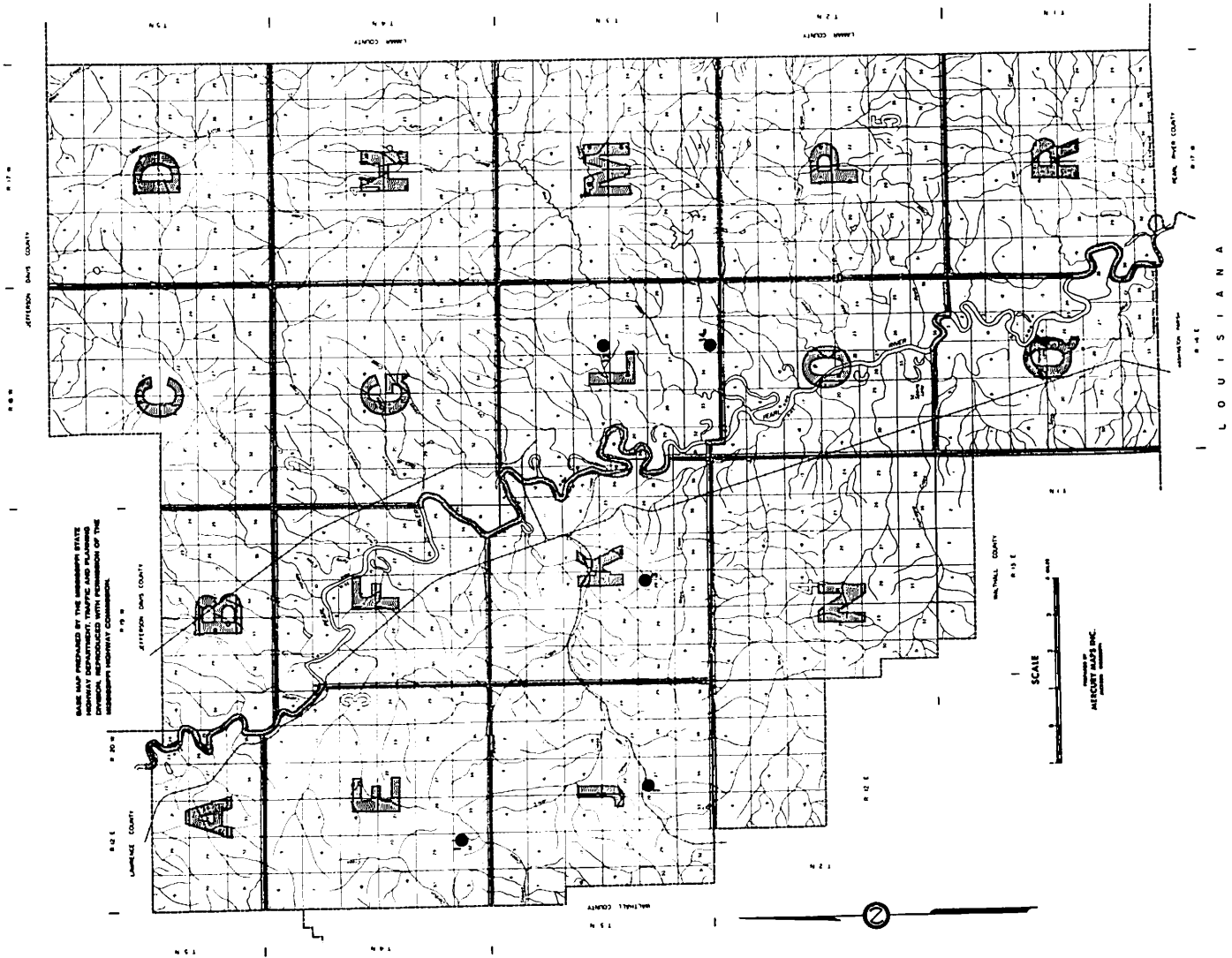


Figure 46.— Location of electrical logs in Marion County.

MARION

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E1	Magee Water Association	32-	4N- 12E	42'- 527'	BOG	03-20-82
J1	Kokomo-Shiloh Water Association	27-	3N- 12E	20'-1481'	BOG	04-17-81
K3	West Marion Water Association #1	28-	3N- 13E	10'-1610'	BOG	05-30-80
L13	Lampton Water Association #2	14-	3N- 18W	30'- 220'	BOG	04-11-79
L14	Hub Water Association	35-	3N- 18W	74'-1034'	BOG	02-22-84

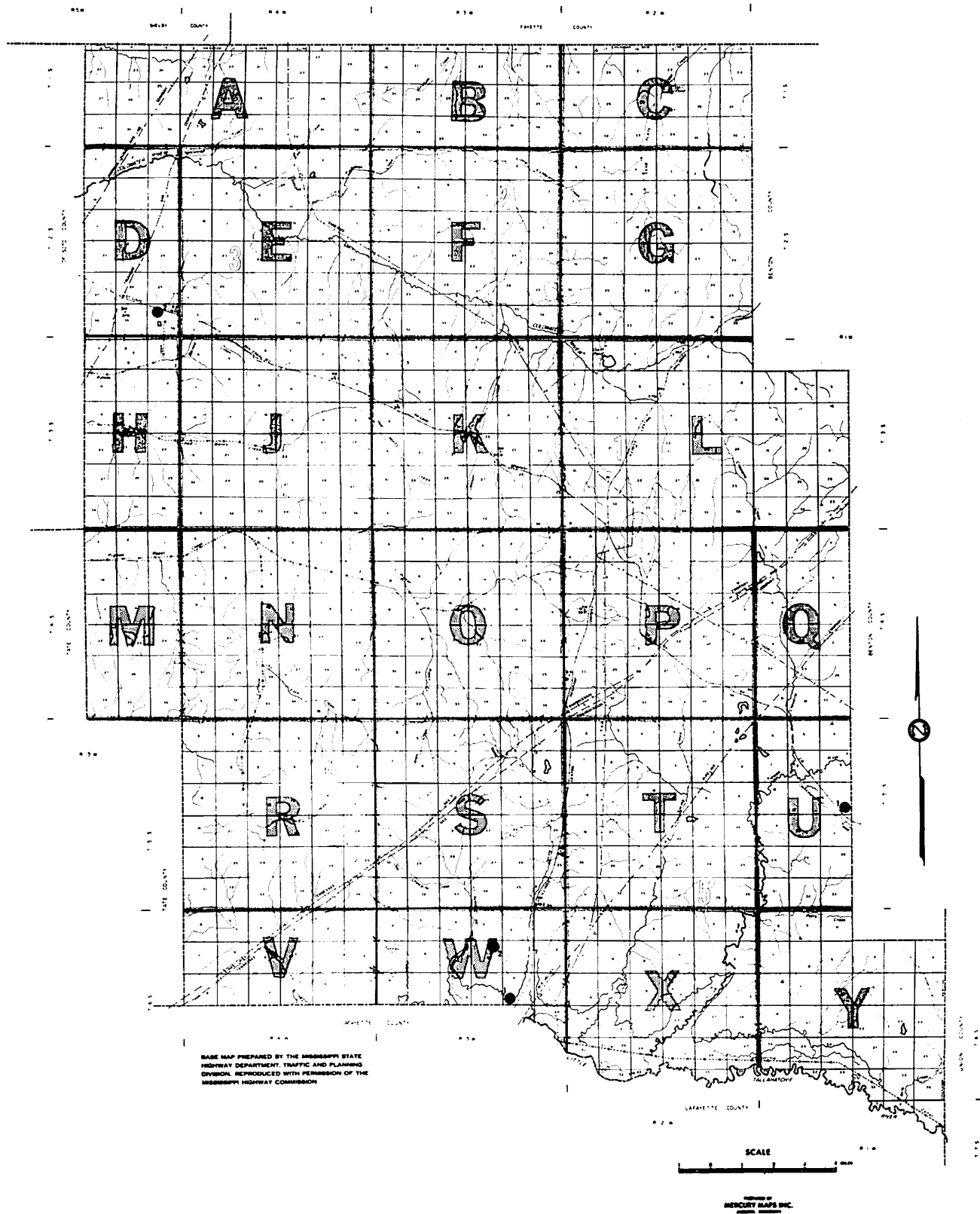
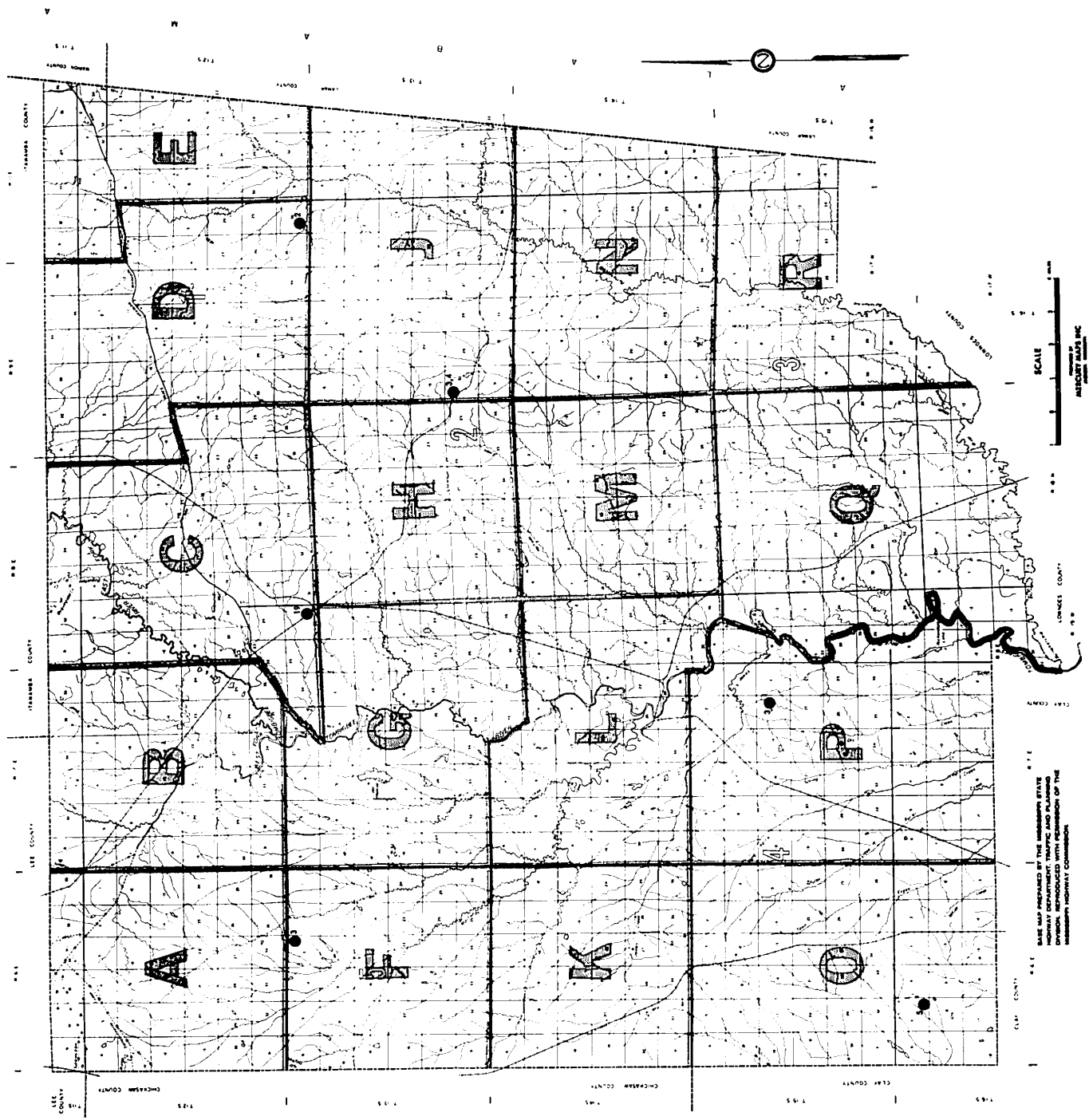


Figure 47.— Location of electrical logs in Marshall County.

MARSHALL

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D2	Town of Byhalia	36-	2S- 5W	400' -1700'	B0G	10-28-82
U1	City of Potts Camp #2	16-	5S- 1W	293' - 802'	MGS	04-18-79
W1	MMRI LTH 81-12	14-	6S- 3W	11' - 90'	B0G	04-13-82
W2	MMRI LTH 81-13	10-	6S- 3W	1.5' - 130'	B0G	04-14-82



BASE MAP PREPARED BY THE MISSISSIPPI STATE
 HIGHWAY DEPARTMENT, TRAFFIC AND PLANNING
 DIVISION, REPRODUCED WITH PERMISSION OF THE
 MISSISSIPPI HIGHWAY COMMISSION.

Figure 48.— Location of electrical logs in Monroe County.

MONROE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C19	True Temper, Incorporated	36-	12S- 19W	8' - 25'	MGS	02-14-79
D2	Quincy Water Association Well #4	36-	12S- 17W	10' - 135'	B0G	12-20-79
F3	Wren Water Association	3-	13S- 6E	50' - 392'	B0G	08-30-82
J3	Quincy Water Association Well #2	30-	13S- 17W	10' - 441'	B0G	11-28-79
J4	Quincy Water Association Well #3	30-	13S- 17W	10' - 439'	B0G	12-11-79
O5	Siloam Water Association	5-	16S- 6E	50' - 496'	B0G	07-05-83
O5	Siloam Water Association (Gamma Log)	5-	16S- 6E	10' - 496'	B0G	07-05-83
P3	Bill Fortner	14-	15S- 7E	10' - 331'	B0G	07-21-81

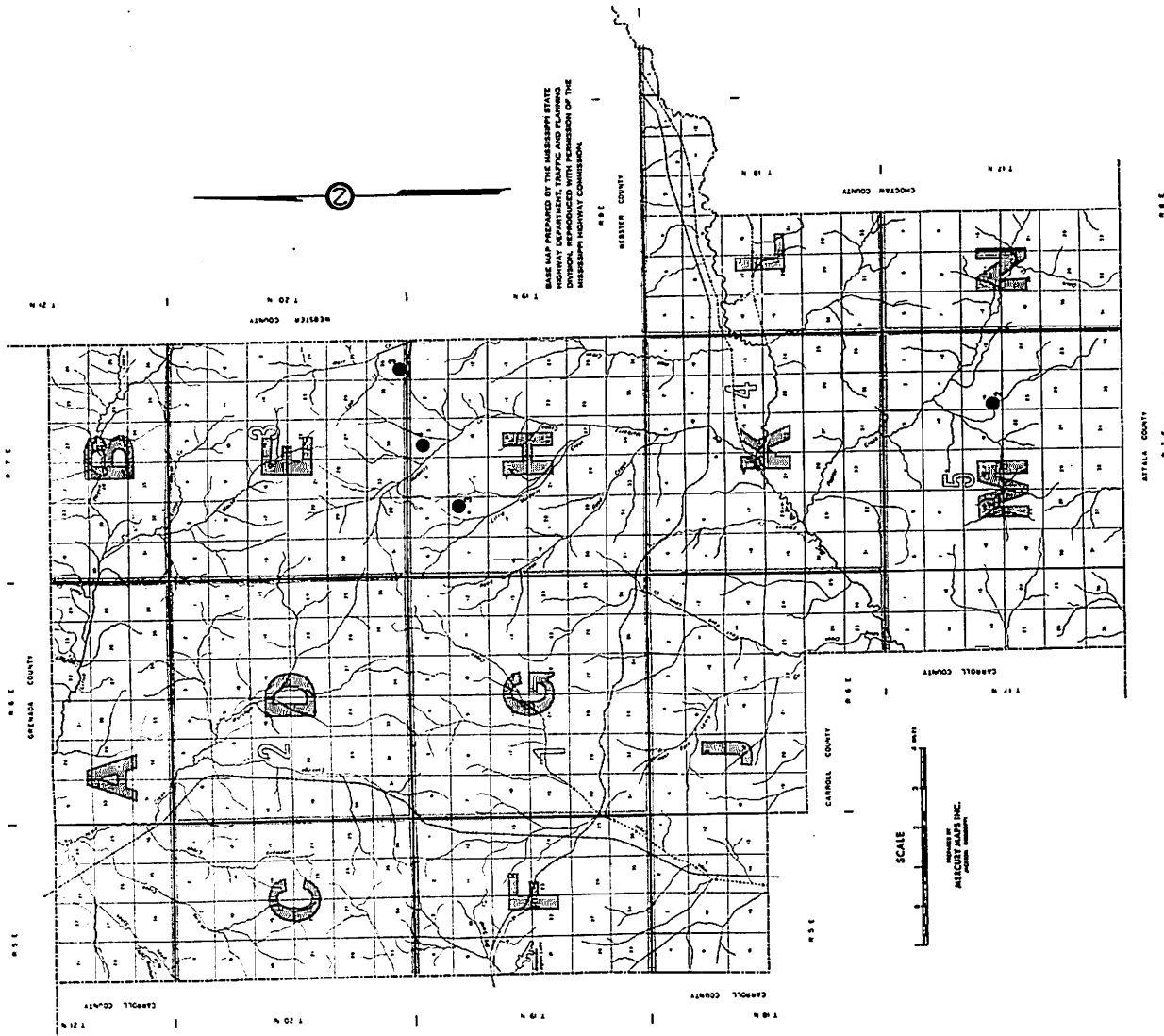


Figure 49. -- Location of electrical logs in Montgomery County.

MONTGOMERY

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E3	Hayes Creek Water Association Well #3	36-	20N- 7E	50'-1000'	BOG	11-03-82
H3	Hayes Creek Water Association Well #2	8-	19N- 7E	15'- 861'	MGS	06-07-79
H4	Hayes Creek Water Association Well #4	3-	19N- 7E	60'- 866'	BOG	12-07-82
M2	O. D. McElroy	14-	17N- 7E	10'- 434'	BOG	11-02-79

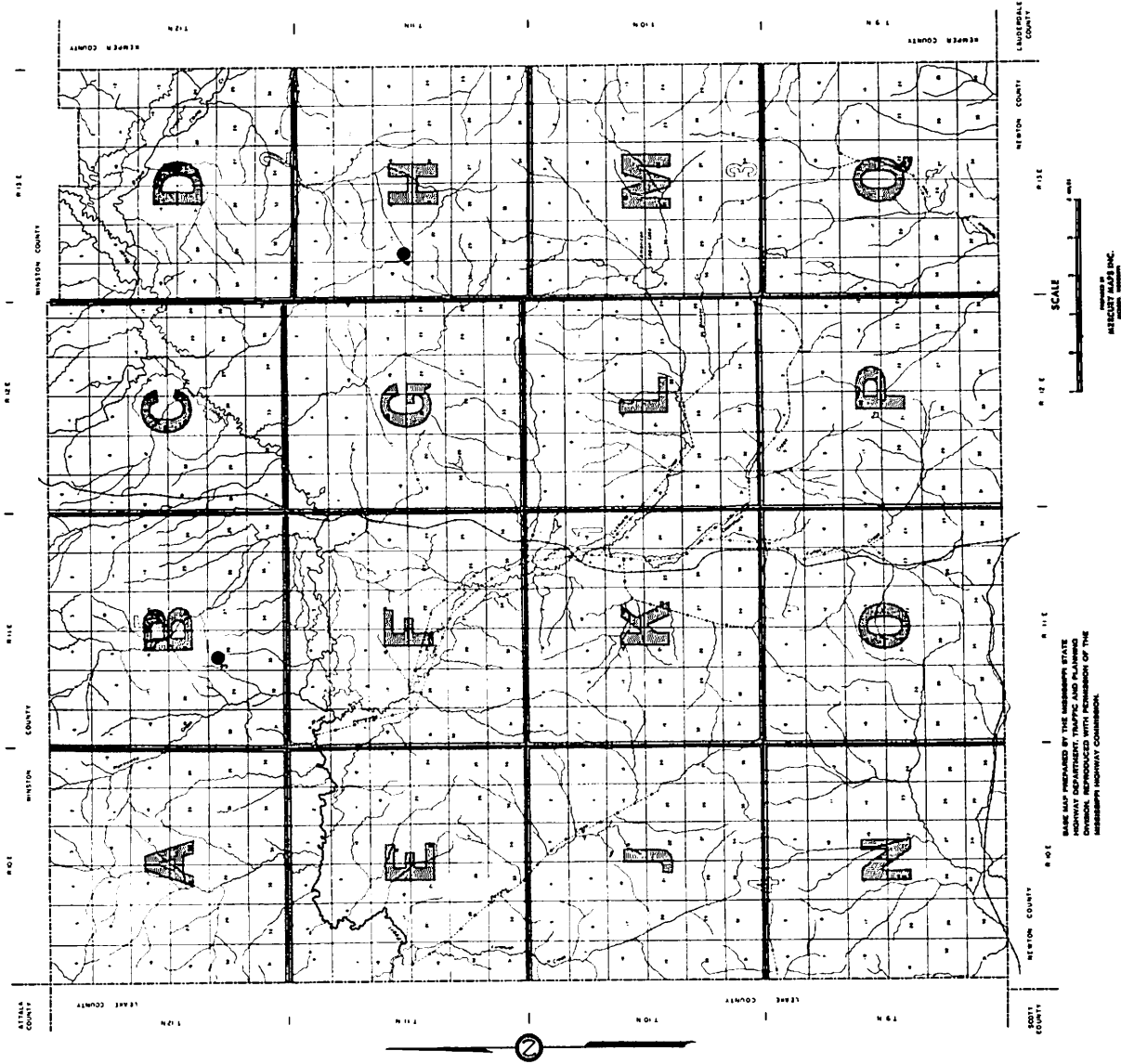
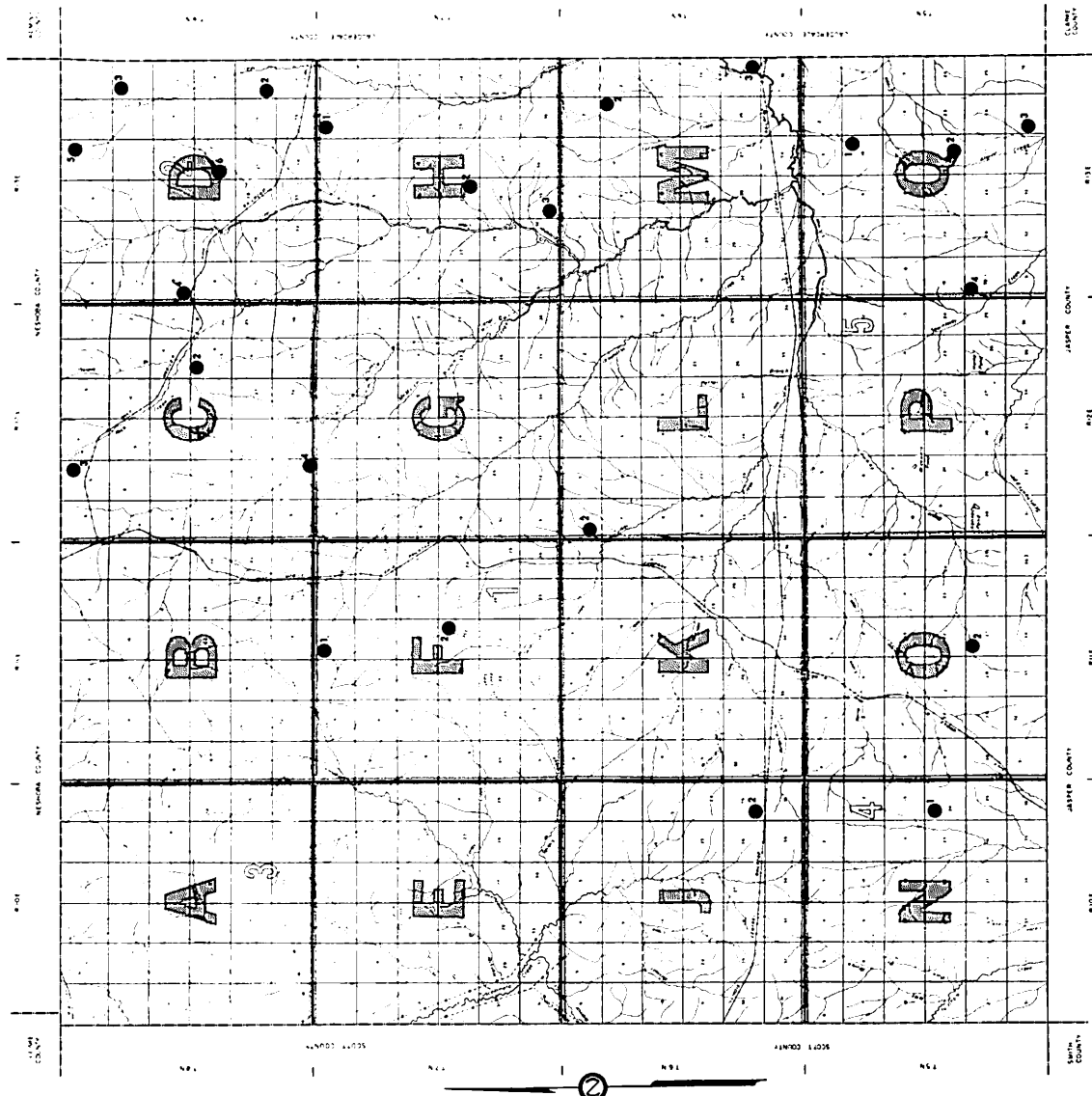


Figure 50.— Location of electrical logs in Neshoba County.

NESHOBA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B3	Arlington Water Association	28-	12N- 11E	20'- 802'	BOG	05-21, 07-07-82
H4	Central Water Association	17-	11N- 13E	10'- 685'	BOG	11-13-80



SCALE
0 1 2 3 4 5
MILE

THIS MAP PREPARED BY THE MISSISSIPPI STATE HIGHWAY DEPARTMENT TRAFFIC AND PLANNING DIVISION. REPRODUCED WITH PERMISSION OF THE MISSISSIPPI HIGHWAY COMMISSION.

MISSISSIPPI
STATE HIGHWAY
COMMISSION

NEWTON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C2	Beulah-Hubbard Water Association #2	23-	8N- 12E	40'-1044'	LAYNE-CENTRAL	12-09-80
C3	Newton County Test Hole A. O. #5	5-	8N- 12E	20'- 270'	B0G	10-20-82
C4	Newton County Test Hole A. O. #17	32-	8N- 12E	0'- 265'	B0G	07-26-83
D2	Duffee Water Asociation #2	25-	8N- 13E	20'- 995'	MGS	05-29-79
D3	Newton County Test Hole A. O. #3	12-	8N- 13E	20'- 270'	B0G	09-24-82
D3	Newton County Test Hole A. O. #3 (Gamma Log)	12-	8N- 13E	10'- 270'	B0G	09-24-82
D4	Newton County Test Hole A. O. #18	18-	8N- 13E	0'- 210'	B0G	07-27-83
D5	Newton County Test Hole A. O. #19	3-	8N- 13E	0'- 149'	B0G	08-02-83
D6	Newton County Test Hole A. O. #20	22-	8N- 13E	0'- 99'	B0G	11-29-83
F1	Newton County Test Hole A. O. #1	3-	7N- 11E	10'- 309'	B0G	09-16-82
F1	Newton County Test Hole A. O. #1 (Gamma Log)	3-	7N- 11E	10'- 309'	B0G	09-16-92
F2	Newton County Test Hole A. O. #2	22-	7N- 11E	10'- 310'	B0G	09-17-82
F2	Newton County Test Hole A. O. #2 (Gamma Log)	22-	7N- 11E	10'- 310'	B0G	09-17-82
H1	Newton County Test Hole A. O. #8	2-	7N- 13E	16'- 148'	B0G	11-16-82
H2	Newton County Test Hole A. O. #9	21-	7N- 13E	15'- 157'	B0G	06-07-83
H3	Newton County Test Hole A. O. #10	33-	7N- 13E	20'- 320'	B0G	06-08-83

NEWTON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
J2	Lawrence Water Association #1	25-	6N- 10E	6' - 497'	MGS	02-07-68
L2	Newton County Test Hole A. O. #21	6-	6N- 12E	0' - 182'	BOG	12-14-83
M2	Duffee Water Association #3	11-	6N- 13E	10' - 342'	MGS	03-30-79
M3	Newton County Test Hole A. O. #11	25-	6N- 13E	20' - 170'	BOG	06-09-83
N1	Newton County Test Hole A. O. #7	24-	5N- 10E	16' - 368'	BOG	11-09-82
O2	Hughes and Hughes	27-	5N- 11E	40' - 625'	BOG	12-09-81
Q1	Newton County Test Hole A. O. #13	10-	5N- 13E	17' - 150'	BOG	06-16-83
Q2	Newton County Test Hole A. O. #14	22-	5N- 13E	0' - 336'	BOG	06-30-83
Q3	Newton County Test Hole A. O. #15	35-	5N- 13E	18' - 300'	BOG	07-05-83
Q4	Newton County Test Hole A. O. #16	30-	5N- 13E	0' - 149'	BOG	07-07-83

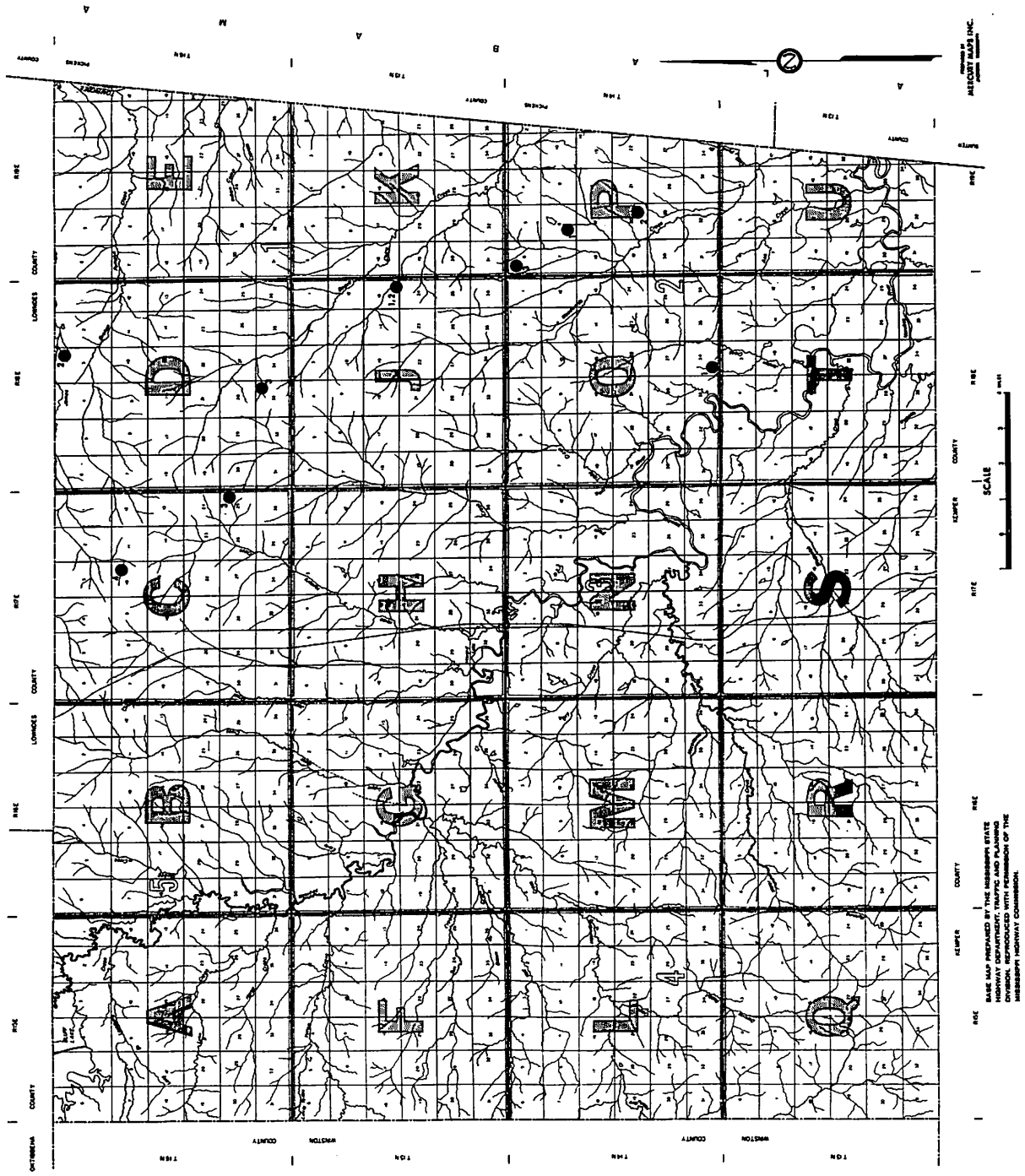


Figure 52.— Location of electrical logs in Noxubee County.

NOXUBEE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C3	Harvey Miller	25-	16N- 17E	10'-1616'	B0G	08-06-80
C4	Black Belt Experiment Station	10-	16N- 17E	499'-1268'	B0G	11-11-82
D2	Jerry Giesbrecht	3-	16N- 18E	10'- 606'	B0G	05-11-81
D3	Northeast Noxubee Water Association	33-	16N- 18E	470'-1047'	B0G	10-01-84
J1	Northeast Noxubee Water Association	13-	15N- 18E	550-1564'	B0G	03-07-83
J2	Northeast Noxubee Water Association	24-	15N- 18E	1000'-1674'	B0G	10-25-84
O1	Tobias Giesbrecht	34-	14N- 18E	10'-1240'	B0G	04-17-80
P1	Michel Ruebush	8-	14N- 19E	30'-1118'	MGS	04-20-79
P2	Leon Beecht	20-	14N- 19E	25'-1010'	B0G	07-20-81
P3	Larry Unruh	6-	14N- 19E	605'-1015'	B0G	02-25-82

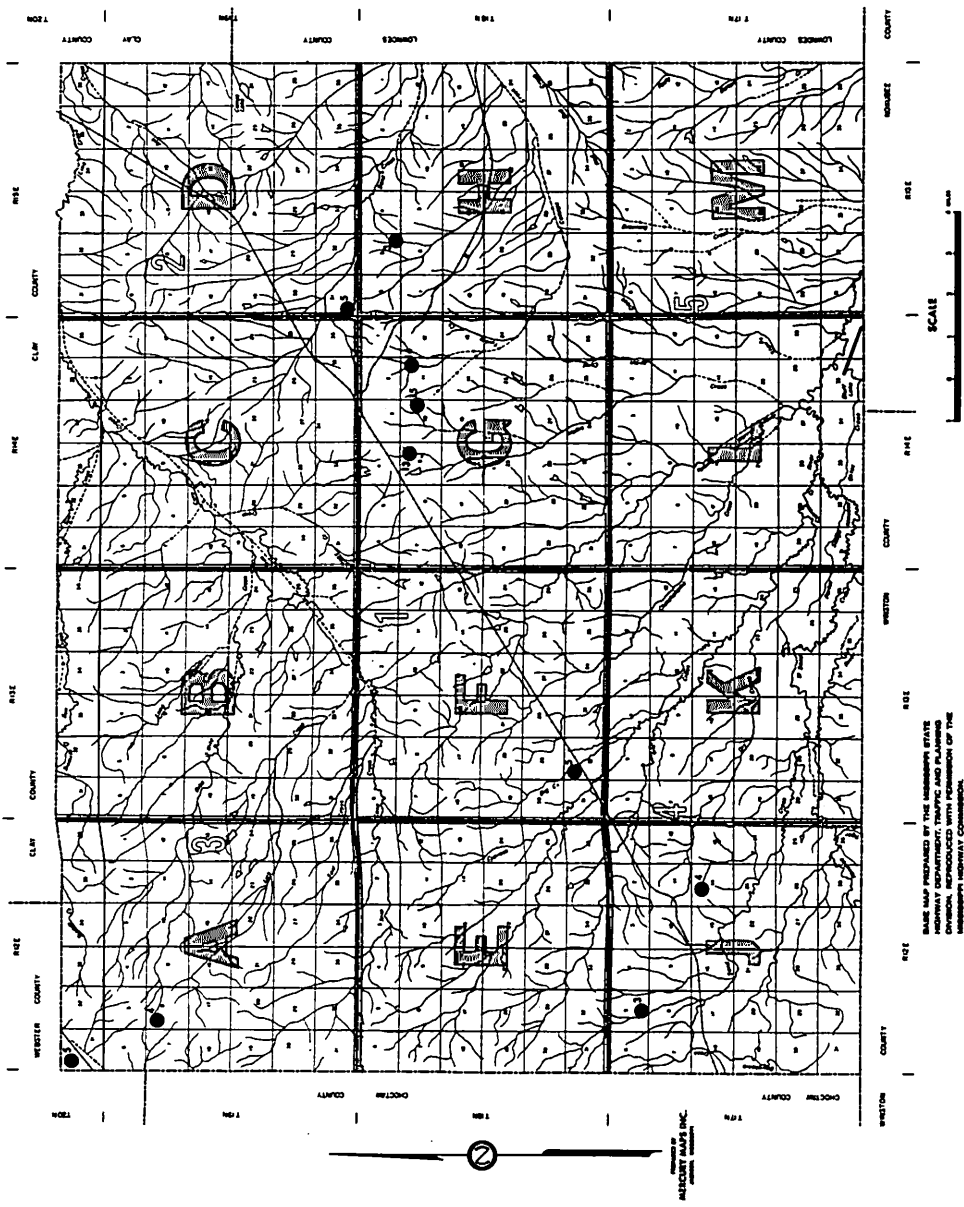


Figure 53.-- Location of electrical logs in Oktibbeha County.

OKTIBBEHA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A4	Double Springs Water Association #2	8-	19N- 12E	1550'-2178'	B0G	05-16, 05-20-80
A5	Town of Maben	31-	20N- 12E	10'-2170'	B0G	10-17-80
D5	Clayton Village #2	31-	19N- 15E	10'-1328'	B0G	03-11-80
F5	Bradley Water Association	32-	18N- 13E	1303'-1796'	B0G	12-09-80
G13	Phelps-Dodge Cable & Wire Company	9-	18N- 14E	30'-1546'	B0G	09-09-79
G14	Miss. State University	11-	18N- 14E	32'-1566'	B0G	05-05-83
G14	Miss. State University (Gamma Log)	11-	18N- 14E	20'-1566'	B0G	05-05-83
G15	City of Starkville	10-	18N- 14E	20'-1500'	B0G	06-07-83
H3	Black Jack Water Association	5-	18N- 15E	50'-1380'	B0G	04-14-82
J3	Wake Forest Water Association	5-	17N- 12E	42'-2258'	B0G	05-12-82
J4	Craig Springs Water Association	14-	7N- 12E	1700'-1870'	B0G	02-07-83

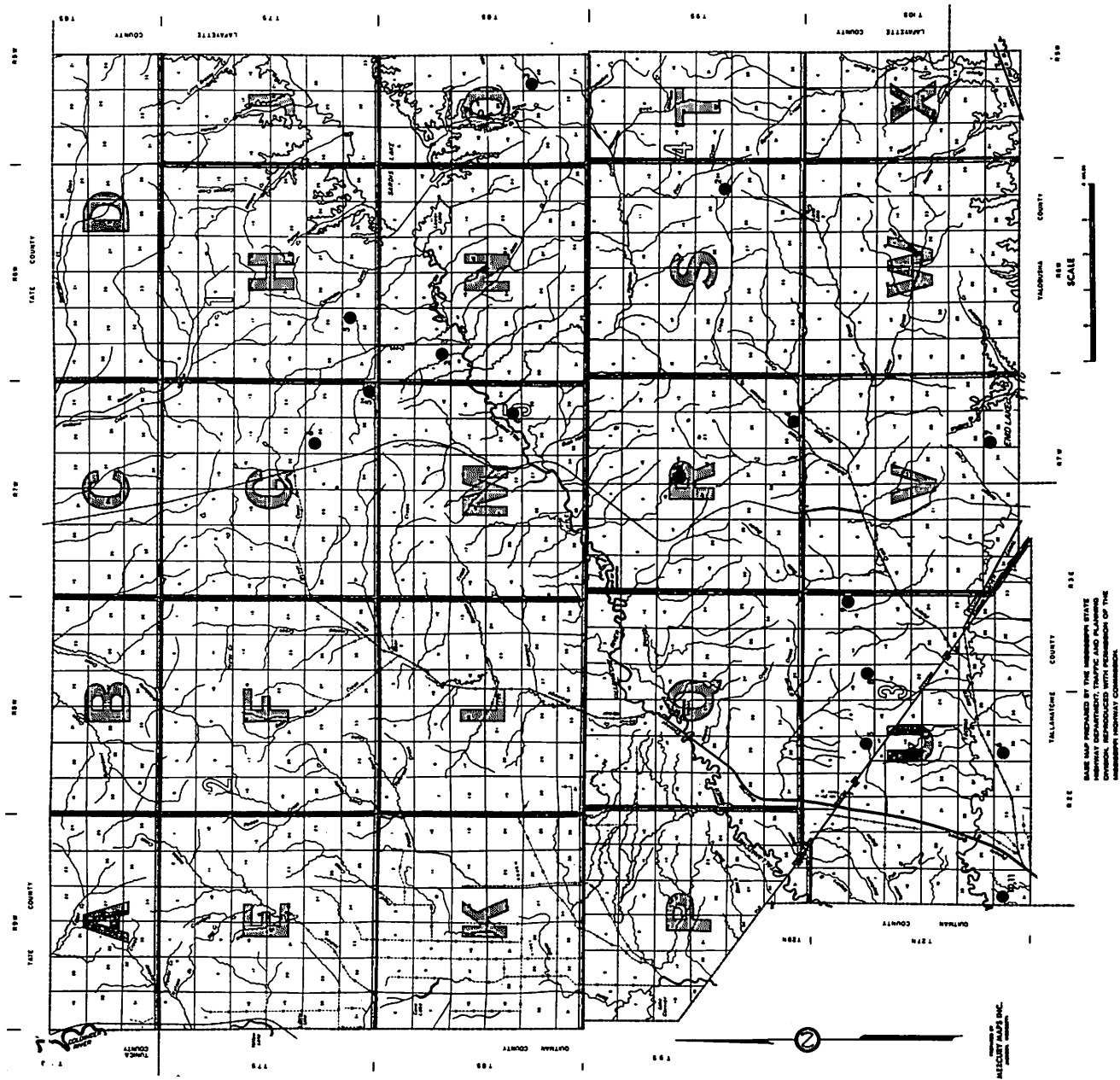


Figure 54.— Location of electrical logs in Parola County.

PANOLA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
G5	Green Brothers	36-	7S- 7W	10' - 383'	B0G	02-24-81
G6	City of Sardis	26-	7S- 7W	10' -1152'	B0G	05-18-81
H5	Panola-Union Water Association	32-	7S- 6W	10' - 993'	B0G	06-09-82
M6	Doc A. Brown U.S.D.A. Hole #H-14	24-	8S- 7W	10' - 40'	B0G	04-21-80
N3	Joe West U.S.D.A. Hole #T-6	7-	8S- 6W	10' - 59'	B0G	04-21-80
O3	Sardis Lake Community Water Association	28-	8S- 5W	10' - 867'	MGS	04-27-79
R4	MMRI LTH 81-07	35-	9S- 7W	16' - 130'	B0G	12-04-81
R5	City of Batesville	15-	9S- 7W	887' -1169'	B0G	11-10-83
S2	Mt. Olivet Water Association	24-	9S- 6W	10' - 324'	B0G	12-19-80
U5	MMRI LTH 81-02	8-	10S- 8W	45' - 119'	B0G	09-18-81
U6	MMRI LTH 81-03	35-	27N- 2E	16' - 150'	B0G	12-01-81
U7	MMRI LTH 81-04	14-	27N- 2E	16' - 100'	B0G	12-02-81
U8	MMRI LTH 81-05	10-	10S- 8W	16' - 110'	B0G	12-03-81
U9	MMRI LTH 81-06	12-	10S- 8W	16' - 100'	B0G	12-03-81
U10	Town of Crowder	31-	27N- 2E	42' - 926'	B0G	10-11-82
U11	Town of Crowder	31-	27N- 2E	50' - 921'	B0G	11-15-82
V7	Ray Lipe	35-	10S- 7W	139' - 960'	B0G	09-07-83

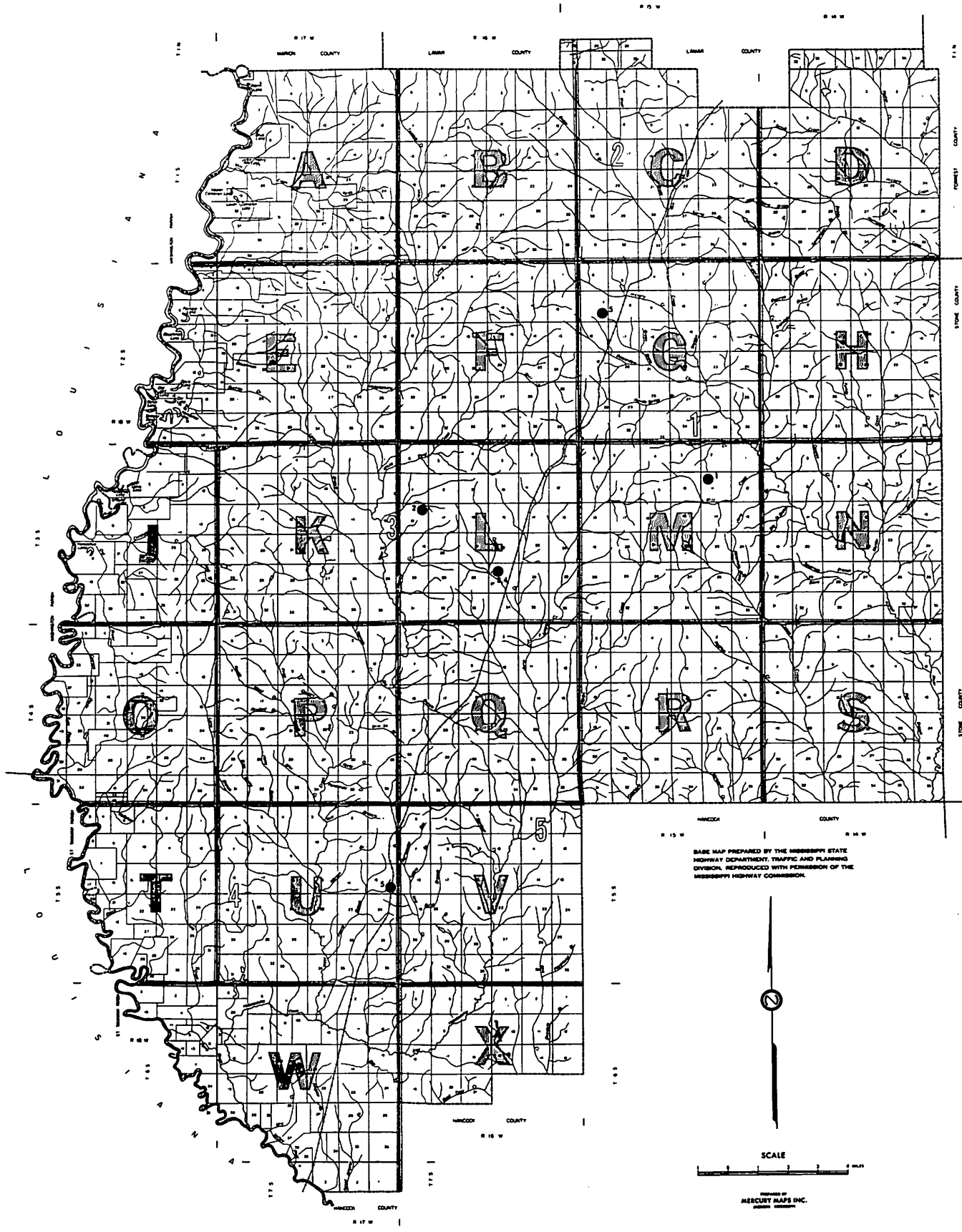


Figure 55.— Location of electrical logs in Pearl River County.

PEARL RIVER

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
G5	Tom Watson	7-	2S-	15W	46' -1558'	B0G	10-26, 10-29-82
L2	Pearl River Central Water Association T. H. #1 for Well #1	18-	3S-	16W	50' -1498'	B0G	08-28-81
L3	Pearl River Central Water Associaion #4	27-	3S-	16W	50' -1110'	B0G	11-03-81
L4	Pearl River Central Water Association #5	27-	3S-	16W	4' -1069'	B0G	11-06-81
M1	Center Water Association Well #1	11-	3S-	15W	13' -1197'	B0G	12-19-79, 01-02-80
U5	Pearl River Water Association	13-	5S-	17W	50' -1120'	B0G	07-21-81

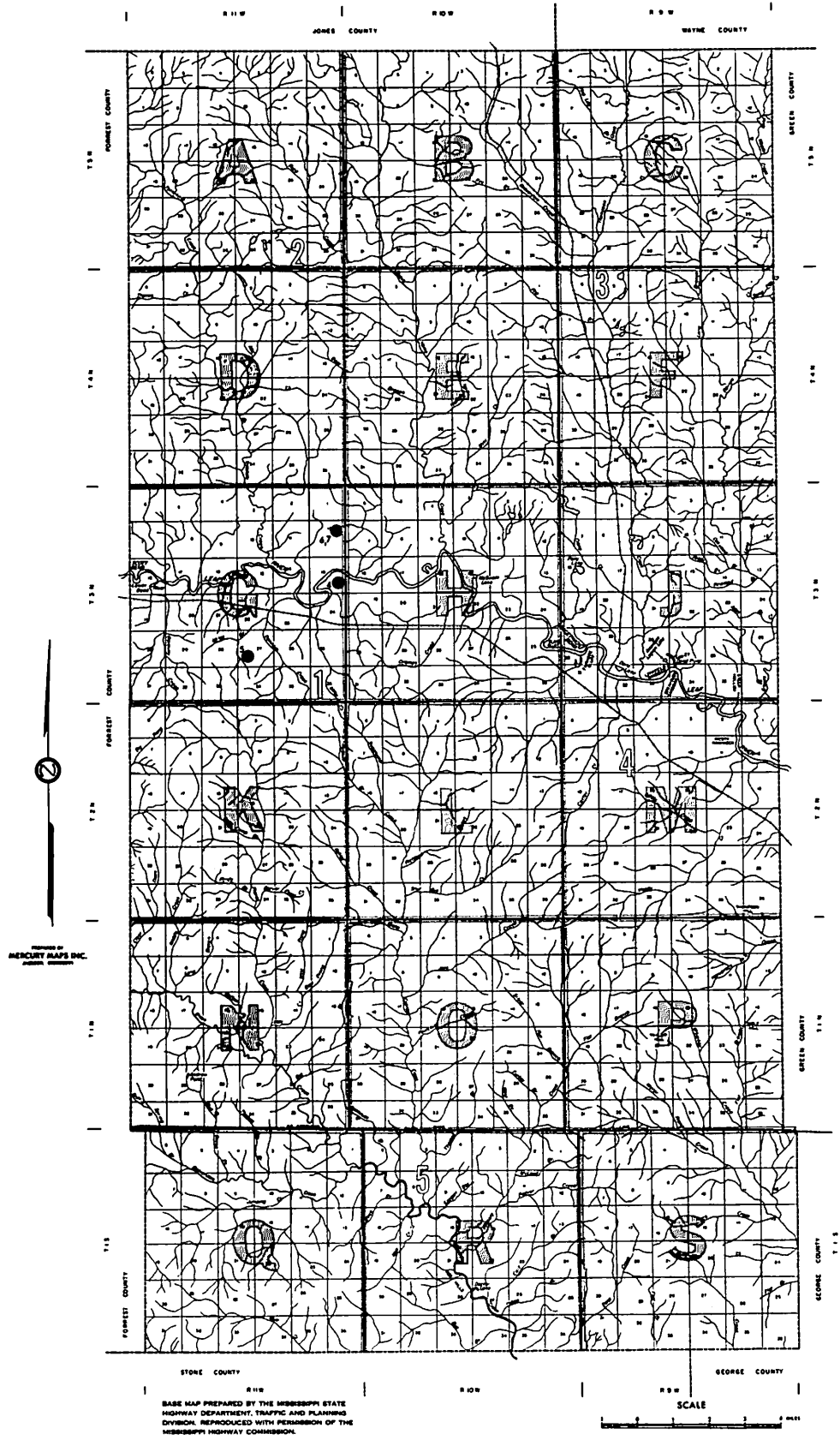


Figure 56.— Location of electrical logs in Perry County.

PERRY

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
G4	Otis Hinton	13-	3N-	11W	10' - 685'	B0G	10-12-79
G5	George Solomon	27-	3N-	11W	10' - 582'	B0G	10-19-79
G6	Leaf River Pulpwood Mill	12-	3N-	11W	20' - 519'	B0G	08-23-82
G7	Leaf River Pulpwood Mill	12-	3N-	11W	60' - 518'	B0G	11-17-82

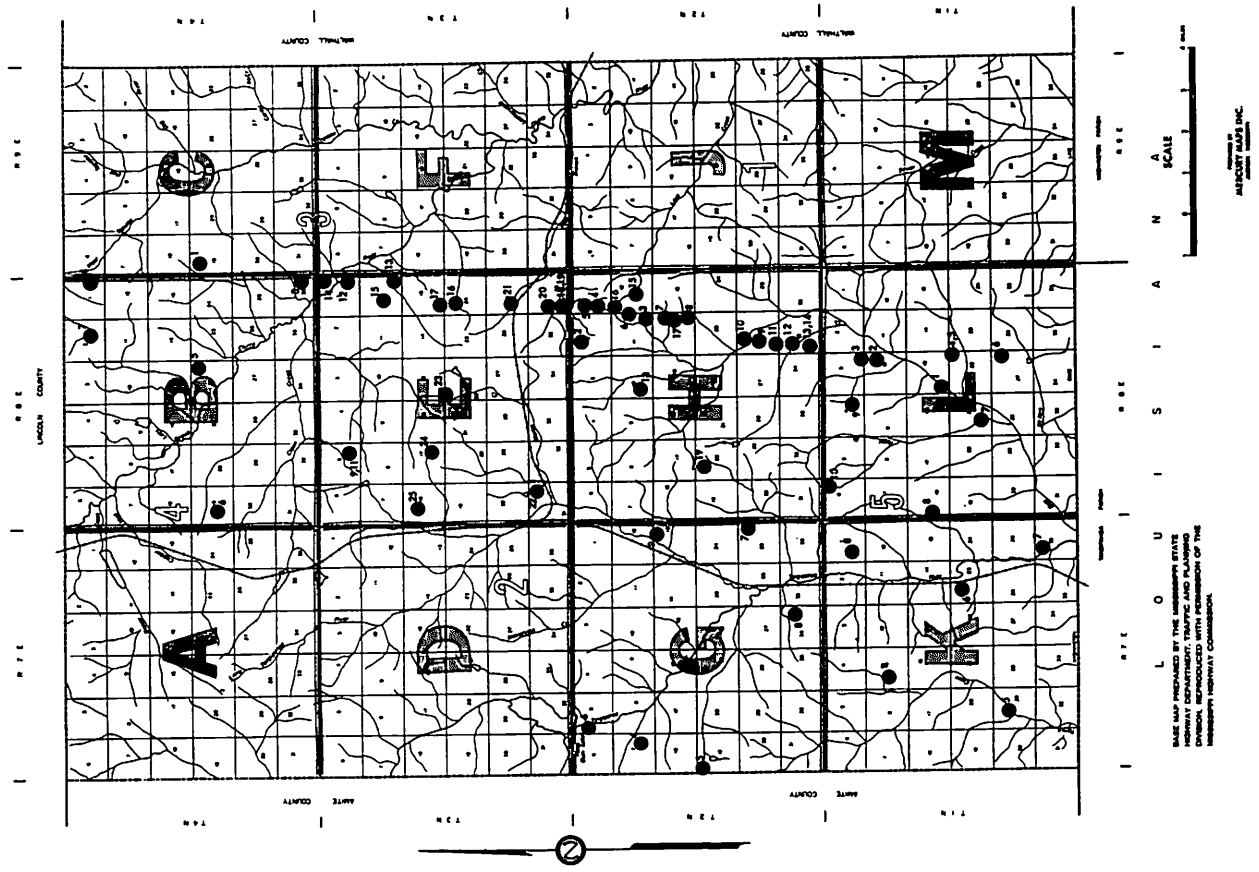


Figure 57.— Location of electrical logs in Pike County.

PIKE

FILE NO.
MGS - USGS

	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B3	Shell Oil Test Hole Sta 1277	36-	4N- 8E	43'- 200'	B0G	01-04-84
B4	Shell Oil Test Hole Sta 1233	1-	4N- 8E	40'- 199'	B0G	01-06-84
B5	Wayne Busby	22-	4N- 8E	42'-1020'	B0G	05-04-84
B6	Southwest Miss. Jr. College Rotary Drilling School Test Hole	19-	4N- 8E	10'- 205'	B0G	07-02-84
B6	Southwest Miss. Jr. College Rotary Drilling School Test Hole (Gamma Log)	19-	4N- 8E	10'- 205'	B0G	07-02-84
B7	Shell Western E & T Little Creek Central Production Facility	2-	4N- 8E	40'- 505'	B0G	12-07-84
C1	Shell Oil Test Hole Sta 1397	19-	4N- 9E	93'- 272'	B0G	01-04-84
E9	Friendship Water Association T. H. #1 for Well #2	5-	3N- 8E	25'- 647'	B0G	08-17-79
E10	Friendship Water Association T. H. #2 for Well #2	5-	3N- 8E	25'- 898'	B0G	11-19-79
E11	Friendship Water Association T. H. #3 for Well #2	5-	3N- 8E	10'- 686'	B0G	12-03-79
E12	Shell Oil Test Hole Sta 1219	1-	3N- 8E	42'- 198'	B0G	01-05-84
E13	Shell Oil Test Hole Sta 1161	12-	3N- 8E	40'- 197'	B0G	01-05-84
E14	Shell Oil Test Hole Sta 1255	1-	3N- 8E	42'- 197'	B0G	01-05-84
E15	Shell Oil Test Hole Sta 1169	12-	3N- 8E	42'- 197'	B0G	01-06-84
E16	Shell Oil Test Hole Sta 1077	24-	3N- 8E	42'- 198'	B0G	01-07-84
E17	Shell Oil Test Hole Sta 1097	24-	3N- 8E	42'- 200'	B0G	01-07-84

PIKE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
E18	Shell Oil Test Hole Sta 955	36-	3N- 8E	42' - 199'	BOG	01-07-84
E19	Shell Oil Test Hole Sta 943	36-	3N- 8E	42' - 199'	BOG	01-07-84
E20	Shell Oil Test Hole Sta 951	36-	3N- 8E	44' - 124'	BOG	01-08-84
E21	Shell Oil Test Hole Sta 1019	25-	3N- 8E	42' - 195'	BOG	01-08-84
E22	Shell Oil Co. Line 1094	31-	3N- 8E	3' - 351'	BOG	06-13-84
E23	Shell Oil Co. Line 1096	22-	3N- 8E	10' - 400'	BOG	06-14-84
E24	Shell Oil Co. Line 1094	17-	3N- 8E	6' - 407'	BOG	06-14-84
E25	Pepsi Cola, McComb, Miss.	18-	3N- 8E	10' - 675'	BOG	10-02-84
G4	Shell Oil Co. Line 1090	7-	2N- 7E	3' - 370'	BOG	04-25-84
G5	Shell Oil Co. Line 1090	19-	2N- 7E	32' - 363'	BOG	04-25-84
G6	Shell Oil Co. Line 1090	5-	2N- 7E	1' - 396'	BOG	04-25-84
G8	Shell Oil Co. Line 1094	34-	2N- 7E	3' - 403'	BOG	06-12-84
G9	Shell Oil Co. Line 1094	13-	2N- 7E	3' - 397'	BOG	06-13-84
H2	Rural Magnolia Water Association Well #2	2-	2N- 8E	10' - 364'	BOG	02-28-80
H3	Shell Oil Test Hole Sta 837	11-	2N- 8E	4' - 200'	BOG	01-09-84
H4	Shell Oil Test Hole Sta 898	1-	2N- 8E	3' - 200'	BOG	01-09-84
H5	Shell Oil Test Hole Sta 914	1-	2N- 8E	5' - 200'	BOG	01-09-84
H6	Shell Oil Test Hole Sta 843	11-	2N- 8E	37' - 200'	BOG	01-09-84

PIKE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
H7	Shell Oil Test Hole Sta 809	14-	2N- 8E	0' - 196'	BOG	01-12-84
H8	Shell Oil Test Hole Sta 795	14-	2N- 8E	2' - 200'	BOG	01-12-84
H9	Shell Oil Test Hole Sta 687	26-	2N- 8E	2' - 209'	BOG	01-12-84
H10	Shell Oil Test Hole Sta 705	26-	2N- 8E	0' - 196'	BOG	01-13-84
H11	Shell Oil Test Hole Sta 695	26-	2N- 8E	2' - 207'	BOG	01-13-84
H12	Shell Oil Test Hole Sta 676	35-	2N- 8E	10' - 200'	BOG	01-16-84
H13	Shell Oil Test Hole Sta 633	35-	2N- 8E	39' - 200'	BOG	01-16-84
H14	Shell Oil Test Hole Sta 619	35-	2N- 8E	18' - 200'	BOG	01-16-84
H15	Shell Oil Test Hole Sta 860	12-	2N- 8E	3' - 200'	BOG	01-11-84
H16	Shell Oil Test Hole Sta 870	12-	2N- 8E	3' - 200'	BOG	01-11-84
H17	Shell Oil Test Hole Sta 819	14-	2N- 8E	4' - 200'	BOG	01-11-84
H18	Shell Oil Co. Line 1097	10-	2N- 8E	3' - 396'	BOG	06-18-84
H19	Shell Oil Co. Line 1096	20-	2N- 8E	3' - 399'	BOG	06-18-84
K4	Shell Oil Co. Line 1094	9-	1N- 7E	20' - 398'	BOG	06-12-84
K5	Shell Oil Co. Line 1094	29-	1N- 7E	7' - 398'	BOG	06-12-84
K6	Shell Oil Co. Line 1095	23-	1N- 7E	3' - 361'	BOG	06-20-84
K7	Shell Oil Co. Line 1096	36-	1N- 7E	3' - 400'	BOG	06-20-84

PIKE - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
K8	Shell Oil Co. Line 1095	1-	1N- 7E	13' - 400'	B0G	06-19-84
L1	Shell Oil Test Hole Sta 469	15-	1N- 8E	14' - 152'	B0G	01-21-84
L2	Shell Oil Test Hole Sta 559	10-	1N- 8E	2' - 197'	B0G	01-20-84
L3	Shell Oil Test Hole Sta 575	3-	1N- 8E	3' - 290'	B0G	01-21-84
L4	Shell Oil Test Hole Sta 427	22-	1N- 8E	1' - 153'	B0G	01-22-84
L5	Shell Oil Test Hole Sta 455	22-	1N- 8E	0' - 182'	B0G	01-22-84
L6	Shell Oil Test Hole Sta 393	27-	1N- 8E	4' - 200'	B0G	01-22-84
L7	Shell Oil Co. Line 1097	21-	1N- 8E	3' - 399'	B0G	06-20-84
L8	Shell Oil Co. Line 1096	18-	1N- 8E	4' - 399"	B0G	06-20-84
L9	Shell Oil Co. Line 1097	4-	1N- 8E	9' - 398'	B0G	06-19-84
L10	Shell Oil Co. Line 1096	6-	1N- 8E	3' - 399'	B0G	06-19-84

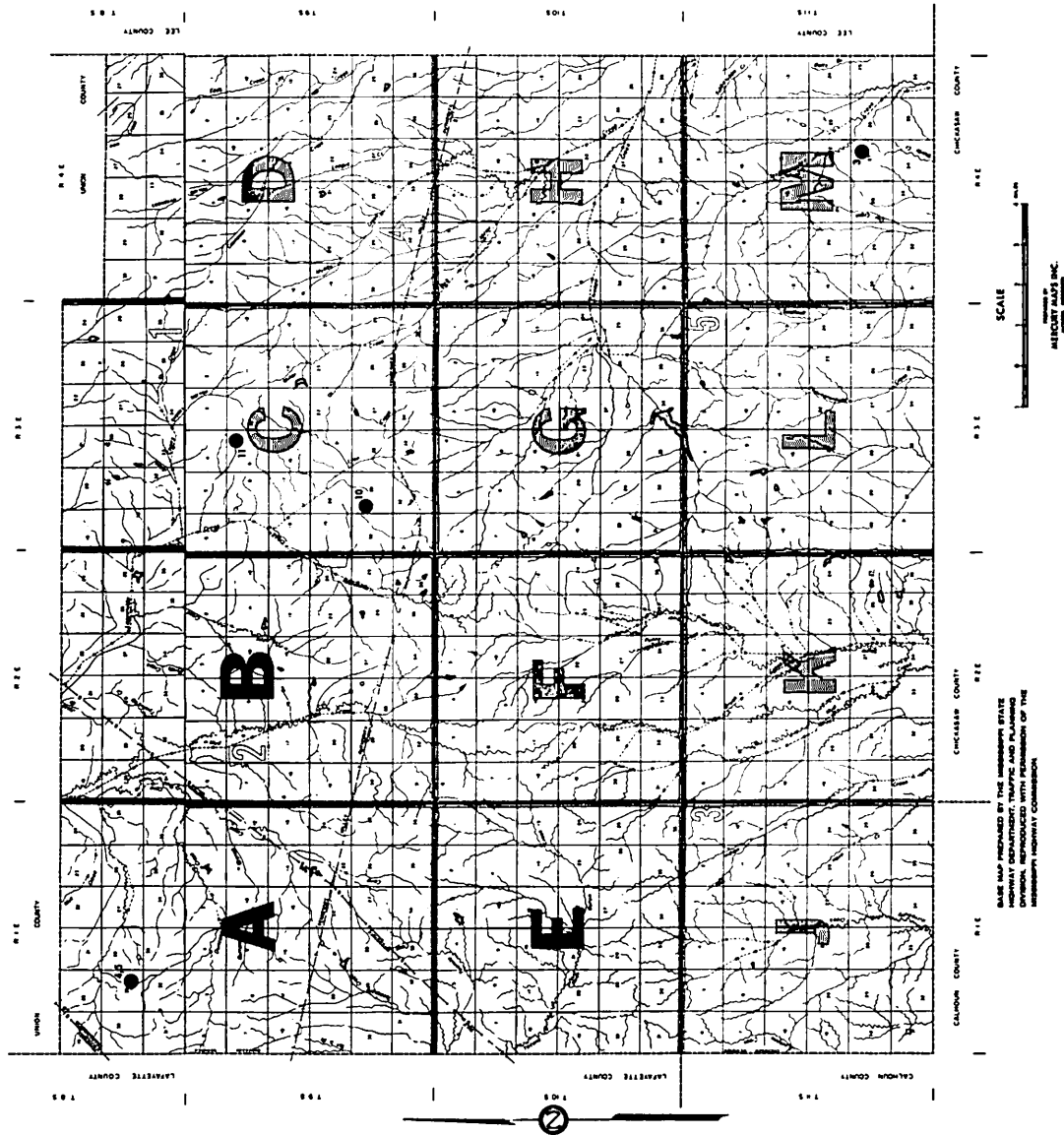


Figure 58.— Location of electrical logs in Pontotoc County.

PONTOTOC

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A4	Mud Creek Water Association Well #2	29-	8S- 1E	150' - 658'	B0G	01-28-80
A5	Mud Creek Water Association T. H. #3 for Well #2	29-	8S- 1E	10' -1520'	B0G	02-26-80
C10	Wilton Corporation	29-	9S- 3E	455' -1015'	B0G	10-20-80
C11	Cherry Creek Peach Orchard	9-	9S- 3E	600' -1155'	B0G	01-26-82
M3	R. E. Williams	27-	11S- 4E	41' - 850'	B0G	11-22-81

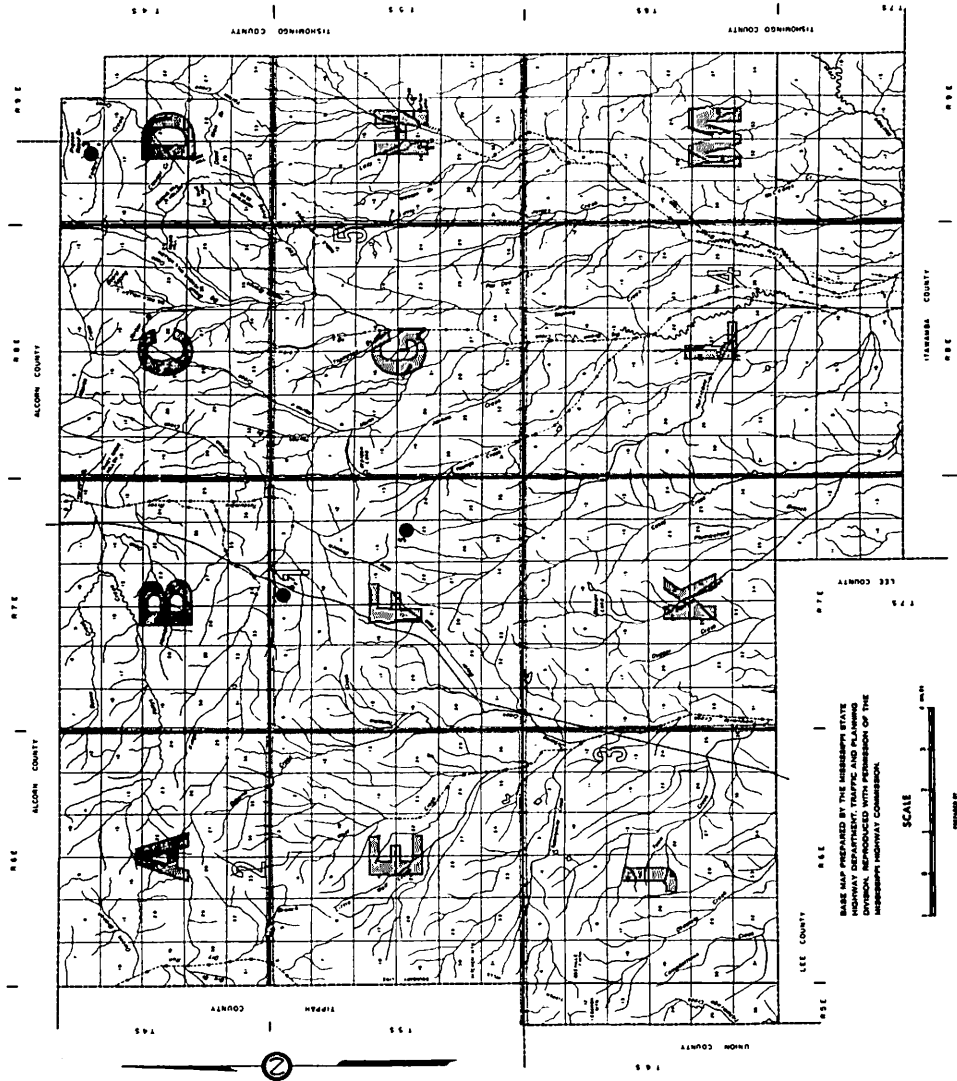


Figure 59.— Location of electrical logs in Prentiss County.

PRENTISS

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D3	Holcut-Cairo	8-	4S- 9E	10' - 451'	B0G	06-29-81
F5	Big V. Water Association	23-	5S- 7E	10' - 513'	B0G	12-18-80
F6	City of Booneville	3-	5S- 7E	42' - 505'	B0G	08-09-84
F6	City of Booneville (Gamma Log)	3-	5S- 7E	10' - 505'	B0G	08-09-84
F7	City of Booneville #2	3-	5S- 7E	42' - 529'	B0G	09-05-84
F7	City of Booneville #2 (Gamma Log)	3-	5S- 7E	10' - 530'	B0G	09-05-84

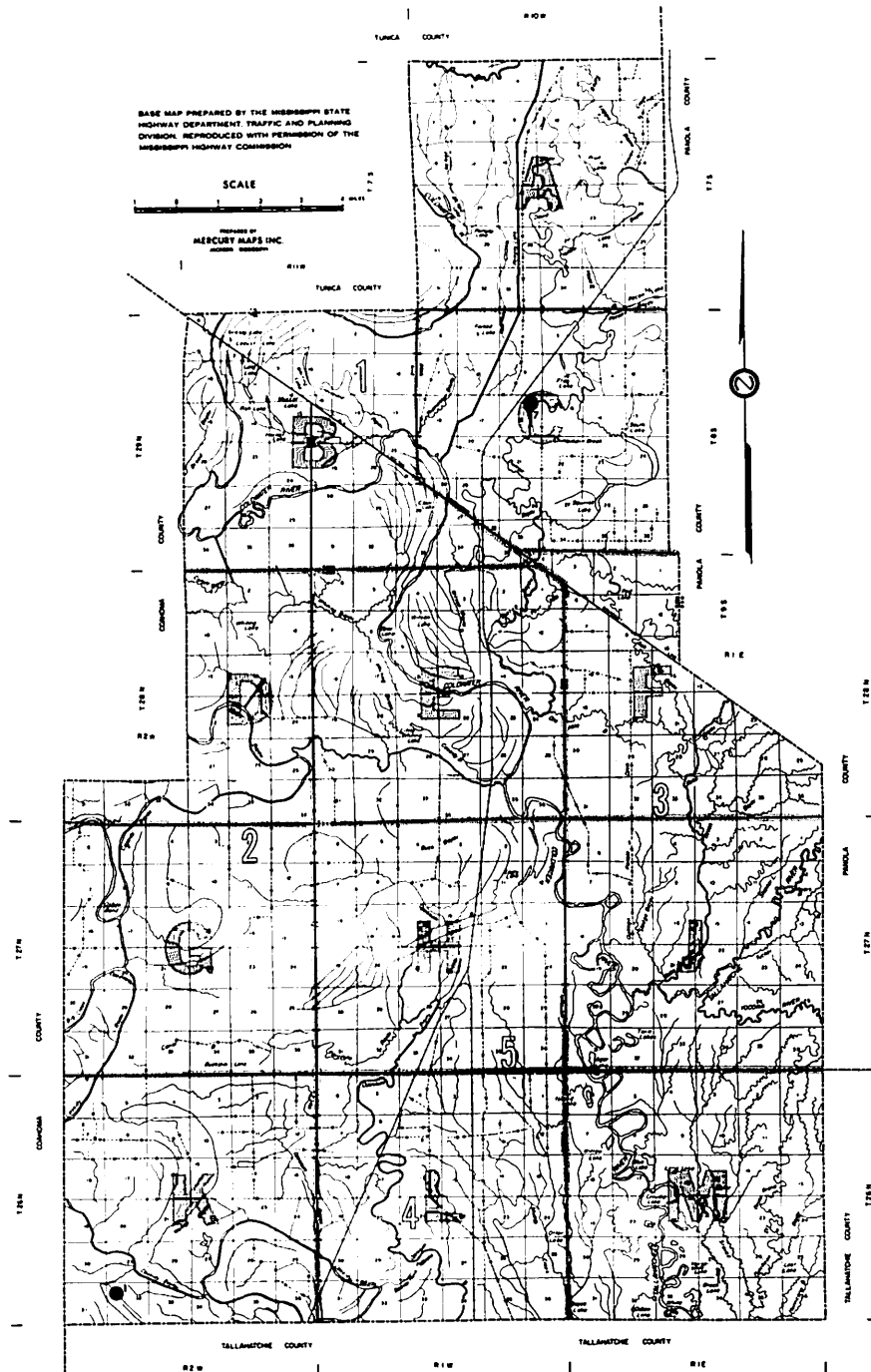


Figure 60.— Location of electrical logs in Quitman County.

QUITMAN

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C7	Falcon Water Association	16-	8S- 10W	144'-1520'	BOG	09-22-81
K1	Olin Becker	32-	26N- 2W	10'-1008'	MGS	05-14-79

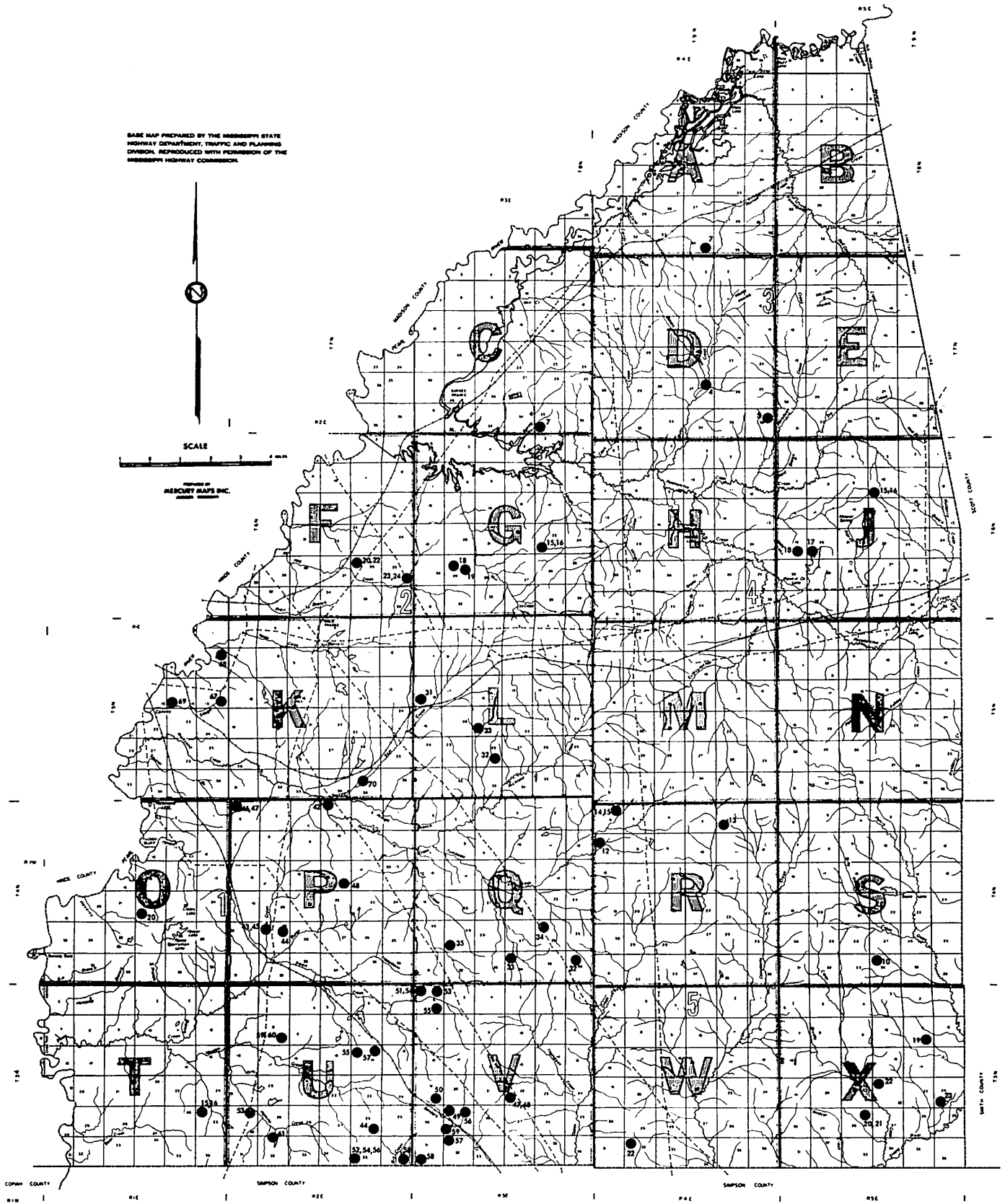


Figure 61.— Location of electrical logs in Rankin County.

RANKIN

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A7	Pisgah Water Association Well #2	34-	8N- 4E	10'-1199'	B0G	06-11-81
C7	Fannin Community Water Association Test Hole #1 for Well #2	35-	7N- 3E	10'-1269'	B0G	10-17-79
D4	Shell Oil Hauberg #2	27-	7N- 4E	10'- 828'	B0G	07-08-80
D5	Shell Western E & T Carbon Dioxide Plant	36-	7N- 4E	42'-1200'	B0G	07-20-84
F20	Town of Flowood #6	26-	6N- 2E	38'-1284'	MGS	05-04-79
F22	Town of Flowood Test Hole #2 for Well #6	26-	6N- 2E	34'-1105'	MGS	07-27-79
F23	J. D. White	25-	6N- 2E	25'- 584'	B0G	11-01-79
F24	Dan White	25-	6N- 2E	42'- 584'	B0G	09-11-81
G15	Langford Water Association Well #2	23-	6N- 3E	10'-1381'	B0G	05-28-80
G16	Langford Water Association Test Hole #1 for Well #2	23-	6N- 3E	10'-1380'	B0G	05-29-80
G18	Castelwood Utilities	29-	6N- 3E	421'- 822'	B0G	12-05-83
G19	Castlewoods Utilities #2	29-	6N- 3E	520'-1312'	B0G	02-14-84
J15	Leesburg Water Association Test Hole #1	10-	6N- 5E	23'-1300'	MGS	06-27-79
J16	Leesburg Water Association Test Hole #1	10-	6N- 5E	33'-1302'	MGS	06-29-79
J17	Mr. Shirley	20-	6N- 5E	10'- 564'	B0G	10-23-80

RANKIN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
J18	Robert Purser	19-	6N- 5E	10' -488'	B0G	06-09-82
K67	City of Pearl-Gatewood Test Hole	13-	5N- 1E	42' -1012'	B0G	06-05-80
K68	Town of Flowood Well #2	12-	5N- 1E	40' - 810'	B0G	10-16-81
K69	Mid-South Motel	14-	5N- 1E	10' - 602'	B0G	01-30-82
K70	Rankin County Prison	35-	5N- 2E	1000' -1330'	B0G	09-23-84
K70	Rankin County Prison (Gamma Log)	35-	5N- 2E	1000' -1330'	B0G	09-23-84
L31	Ruth World	18-	5N- 3E	40' - 860'	B0G	10-08-79
L32	James Stanley	28-	5N- 3E	10' - 200'	B0G	05-21-80
L33	Pat Lockett	21-	5N- 3E	10' - 112'	B0G	08-10-81
O20	MGS Test Hole Rees #1	22-	4N- 1E	0' - 299'	MGS	05-16-79
P42	Danny Moray	3-	4N- 2E	20' - 197'	MGS	03-27-79
P43	B0G Chloride Metals M-1	29-	4N- 2E	0' - 25'	B0G	08-04-80
P44	B0G Chloride Megals M-2	29-	4N- 2E	0' - 44'	B0G	08-05-80
P45	B0G Chloride Metals M-3	29-	4N- 2E	0' - 29'	B0G	08-06-80

RANKIN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
P46	Sam Dickson, Jr.	6-	4N- 2E	20'-1125'	B0G	10-31-80
P47	Sam Dixon - Richland East Subdivision #1	6-	4N- 2E	1018'-1142'	B0G	03-13-81
P48	Monterey Water Association	15-	4N- 2E	80'-1100'	B0G	11-23-81
Q32	Pursue Energy	36-	4N- 3E	10'-1286'	MGS	06-19-79
Q33	Pursue Energy Corporation (Ortloff Corporation)	34-	4N- 3E	25'-1144'	B0G	08-27-79
Q34	Pursue Energy Corporation	26-	4N- 3E	10' - 925'	B0G	06-04-80
Q35	Thomasville Water Association	29-	4N- 3E	10'-1133'	B0G	03-20-81
R12	Ed Narrow	7-	4N- 4E	10' - 220'	B0G	06-23-80
R13	Larry Zillinger	2-	4N- 4E	11' - 240'	B0G	02-17-82
R14	Union Oil Company of California	6-	4N- 4E	50'-1447'	B0G	04-21-82
R15	Union Oil Company of California	6-	4N- 4E	50'-1600'	B0G	04-22-82
S10	Tomlinson Interests	34-	4N- 5E	50'-1499'	B0G	10-01-81
T15	T. R. Laird	25-	3N- 1E	43' - 342'	B0G	08-21-79
T16	T. R. Laird	25-	3N- 1E	10' - 424'	B0G	10-03-79
U44	Shell Oil Company (WSW)	26-	3N- 2E	10' -1227	B0G	03-27-80
U52	Bob Ridgeway	35-	3N- 2E	13' - 240'	B0G	11-21-80

RANKIN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
U53	Pursue Energy	30-	3N- 2E	10' - 575'	BOG	01-08-81
U54	Bob Ridgeway	35-	3N- 2E	3' - 120'	BOG	04-23-81
U55	Central Rankin Water Association Test Hole #2 for Well #2	14-	3N- 2E	440' - 1840'	BOG	04-23-81
U56	Bob Ridgeway	35-	3N- 2E	10' - 325'	BOG	05-14-81
U57	Gerald Martin	14-	3N- 2E	24' - 300'	BOG	09-30-82
U58	Horace Whitfield	36-	3N- 2E	42' - 282'	BOG	10-21-82
U59	Joseph T. Hale	8-	3N- 2E	18' - 478'	BOG	10-26-82
U60	Joseph T. Hale	8-	3N- 2E	30' - 389'	BOG	03-22-83
U61	Randy Cowling	29-	3N- 2E	42' - 289'	BOG	08-16-84
V47	Pursue Energy #1 Piney Woods (WSW)	22-	3N- 3E	26' - 1304'	MGS	02-05-79
V48	Pursue Energy #2 Piney Woods (WSW)	22-	3N- 3E	11' - 430'	MGS	02-09-79
V49	James T. Harvey	29-	3N- 3E	16' - 235'	MGS	02-15-79
V50	Red Hancock Oil Field Construction	19-	3N- 3E	16' - 1185'	BOG	10-25-80
V51	W. B. Shivers	6-	3N- 3E	25' - 336'	BOG	07-01-81
V53	W. B. Shivers	6-	3N- 3E	10' - 248'	BOG	07-16-81
V54	W. B. Shivers (Gamma Log)	6-	3N- 3E	5' - 371'	BOG	07-14-81

RANKIN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
V55	Jessie Evans	6-	3N-	3E	10' - 202'	BOG	08-21-81
V56	Nelson Israel	29-	3N-	3E	10' - 230'	BOG	12-21-81
V57	W. E. Dove	32-	3N-	3E	20' - 280'	BOG	08-03-82
V58	Frank Stephens	31-	3N-	3E	10' - 302'	BOG	08-09-82
V59	P. E. Givens	29-	3N-	3E	50' - 245'	BOG	10-21-82
W22	MGS Test Hole 95B-20	32-	3N-	4E	23' - 490'	MGS	07-18-79
X19	Union Water Association Test Hole #1 for Well #2	11-	3N-	5E	25' -1400'	MGS	01-25-79
X20	Prentiss Calhoun	28-	3N-	5E	10' - 211'	BOG	11-05-79
X21	Prentiss Calhoun Well #2	28-	3N-	5E	12' - 220'	BOG	08-03-80
X22	Puckett Water Association	22-	3N-	5E	10' -1419'	BOG	01-30-81
X23	National Pallet Company	24-	3N-	5E	10' - 202'	BOG	08-11-81

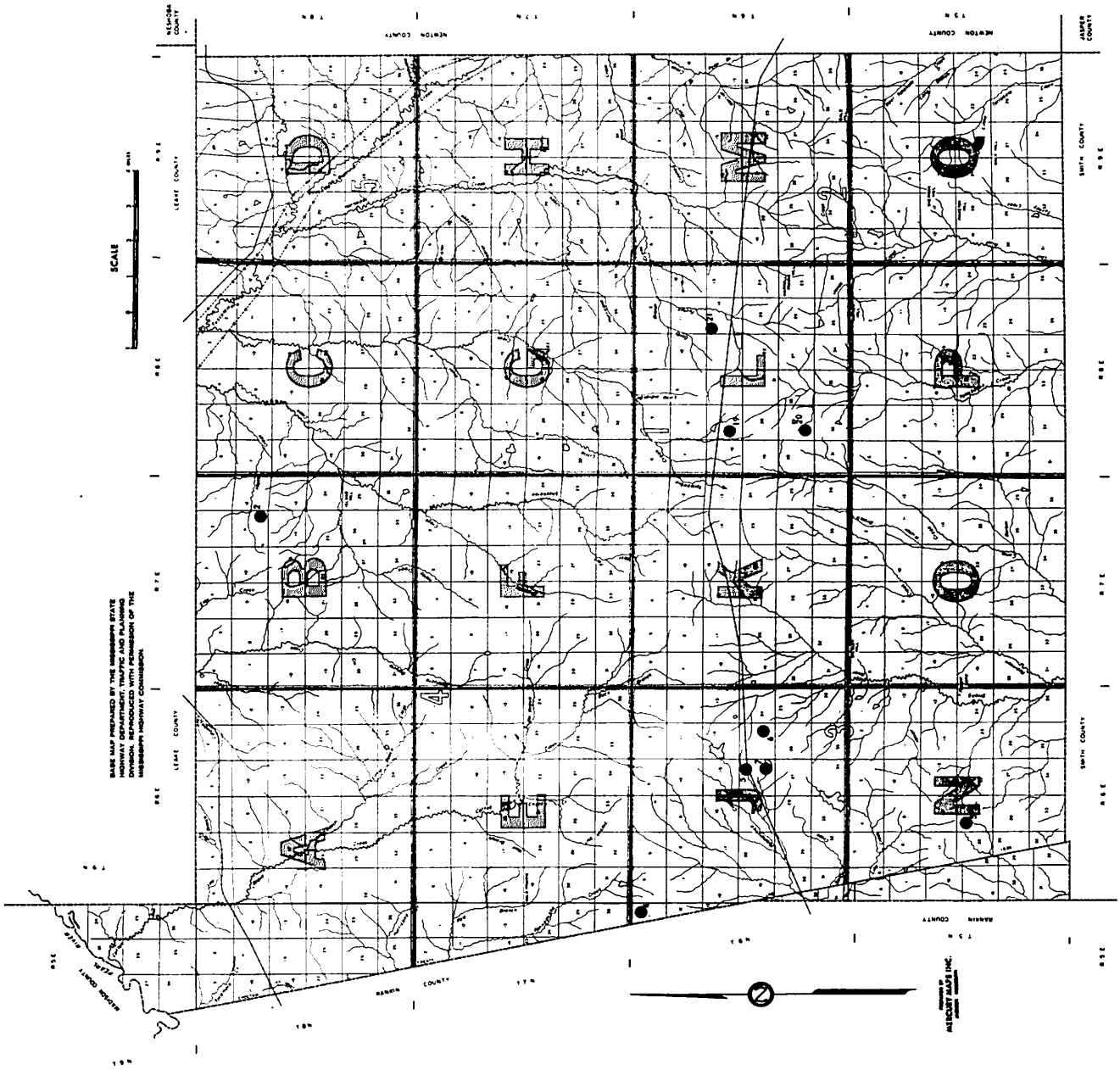


Figure 62.— Location of electrical logs in Scott County.

SCOTT

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
B2	C. & C. Water Association #3	11-	8N-	7E	42' -1312'	BOG	08-03-84
J4	Shell Oil #1 Stuart et al. (MSW)	1-	6N-	5E	10' - 563'	BOG	09-18-80
J5	City of Morton	22-	6N-	6E	18' -1234'	BOG	06-09-82
J6	City of Morton T. H. #2	23-	6N-	6E	43' - 940'	BOG	07-14-82
J7	City of Morton	22-	6N-	6E	736' - 875'	BOG	09-22-82
L19	City of Forest	17-	6N-	8E	10' -1334'	BOG	05-06-80
L20	Scott County LF-62-C-1	29-	6N-	8W	0' - 28'	BOG	11-06-81
L21	City of Forest (8-84)	14-	6N-	8E	42' -1750'	BOG	08-06-84
N5	Homestead Water Association Well #2	21-	5N-	6E	11' -1380'	BOG	04-25-80

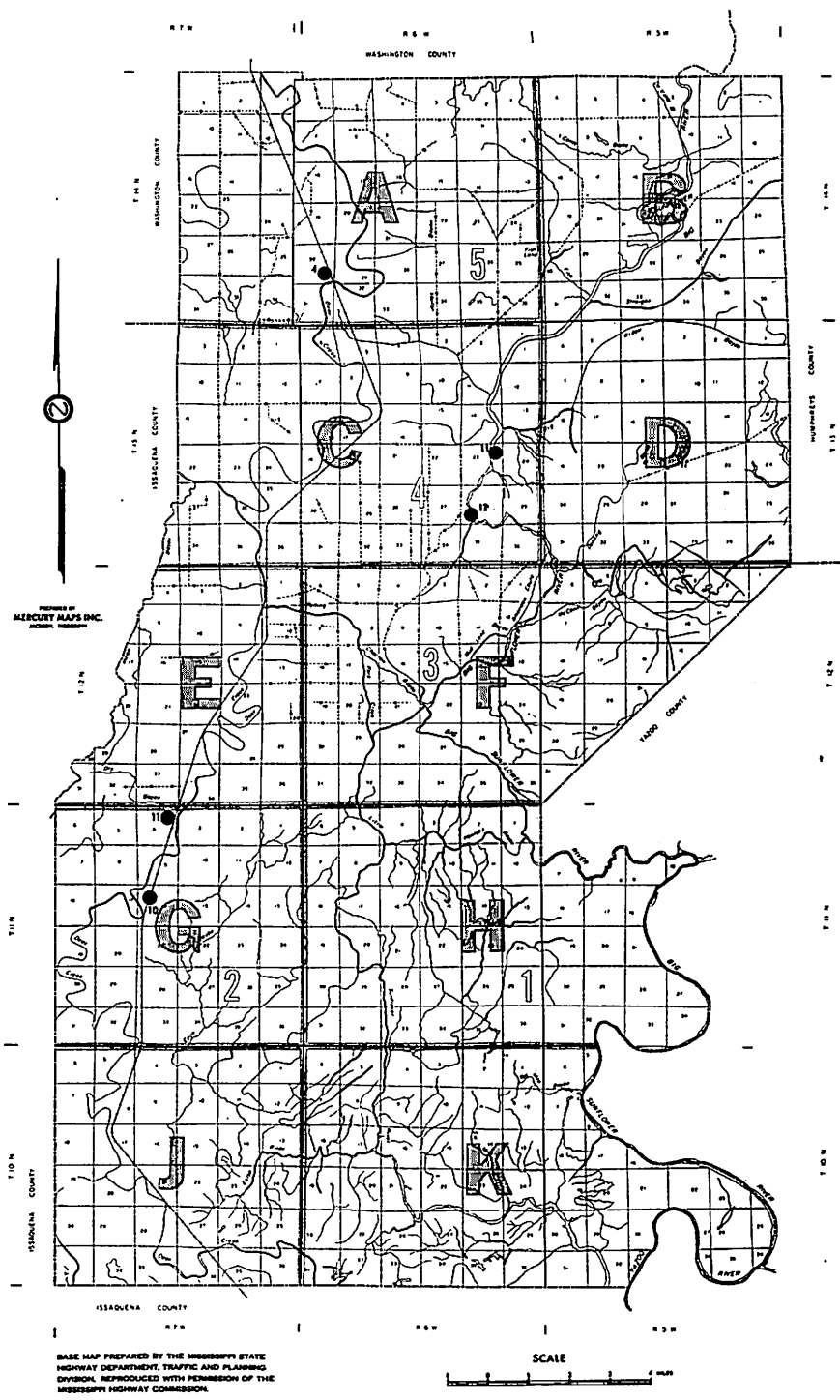


Figure 63.— Location of electrical logs in Sharkey County.

SHARKEY

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A4	Pat Patton	30-	14N- 6W	10' - 807'	B0G	02-19-81
C11	Raymond Brown	23-	13N- 6W	10' -1763'	MGS	03-12-79
C12	Baggett Farm	26-	13N- 6W	20' - 920'	B0G	10-20-83
G10	Bellgrade Lumber Company Well #3	16-	11N- 7W	10' - 884'	MGS	05-16-79
G11	Ben Lamensdorf	4-	11N- 7W	10' - 950'	B0G	05-20, 05-29-81

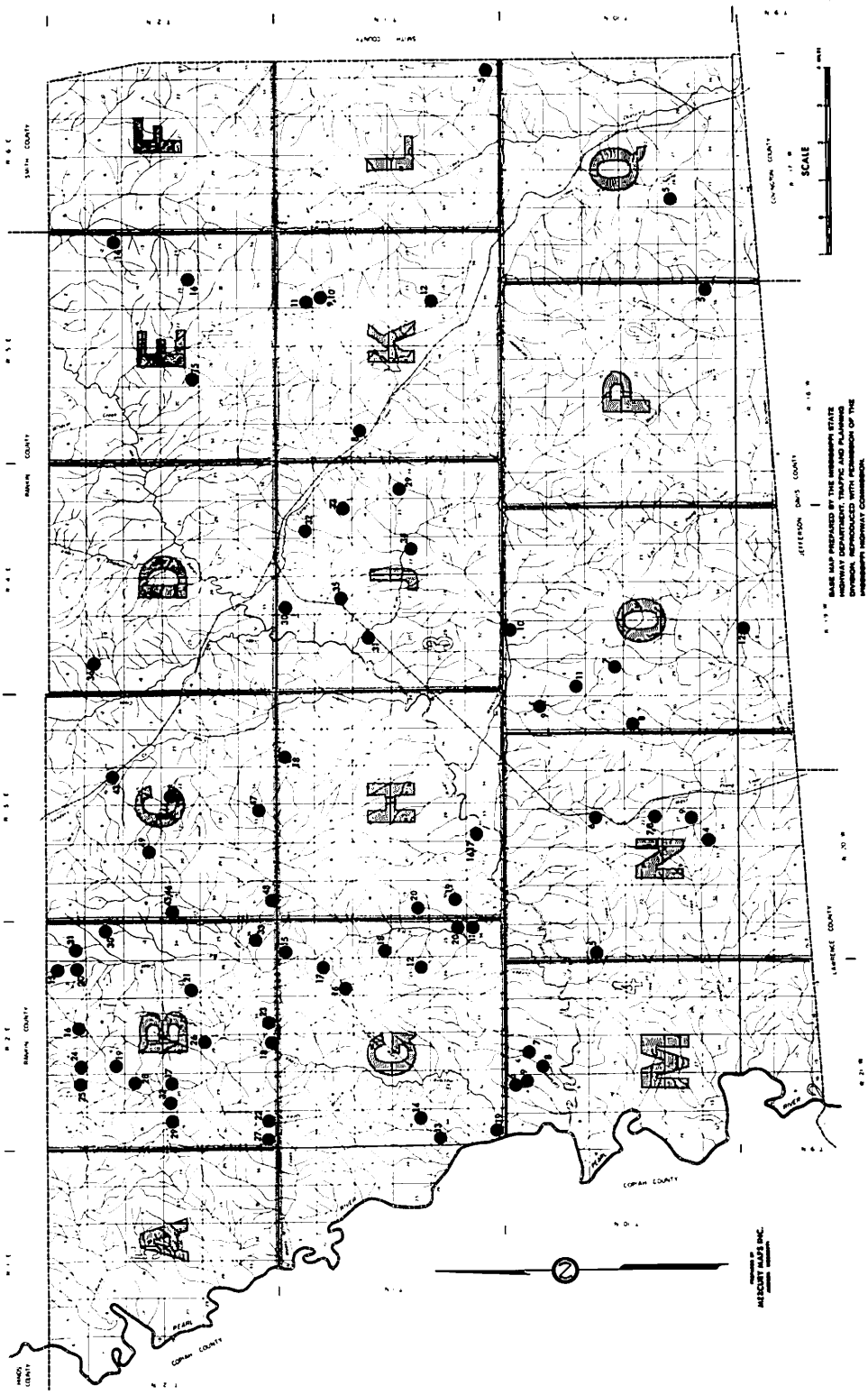


Figure 64.— Location of electrical logs in Simpson County.

SIMPSON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B15	Shell Oil Company (WSW #1)	2-	2N- 2E	25' - 1215'	MGS	05-02-79
B16	Pursue Energy Ridgeway #1	3-	2N- 2E	290' - 1310'	B0G	09-13-79
B17	Shell Oil Company McGehee #1 (WSW)	20-	2N- 2E	10' - 621'	B0G	10-03-79
B18	Lewis Langley	33-	2N- 2E	10' - 121'	B0G	02-13-80
B19	Skip Allen Well #2	9	2N- 2E	10' - 255'	B0G	02-21-80
B20	Albert Paul	2-	2N- 2E	15' - 222'	B0G	05-14-80
B21	Harrisville Water Association Test Hole #1 for Well #2	23-	2N- 2E	2' - 653'	B0G	09-15, 09-22-80
B22	Warren Jones	31-	2N- 2E	10' - 364'	B0G	09-16-80
B23	Harrisville Water Association	34-	2N- 2E	10' - 464'	B0G	11-18-80
B24	Dr. Estus M. Blackburn	4-	2N- 2E	10' - 101'	B0G	01-22-81
B25	Dr. Estes Blackburn Test Hole #2	5-	2N- 2E	10' - 181'	B0G	02-23-81
B26	Shell Oil Company	28-	2N- 2E	10' - 495'	B0G	03-17-81
B27	Shell Oil Company	31-	2N- 2E	10' - 457'	B0G	04-13-82
B28	Shell Oil Supply Well #1	17-	2N- 2E	50' - 614'	B0G	07-19-82
B29	Shell Oil Compny #1 Holmes (WSW)	19-	2N- 2E	50' - 437'	B0G	11-19-82
B30	Daisey Barlow	12-	2N- 2E	56' - 330'	B0G	03-16-83

SIMPSON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
N8	Shivers Water Association	22-	10N- 20W	13' - 750'	B0G	12-04, 12-08-80
N9	Shivers Water Association	27-	10N- 20W	10' - 854'	B0G	12-22-80
07	Vera Burkett	17-	10N- 19W	10' - 178'	MGS	09-14-78
08	Mallie Taylor	19-	10N- 19W	30' - 140'	MGS	04-16-79
09	Charles Sorey	6-	10N- 19W	10' - 258'	B0G	01-21-80
010	Bud Brookes	4-	10N- 19W	10' - 240'	B0G	04-01-80
011	Steve Kelly	8-	10N- 19W	10' - 271'	B0G	04-22-80
012	Norman McCoy	4-	9N- 19W	10' - 220'	B0G	05-30-80
P5	New Hope Water Association Well #2	36-	10N- 18W	10' - 278'	B0G	06-10-80
Q5	City of Magee LF-64-I-2	28-	10N- 17W	0' - 77'	B0G	08-29-84

SIMPSON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B31	R. L. Shorter	1-	2N- 2E	42' - 222'	B0G	08-03-83
B32	J. Albritton	20-	2N- 2E	42' - 320'	B0G	01-26-84
B33	Harold Barlow	36-	2N- 2E	10' - 300'	B0G	07-19-84
C43	Braxton Community Water Association Test Hole #2 for Well #1	10-	2N- 3E	30' -1172'	MGS	03-20-79
C44	MGS Test Hole 95B-21	22-	2N- 3E	10' - 389'	MGS	07-25-79
C45	Harrisville Water Association	19-	2N- 3E	10' - 559'	B0G	01-16-81
C46	Harrisville Water Association	19-	2N- 3E	10' -1270'	B0G	02-02-81
C47	L. C. Pope	33-	2N- 3E	50' - 380'	B0G	08-24-83
C48	Brian Holiday	31-	2N- 3E	42' - 306'	B0G	02-02-84
C49	Harrisville Water Association	17-	2N- 3E	60' - 489'	B0G	07-25-84
C49	Harrisville Water Association (Gamma Log)	17-	2N- 3E	6' - 480'	B0G	07-25-84
D36	MGS Test Hole 95B-22	7-	2N- 4E	0' - 350'	B0G	08-01-79
E14	Prentiss Calhoun	12-	2N- 5E	10' - 183'	B0G	09-24-79
E15	B0G 82-D-8	21-	2N- 5E	0' - 166'	B0G	04-09-80
E16	Gas Transportation Company	23-	2N- 5E	40' - 905'	B0G	12-28-81
G11	L. C. Walker	36-	1N- 2E	30' - 400'	MGS	02-12-79
G12	Carolyn Taylor	23-	1N- 2E	10' - 318'	MGS	05-08-79

SIMPSON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
G13	Jesse Funches	30-	1N- 2E	10' - 198'	MGS	06-06-79
G14	Lewis Carter	19-	1N- 2E	10' - 419'	MGS	06-11-79
G15	Glenn Cummins	1-	1N- 2E	10' - 345'	BOG	02-10-80
G16	Shell Oil #1 Crown Zellerbach (WSW #1)	11-	1N- 2E	72' - 512'	BOG	08-18-81
G17	Shell Oil Company	11-	1N- 2E	60' - 432'	BOG	08-31-81
G18	C. W. Barlow	13-	1N- 2E	10' - 494'	BOG	05-11-82
G19	Aton Strief	31-	1N- 2E	38' - 557'	BOG	07-01-82
G20	Eugene Taylor, Jr.	25-	1N- 2E	50' - 415'	BOG	08-17-82
H16	John MacIntosh	33-	1N- 3E	10' - 400'	MGS	07-03-79
H17	Strong River Camp	33-	1N- 3E	10' - 175'	BOG	06-19-81
H18	T. D. Ridgeway	2-	1N- 3E	10' - 164'	BOG	11-16-81
H19	Steve Banks	30-	1N- 3E	50' - 478'	BOG	03-10-83
H20	Hubert Fuller	19-	1N- 3E	10' - 535'	BOG	08-27-84
J29	John Hammond	24-	1N- 4E	10' - 140'	MGS	05-30-79
J30	Broadhead Property	4-	1N- 4E	10' - 249'	MGS	05-26-75
J31	Pursue Energy #1 Sykes	17-	1N- 4E	10' - 797'	BOG	08-27-79
J32	BOG 82-D-9	2-	1N- 4E	0' - 100'	BOG	04-29-80

SIMPSON - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
J33	B0G 82-D-10	11-	1N- 4E	0' - 200'	B0G	04-30-80
J34	Lee D. McCoy	22-	1N- 4E	73' - 208'	B0G	06-20-83
J35	Buck Morris	9-	1N- 4E	42' - 261'	B0G	11-03-83
K8	MGS 82-D-3	18-	1N- 5E	10' - 150'	MGS	06-07-78
K9	Smith's Crossing Water Association	11-	1N- 5E	50' - 310'	B0G	04-20-82
K10	Smith's Crossing Water Association	11-	1N- 5E	44' - 272'	B0G	07-08-82
K11	Smith's Crossing Water Association	2-	1N- 5E	42' - 404'	B0G	09-28-82
K12	Smith's Crossing Water Association TH #4	26-	1N- 5E	21' - 275'	B0G	01-25-83
L5	Okatoma Water Association TH #2	35-	1N- 6E	40' - 360'	B0G	02-09-83
M6	Jerome Brent	4-	10N- 21W	30' - 430'	B0G	07-16-80
M7	Bertha Mahaffey	3-	10N- 21W	10' - 354'	B0G	08-19-80
M8	Johnny Drummond	3-	10N- 21W	10' - 400'	B0G	07-06-82
M9	Johnny Ashley	4-	10N- 21W	60' - 361'	B0G	09-12-84
N4	Jean Lee	34-	10N- 20W	10' - 158'	MGS	06-01-79
N5	Matt Lee	18-	10N- 20W	2' - 173'	B0G	11-28-79
N6	B0G 82-B-1	15-	10N- 20W	0' - 278'	B0G	03-13-80
N7	Shivers Water Association	22-	10N- 20W	15' - 890'	B0G	12-04-80

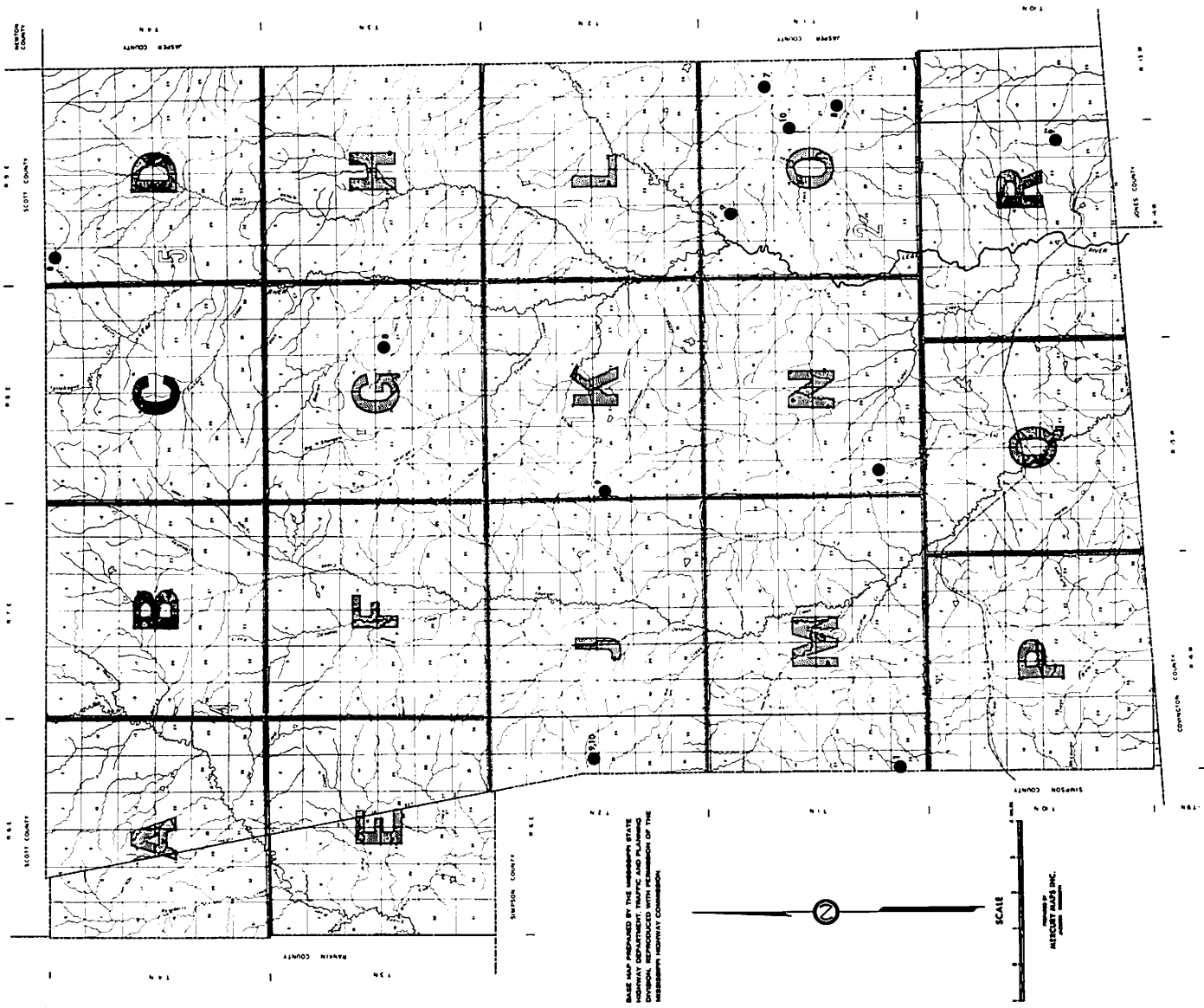


Figure 65.— Location of electrical logs in Smith County.

SMITH

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D8	Pineville Water Association T. H. #2	6-	4N- 9E	10' -1408'	B0G	09-10-80
G8	Pineville Water Association T. H. #3 for Well #3	23-	3N- 8E	10' -1210'	B0G	01-12-81
J9	Traxler Water Association T. H. #1 for Well #2	14-	2N- 6E	10' -1150'	MGS	05-18-79
J10	Traxler Water Association T. H. #2 for Well #2	14-	2N- 6E	10' -1153'	B0G	12-12-79
K9	Center Ridge Water Well #2	19-	2N- 8E	10' -1500'	B0G	01-27-82
M1	Okatoma Water Association	35-	1N- 6E	14' - 284'	B0G	12-09-82
M1	Okatoma Water Association (Gamma Log)	35-	1N- 6E	10' - 346'	B0G	12-10-82
N4	Morris Water Association	30-	1N- 8E	10' - 572'	B0G	03-10-81
07	Ellis Cooper Myrick	12-	1N- 9E	20' - 409'	B0G	11-10-82
08	Tri-County Water Association	23-	1N- 9E	9' -1501'	B0G	04-15-80
09	Shell Oil Company (Gamma Log)	5-	1N- 9E	6' - 900'	B0G	06-20-83
010	Hickory Hollow Farms	14-	1N- 9E	20' - 260'	B0G	07-25-83
R9	Transcontinental	24-	10N- 14W	42' - 910'	B0G	03-21-84

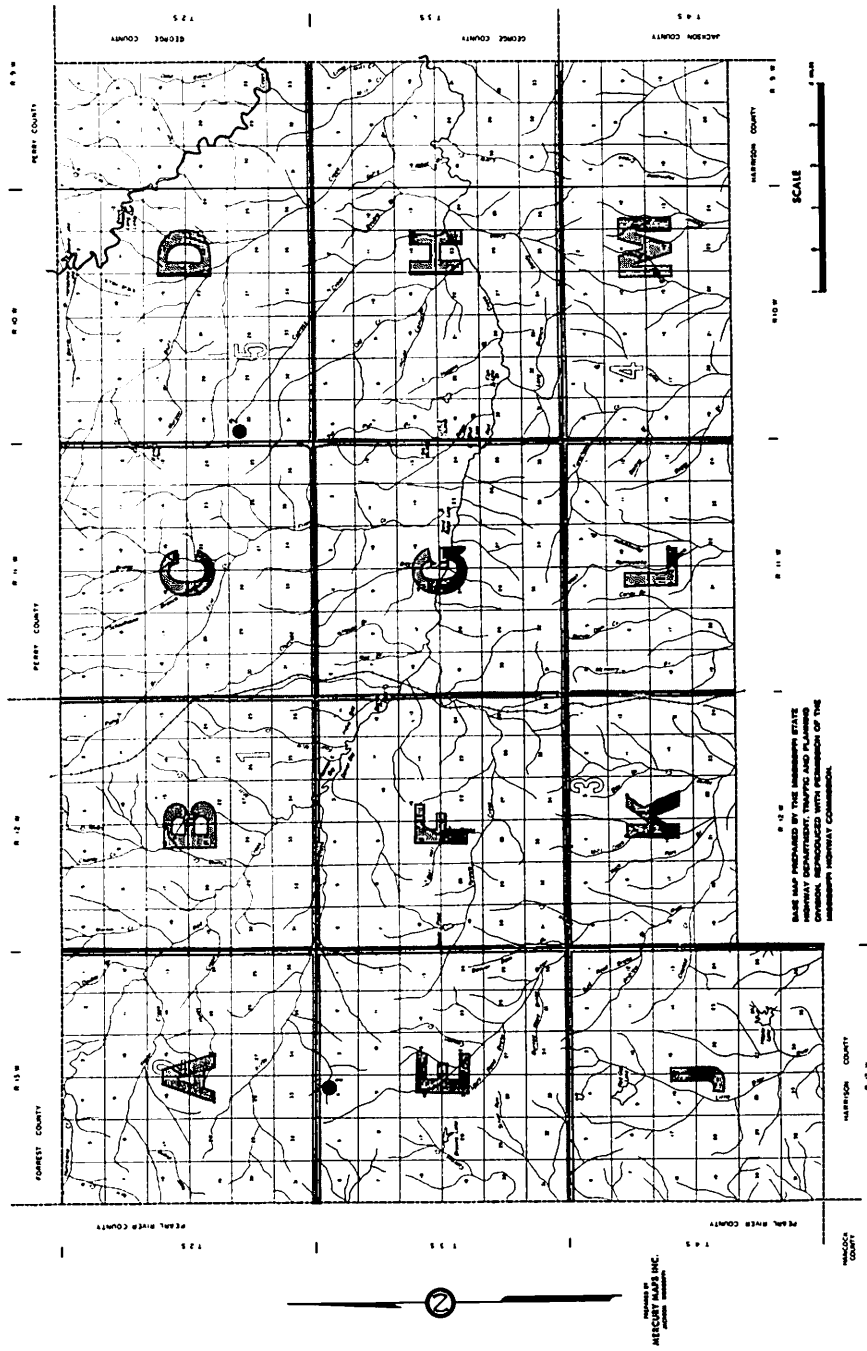


Figure 66.-- Location of electrical logs in Stone County.

STONE

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
D2	Miss. Forestry Commission	30	2S-	10W	10' - 764'	B0G	12-05-83
E1	Stone County Water Association	4-	3S-	13W	133' - 1300'	B0G	06-26-81

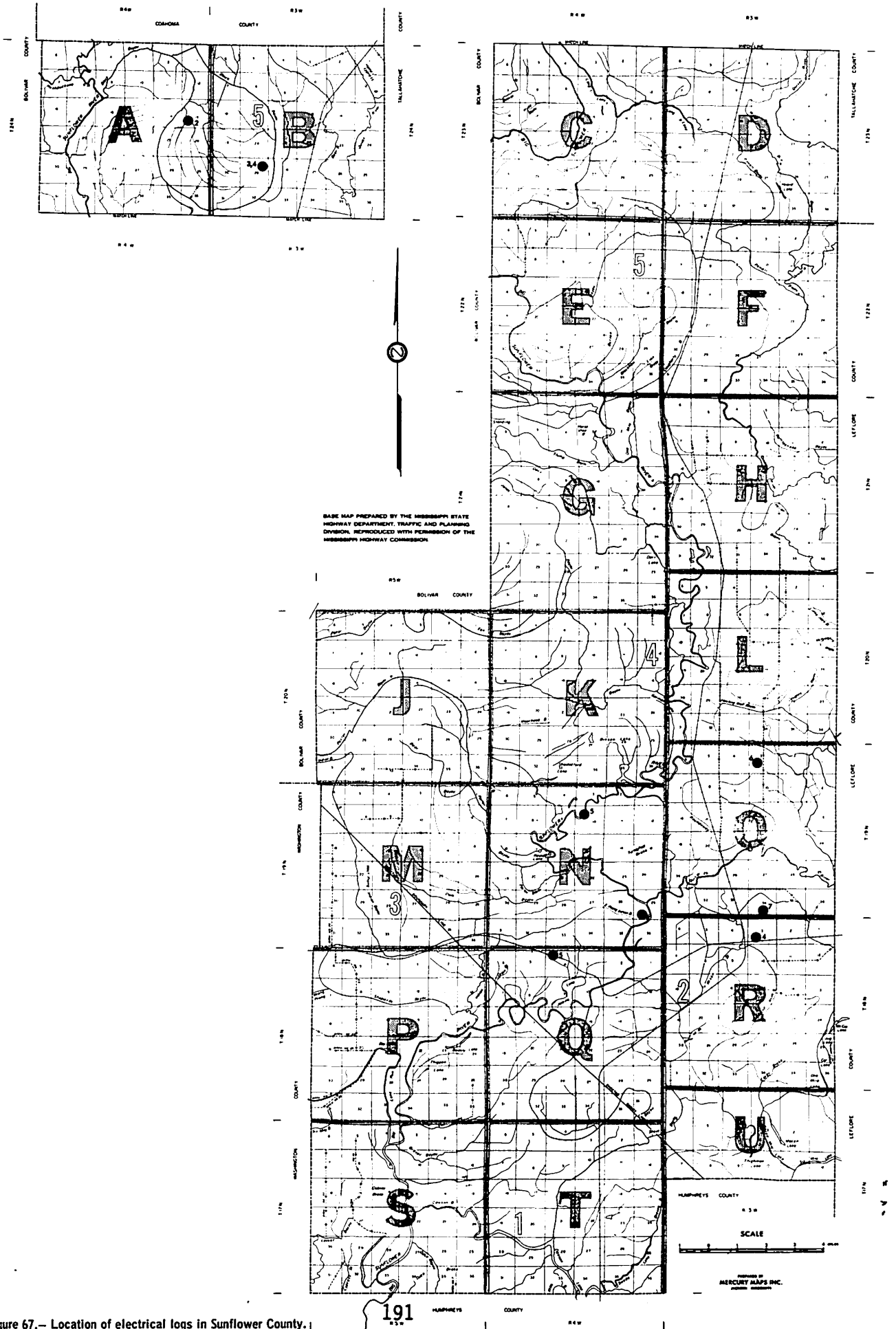


Figure 67.— Location of electrical logs in Sunflower County.

SUNFLOWER

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Mississippi State Penitentiary	13-	24N- 4W	30'-1110'	BOG	02-17-82
B3	State Penal Farm	29-	24N- 3W	42'-1300'	BOG	04-27-82
B4	State Penal Farm	29-	24N- 3W	300' - 985'	BOG	10-13-83
N5	Dr. C. K. Holland	10-	19N- 4W	25' - 893'	MGS	07-25-79
N6	Carl M. Crawford	25-	19N- 4W	12' -1215'	BOG	07-17-84
O6	Grain Fed Catfish Processing Plant	3-	19N- 3W	15' - 712'	BOG	08-02-83
O7	Charles Fitts	34-	19N- 3W	42' -1520'	BOG	04-26-84
Q5	Delta Catfish Production	4-	18N- 4W	480' - 830'	BOG	02-24-81
R4	City of Moorhead	3-	18N- 3W	150' -1520'	BOG	04-27-82

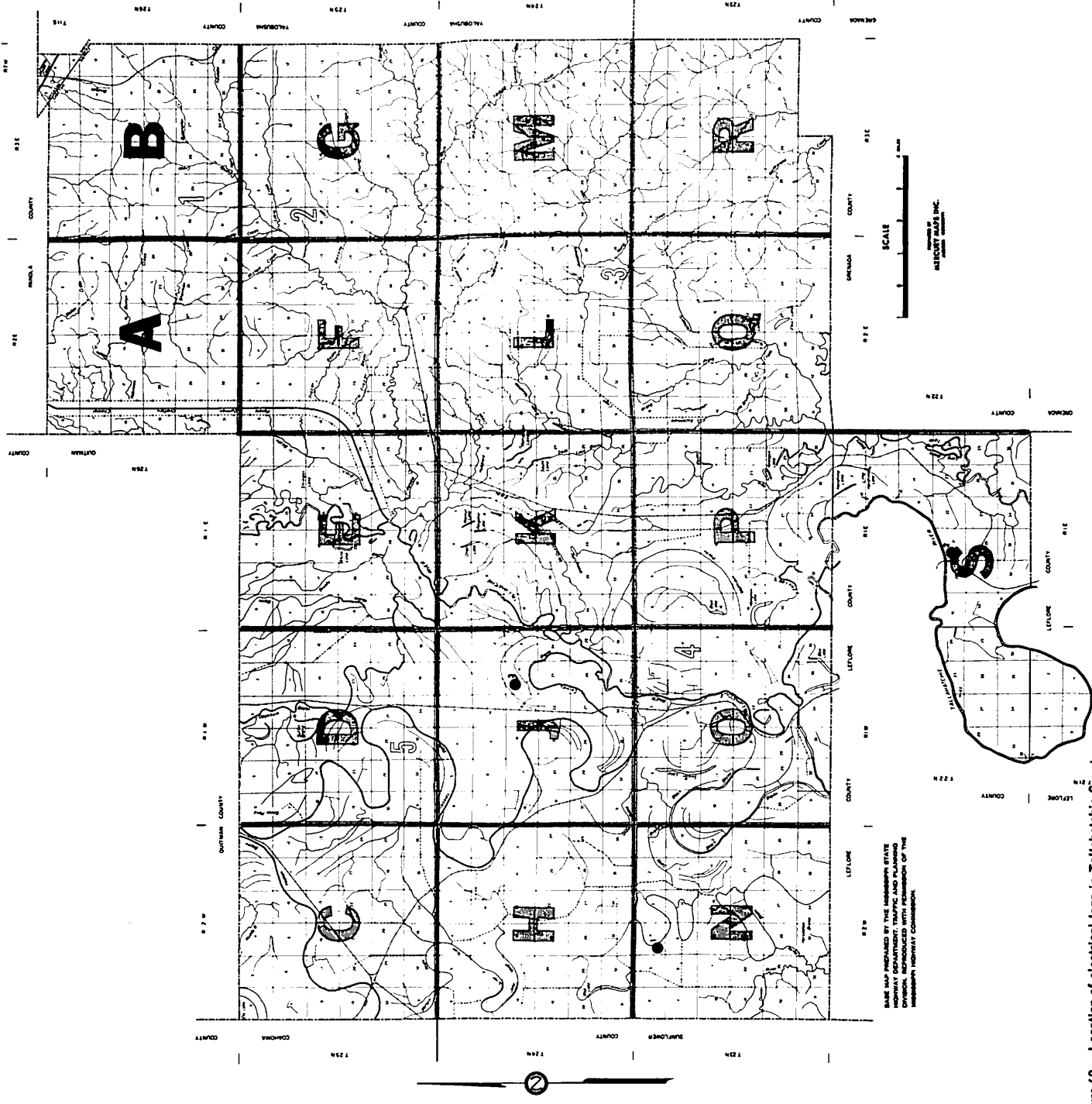


Figure 68.— Location of electrical logs in Tallahatchie County.

TALLAHATCHIE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
J3	Delta Haven Plantation	14-	24N- 1W	9' - 772'	MGS	03-01-79
N1	James H. Morrow	4-	23N- 2W	10' - 895'	B0G	10-17-80
S2	Philipp Water Association Well #1	21-	22N- 1E	48' - 909'	B0G	09-18-81

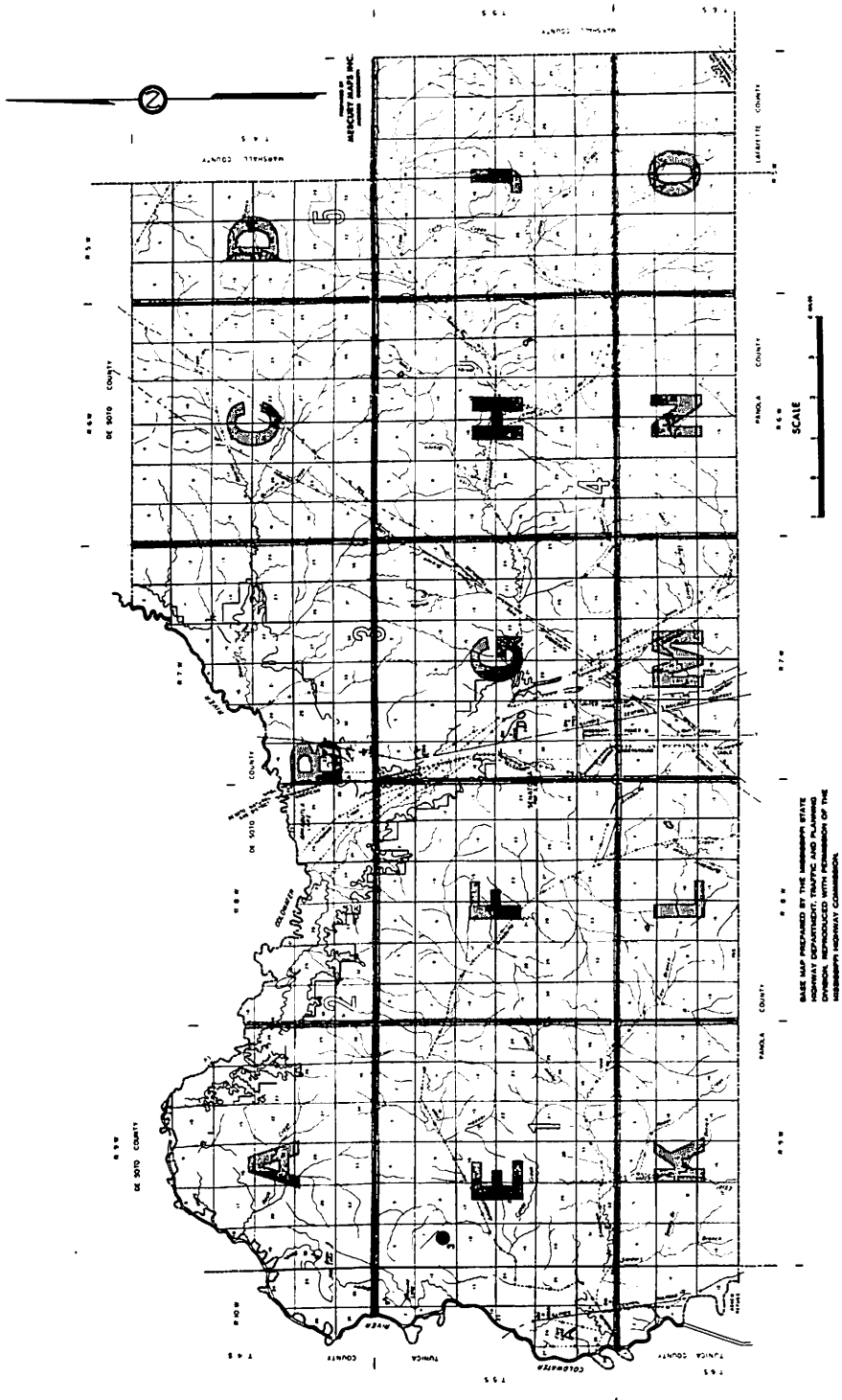


Figure 69.— Location of electrical logs in Tate County.

TATE

FILE NO.	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
MGS - USGS E3	Strayhorn Water Association	7-	5S-	9W	10'-1627'	BOG	01-28-81

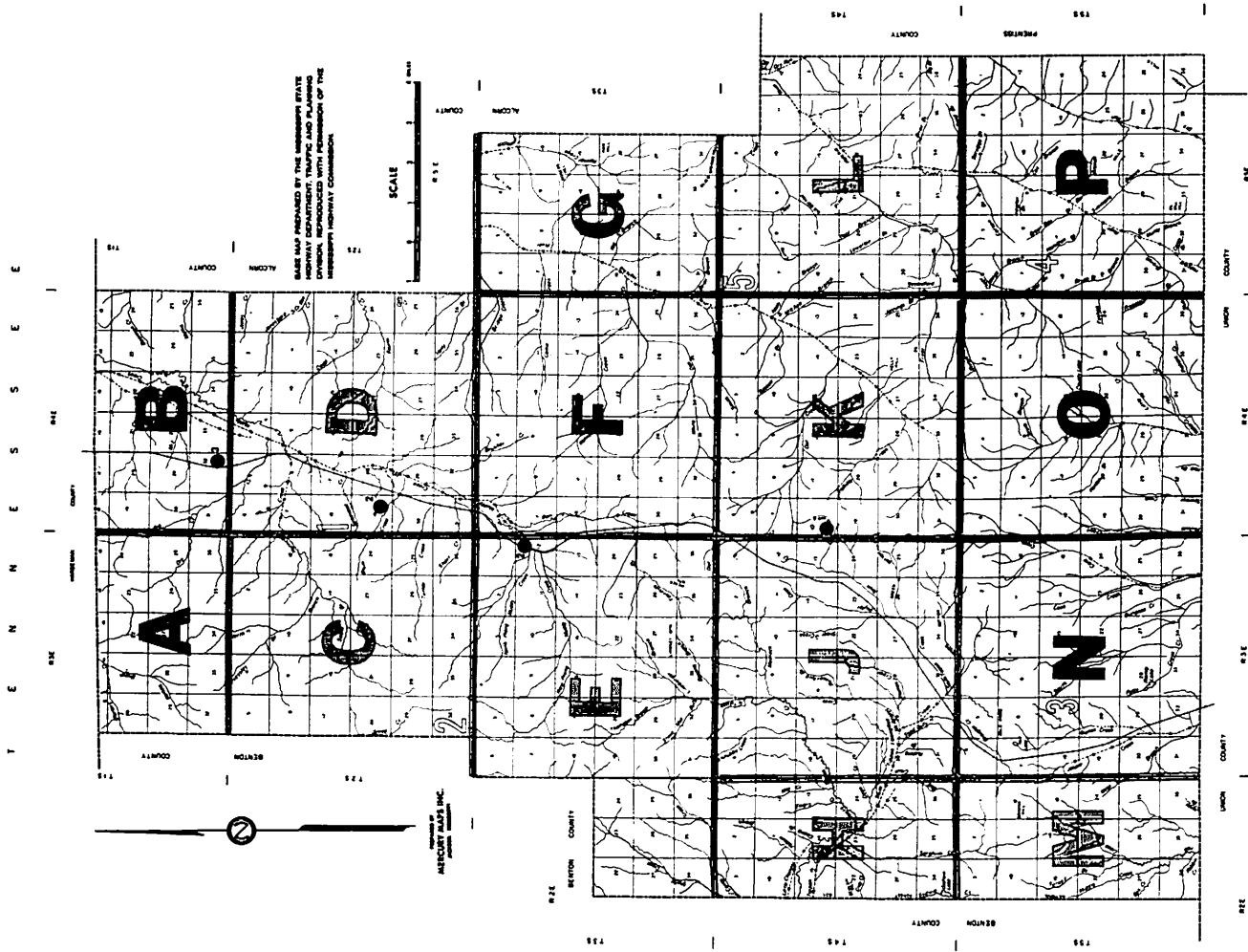
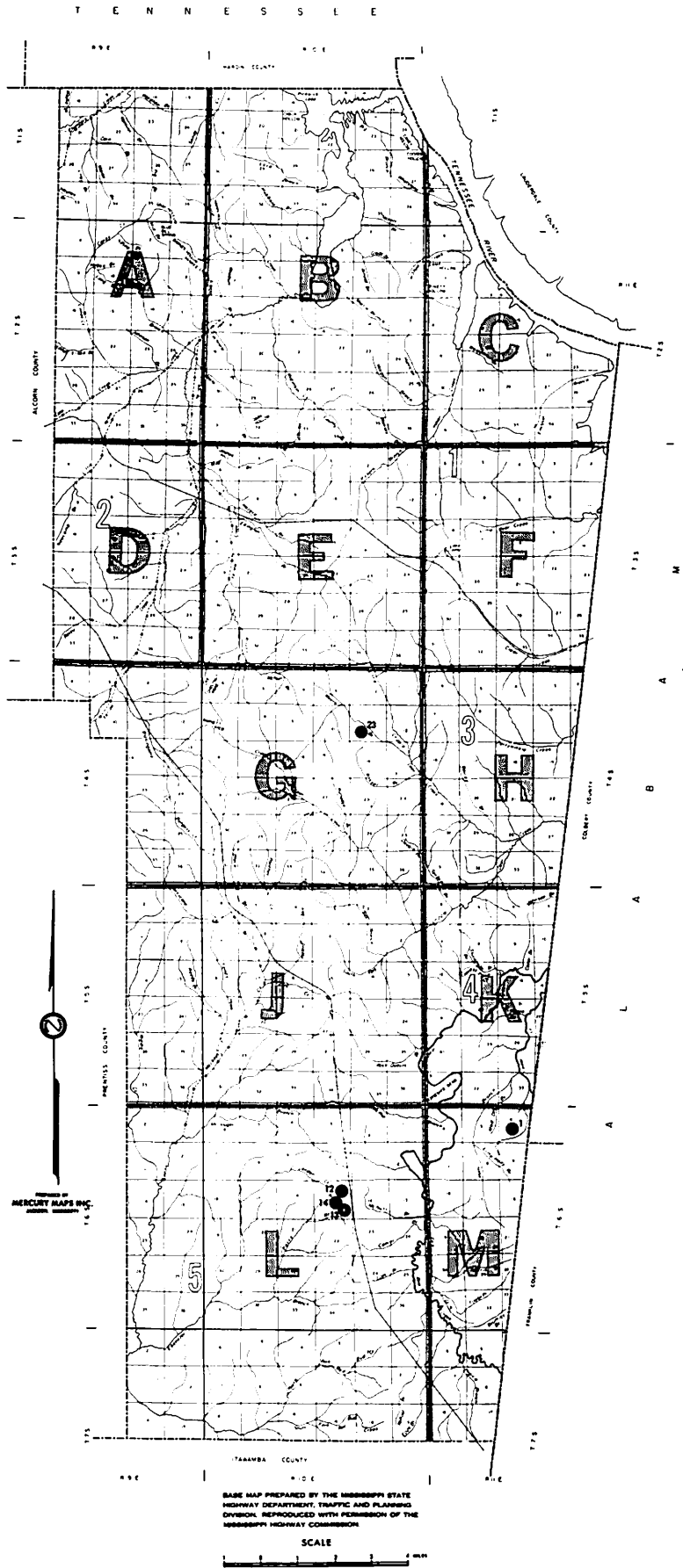


Figure 70. – Location of electrical logs in Tippah County.

TIPPAH

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
B3	Walnut Tippah County #1	32-	1S-	4E	400' -1020'	BOG	04-13-82
D2	Town of Tiplersville Well #2	19-	2S-	4E	11' - 931'	MGS	05-18-79
E2	Town of Faulkner	12-	3S-	3E	76' - 974'	BOG	06-08-82
K1	Town of Ripley	18-	4S-	4E	1012' -1050'	BOG	02-05-82



TISHOMINGO

FILE NO. MGS - USGS	OWNER	SEC.	TWP.	RANGE	LOG INT.	LOG BY	DATE LOGGED
G23	Midway-Pleasant Hill Water Association	11-	4S-	10E	42' - 202	BOG	09-15-81
L12	Town of Dennis Well #4	15-	6S-	10E	2' - 165'	Herndon	03-21-80
L13	Town of Dennis Well #5	15-	6S-	10E	2' - 177'	Herndon	04-21-80
L14	Dennis Water Association	15-	6S-	10E	28' - 188'	BOG	08-05-83
M1	Valley Grove	4-	6S-	11E	22' - 108'	BOG	05-17-83
M1	Valley Grove (Gamma Log)	4-	6S-	11E	10' - 108'	BOG	05-17-83

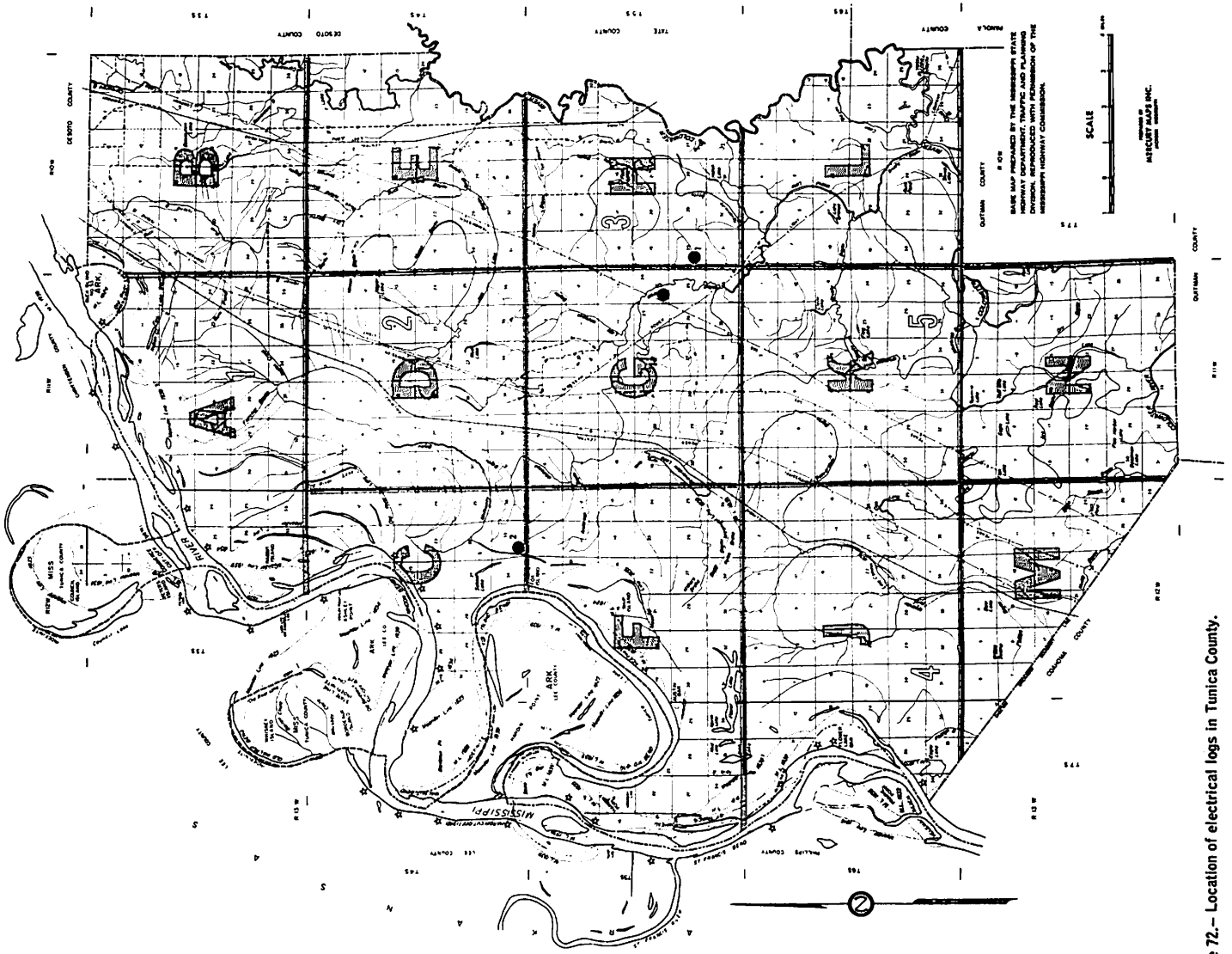


Figure 72.— Location of electrical logs in Tunica County.

TUNICA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C2	Mrs. Charles Wolfolk	35--	4S-- 12W	10'-1188'	B0G	03-25-81
G5	Paul Battle Magnolia Processing Plant	24--	5S-- 11W	221'-1675'	B0G	07-22-83
H1	Paul Battle	30--	5S-- 10W	168'-1716'	B0G	03-30-81

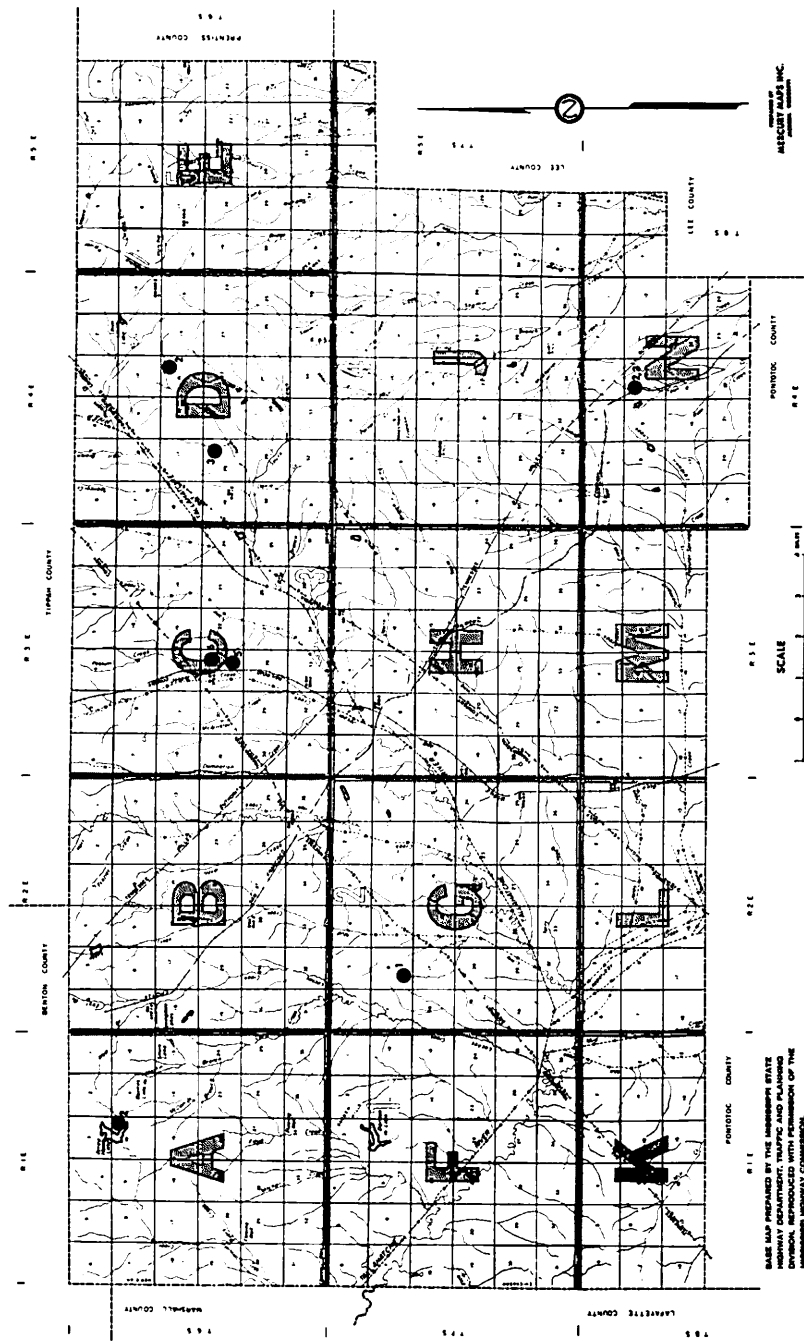


Figure 73.— Location of electrical logs in Union County.

UNION

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Lake Arrowhead	10-	6S- 1E	44' - 641'	B0G	04-23-84
C5	Piper Industries Well #2	21-	6S- 3E	10' - 900'	B0G	04-24-80
C6	ErteI Company	21-	6S- 3E	42' - 646'	B0G	09-08-81
D2	Keownville Water Association T. H. #6	15-	6S- 4E	94' - 934'	B0G	08-12-80
D3	Keownville Water Association	20-	6S- 4E	250' - 830'	B0G	09-19-80
G1	Highway 30 West Water Association	8-	7S- 2E	50' -1330'	B0G	05-02-83
N2	Blue Springs Water Association T. H. #1	10-	8S- 4E	60' - 955'	B0G	08-18-81
N3	Blue Springs Water Association T. H. #3	10-	8S- 4E	774' -955'	B0G	08-18-81

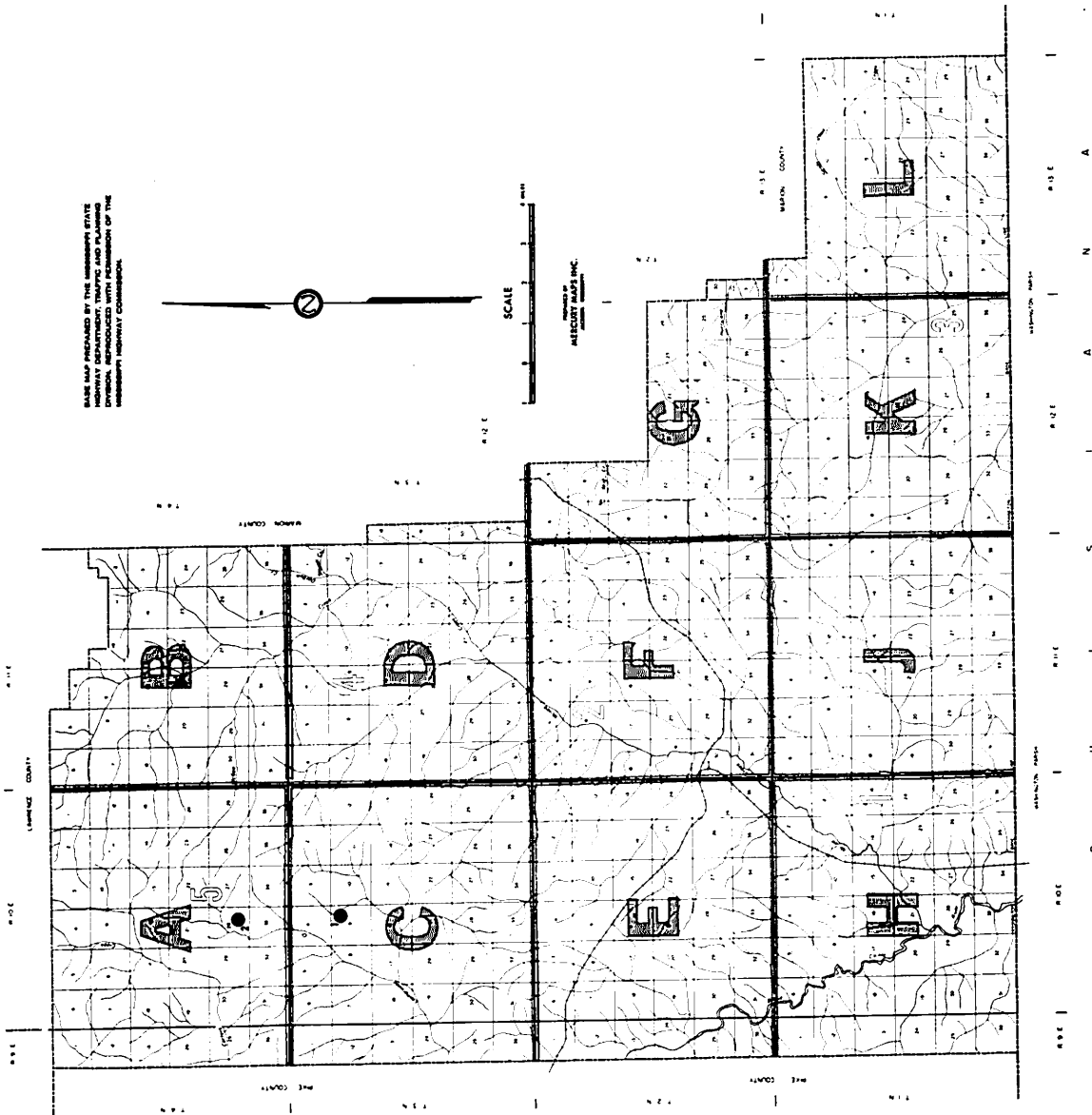


Figure 74.- Location of electrical logs in Waltham County.

WALTHALL

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Magee's Creek Water Association	28-	4N- 10E	50' - 515'	80G	03-02-82
C1	Transcontinental Pipeline Company	9-	3N- 10E	50' - 410'	80G	11-22-82

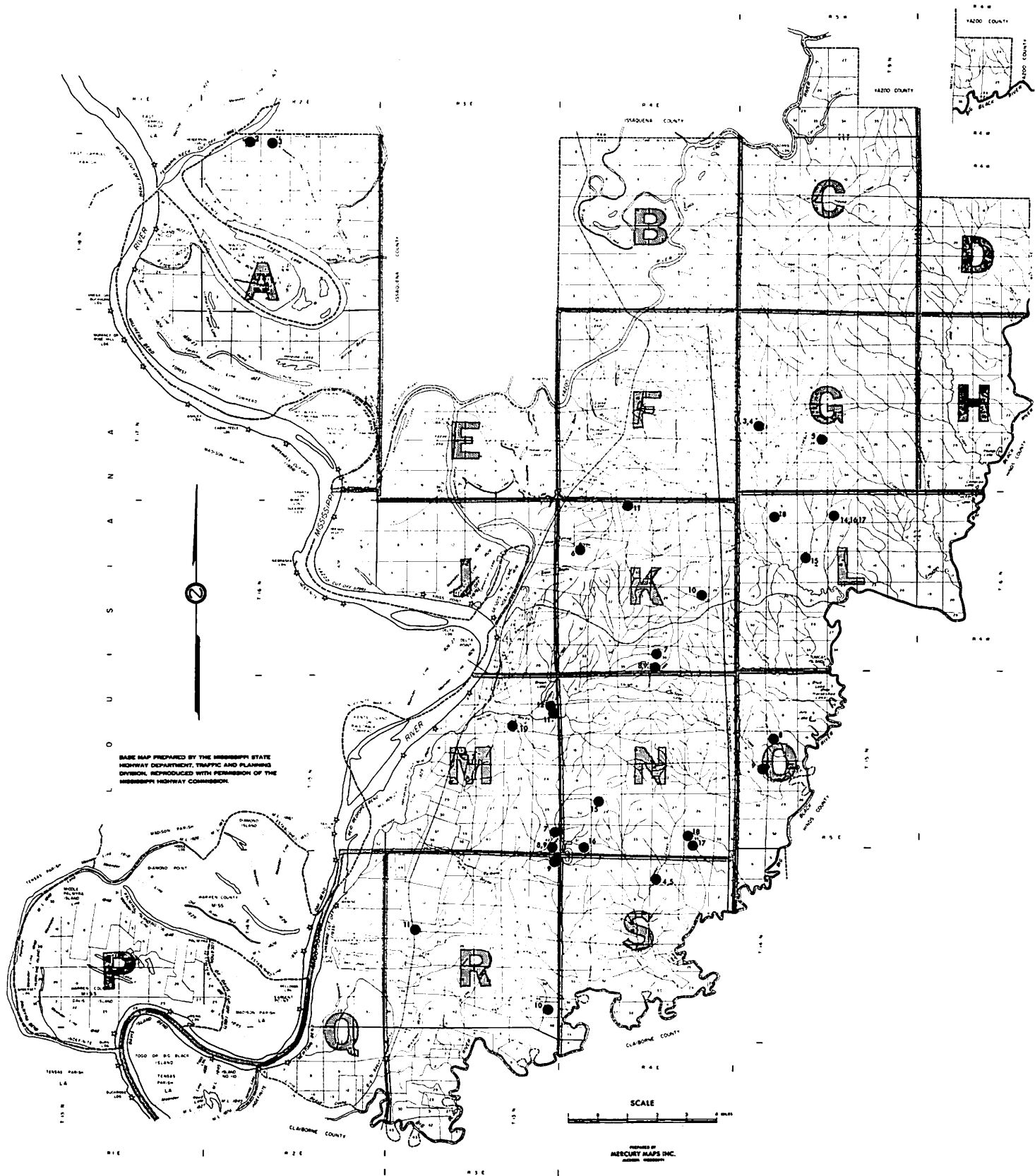


Figure 75.— Location of electrical logs in Warren County.

WARREN

FILE NO. MGS - USGS	OWNER	SEC.	TMP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A2	Mr. Whitfield	5-	18N- 2E	150' - 760'	BOG	10-06-83
A3	Steele Bayou Hunting Club	4-	18N- 2E	150' - 693'	BOG	10-14-83
G3	Union Oil of California; Fried Abraham Test Hole #1	19-	17N- 5E	10' -1094'	BOG	08-31-81
G4	Union Oil of California; Fried Abraham Test Hole #2	19-	17N- 5E	820' -1365'	BOG	09-09-81
G5	Mobil Oil	28-	17N- 5E	58' -1286'	BOG	07-14-82
K6	Emily Wilson	9-	16N- 4E	10' - 200'	MGS	07-10-79
K7	Hillsdale Water Association Test Hole #1	36-	16N- 4E	10' - 420'	BOG	11-13-79
K8	Hillsdale Water Association Test Hole #2	36-	16N- 4E	10' - 385'	BOG	02-05-80
K9	Hillsdale Water Association Well #4	36-	16N- 4E	10' - 398'	BOG	04-11-80
K10	Miller Construction Company Highway 80 Pit	25-	16N- 4E	10' -1346'	BOG	06-05-80
K11	W. J. Runyon	4-	16N- 4E	10' - 420'	BOG	08-30-83
L14	Harry Stewart	3-	16N- 5E	10' - 403'	MGS	04-14-79
L15	Louis Miller Construction Company	16-	16N- 5E	16' - 145'	MGS	07-18-79

WARREN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
L16	Harry Stewart Well #2	3-	16N- 5E	10' - 268'	B0G	12-21-79
L17	Placid Oil	3-	16N- 5E	47' -1111'	B0G	08-07-81
L18	Placid Oil	5-	16N- 5E	50' -1210'	B0G	01-21-82
M7	Fisher Ferry Water Association Test Hole #3	42-	15N- 3E	18' - 594'	B0G	10-16-79
M8	Fisher Ferry Water District Test Hole #4	42-	15N- 3E	10' - 472'	B0G	10-25-79
M9	Fisher Ferry Water Association Test Hole #5	42-	15N- 3E	10' - 598'	B0G	11-01-79
M10	George Lee	12-	15N- 3E	10' - 100'	B0G	03-17-81
M11	U. S. Army Engineers W. E. S.	13-	15N- 3E	14' - 284'	B0G	07-22-82
M12	Waterways Experiment Station	13-	15N- 3E	16' - 336'	B0G	07-16-84
M12	Waterways Experiment Station (Gamma Log)	13-	15N- 3E	2' - 337'	B0G	07-16-84
N15	Fisher Ferry Water District Inc. Test Hole #1	29-	15N- 4E	10' - 593'	B0G	08-28-79
N16	Fisher Ferry Water District Test Hole #2 for Well #3	31-	15N- 4E	10' - 597'	B0G	09-28-79

WARREN - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
N17	Runyon Gravel Company	35-	15N- 4E	50'-1201'	BOG	01-27-83
N18	Herbert Downing	35-	15N- 4E	100'- 440'	BOG	05-20-83
08	Bubba Selby	17-	15N- 5E	10'- 263'	BOG	04-14-81
09	John Bobb	19-	15N- 5E	100'- 960'	BOG	02-15-82
R9	Fisher Ferry Water District Test Hole #6	1-	14N- 3E	10'- 456'	BOG	11-07-79
R10	Billy Chantin	47-	14N- 3E	10'- 174'	BOG	08-21-80
R11	John M. Price	20-	14N- 3E	10'- 264'	BOG	03-23-81
S4	Runyon Gravel Company #1	3-	14N- 4E	10'-1200'	MGS	05-21-79
S5	Runyon Gravel Company #2	3-	14N- 4E	25'-1455'	MGS	07-27-79
S5	Runyon Gravel Company #2 (Gamma Log)	3-	14N- 4E	10'-1069'	BOG	10-04-83

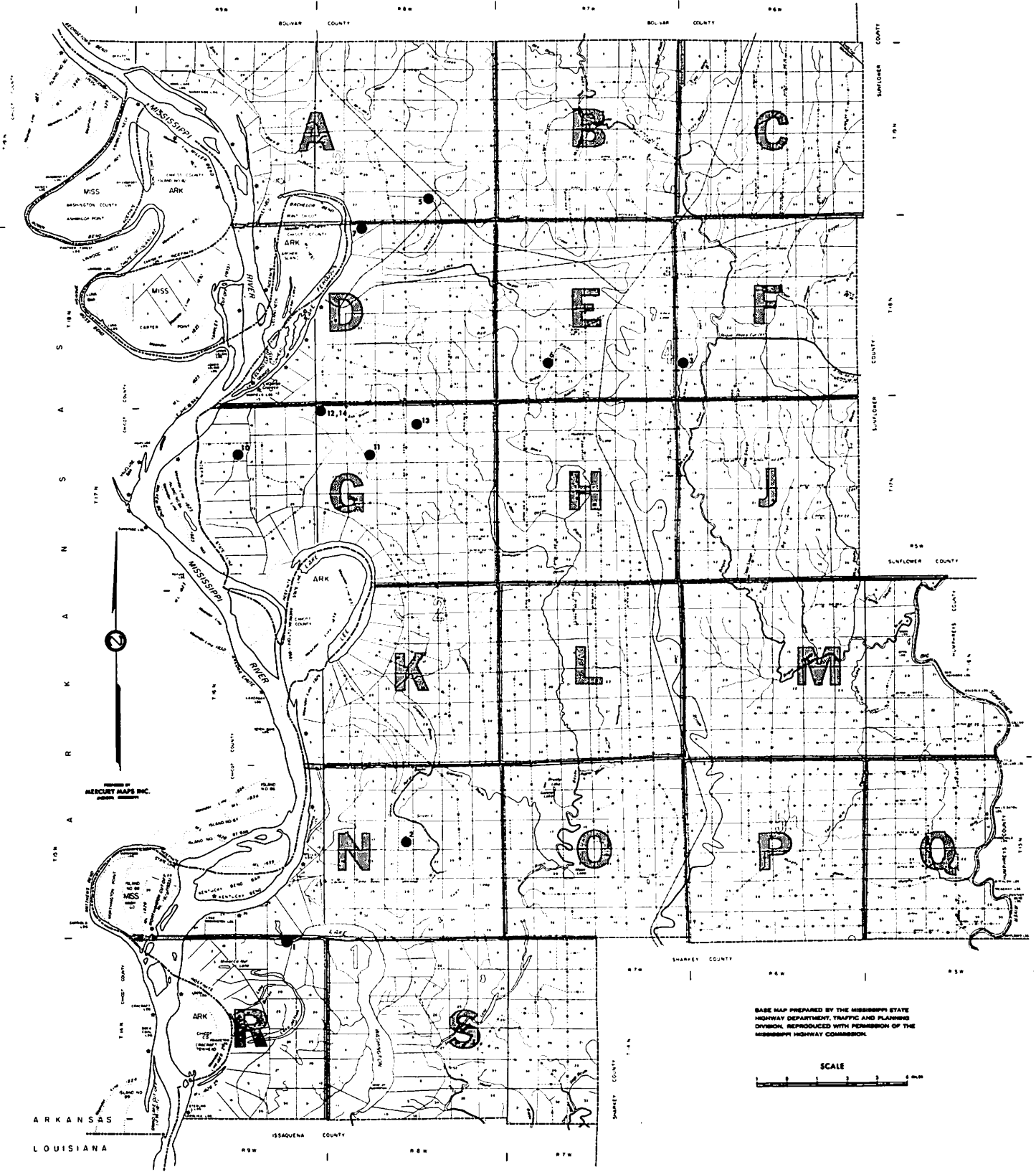


Figure 76.— Location of electrical logs in Washington County.

WASHINGTON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A5	City of Metcalfe Well #2	34-	19N- 8W	9' - 486'	B0G	04-29-80
D7	U. S. Coast Guard	1-	18N- 8W	66' - 508'	B0G	10-06-82
E6	City of Leland (LF-76-S-1)	29-	18N- 7W	6' - 50'	B0G	07-01-82
F3	City of Leland (LF-76-T-1)	30-	18N- 6W	6' - 50'	B0G	07-01-82
G10	Vlasic Food Company	3-	17N- 9W	24' - 482'	MGS	01-12-79
G11	Swiftwater Water Association Well #2	13-	17N- 8W	30' - 504'	B0G	05-04-82
G12	Dr. R. N. Soares (Gamma Log)	11-	17N- 8W	9' - 464'	B0G	05-13-83
G13	Gerald Turner	8-	17N- 8W	10' - 440'	B0G	08-18-83
G14	Dr. Robert Soares	11-	17N- 8W	10' - 530'	B0G	12-09-83
N2	U. S. Naval Space Surveillance	16-	15N- 8W	10' - 730'	B0G	04-09-82
R1	Lake Jackson Water Association	14-	14N- 9W	110' -1172'	B0G	06-10-83

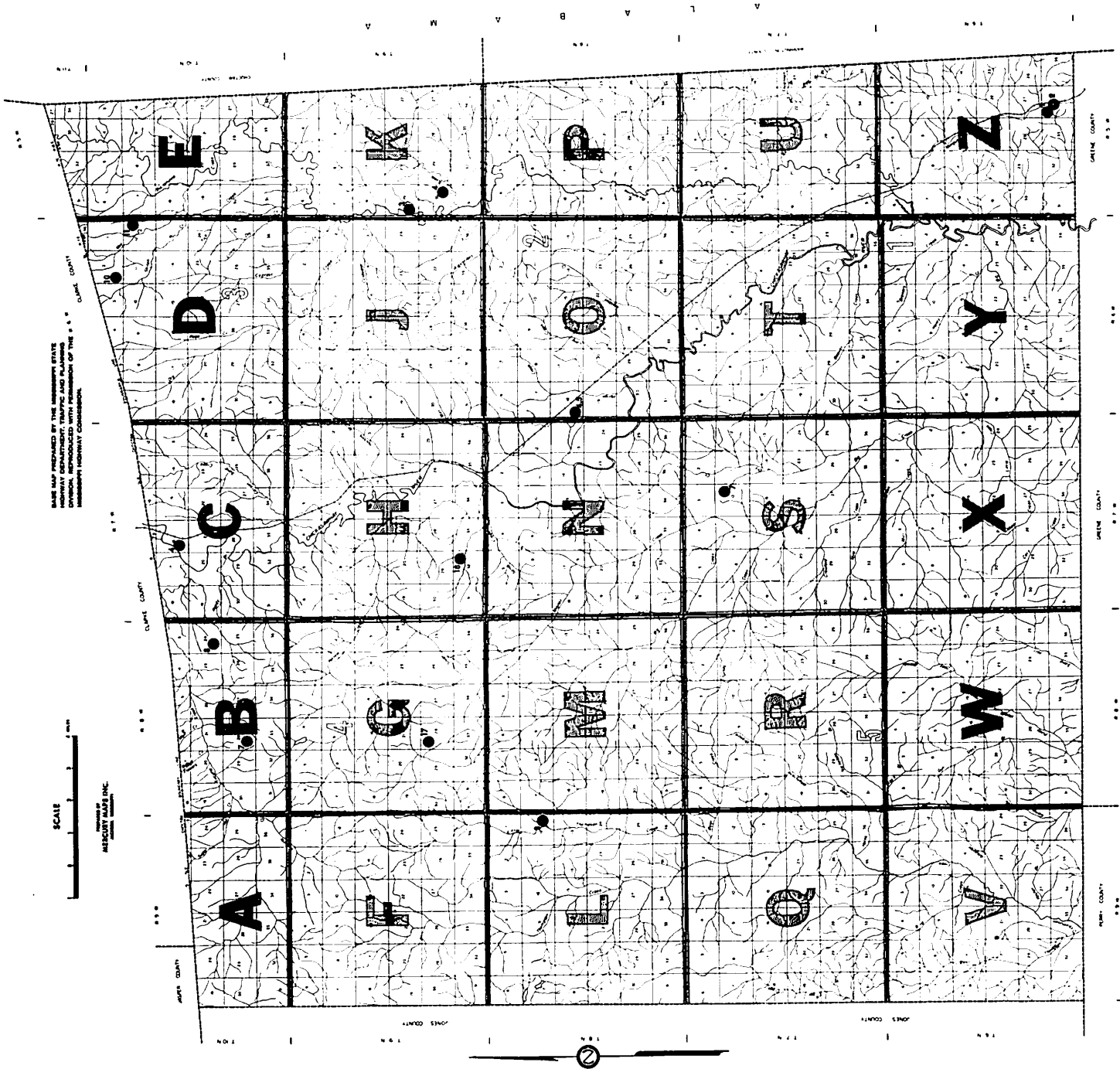


Figure 77.- Location of electrical logs in Wayne County.

WAYNE

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
B7	Masonite Tree Farm	28-	10N- 8W	10' - 562'	MGS	06-14-79
B8	Hiwasee Water Association	24-	10N- 8W	166' - 2806'	B0G	12-09-81
C4	Waynesboro	16-	10N- 7W	50' - 2420'	B0G	01-11-82
D10	A. P. Mathers	2-	10N- 6W	390' - 558'	B0G	12-05-80
D11	Hays #1	12-	10N- 6W	50' - 470'	B0G	03-03-82
G17	B0G - Oligocene Stratigraphy Test #2	28-	9N- 8W	0' - 216'	B0G	06-17-80
H18	B0G LF-77-B-1	32-	9N- 7W	10' - 84'	B0G	08-20-82
K3	Edgar Everett	19-	9N- 5W	76' - 300'	B0G	09-24-81
K4	Dudley Wells	30	9N- 5W	41' - 392'	B0G	11-03-81
L3	Jim Taylor	12	8N- 9W	17' - 310'	B0G	05-06-83
04	Longleaf Forest Products, Inc. Test Hole #4	18-	8N- 6W	0' - 150'	B0G	02-24-82
05	Longleaf Forest Products, Inc.	18-	8N- 6W	0' - 135'	B0G	02-18-82
S7	Clara Water Association Well #4	10-	7N- 7W	50' - 346'	B0G	09-11-81
Z1	Town of State Line	34-	6N- 5W	20' - 704'	B0G	09-21-83
Z2	Town of State Line	34-	6N- 5W	150' - 703'	B0G	10-27-83

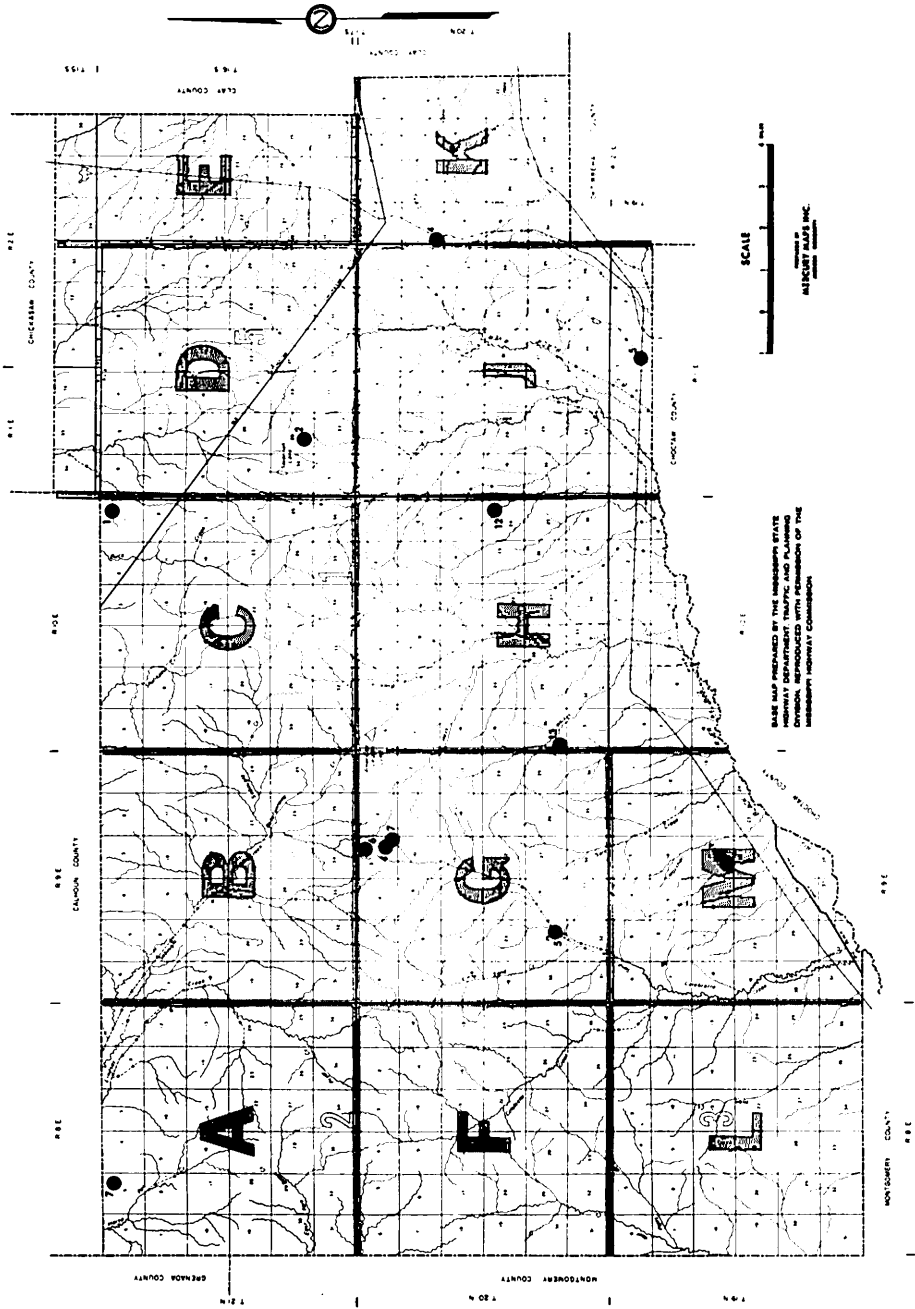


Figure 78. - Location of electrical logs in Webster County.

WEBSTER

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A7	Cadaretta Water Association	5-	21N- 8E	10' - 405'	B0G	03-27-81
C1	Sean Martinez	1-	21N- 10E	24' - 127'	B0G	06-20-80
D2	Savannah Water Association	29-	21N- 11E	60' -2146'	B0G	12-08-82
G4	Webster Center Water Association #1	3-	20N- 9E	43' - 424'	MGS	04-04-79
G5	Webster Center Water Association	29-	20N- 9E	60' - 370'	B0G	11-16-79
G6	Webster Center Water Association T. H. #4 for Well #1	3-	20N- 9E	10' - 354'	B0G	12-19-79
G7	Webster Center Water Association T. H. #8 for Well #1	3-	20N- 9E	10' - 359'	B0G	04-16-80
H12	Bobby Newland	24-	20N- 10E	10' - 261'	MGS	05-25-79
H13	Mt. Zion Water Association	30-	20N- 10E	100' - 400'	B0G	10-17-83
J5	Town of Mathiston	3-	19N- 11E	40' -2325'	B0G	08-29-80
K4	Cumberland Water Association	7-	20N- 12E	42' -2075'	B0G	02-03-84
M11	Town of Eupora Observation Well	15-	19N- 9E	80' - 364'	B0G	04-05-83

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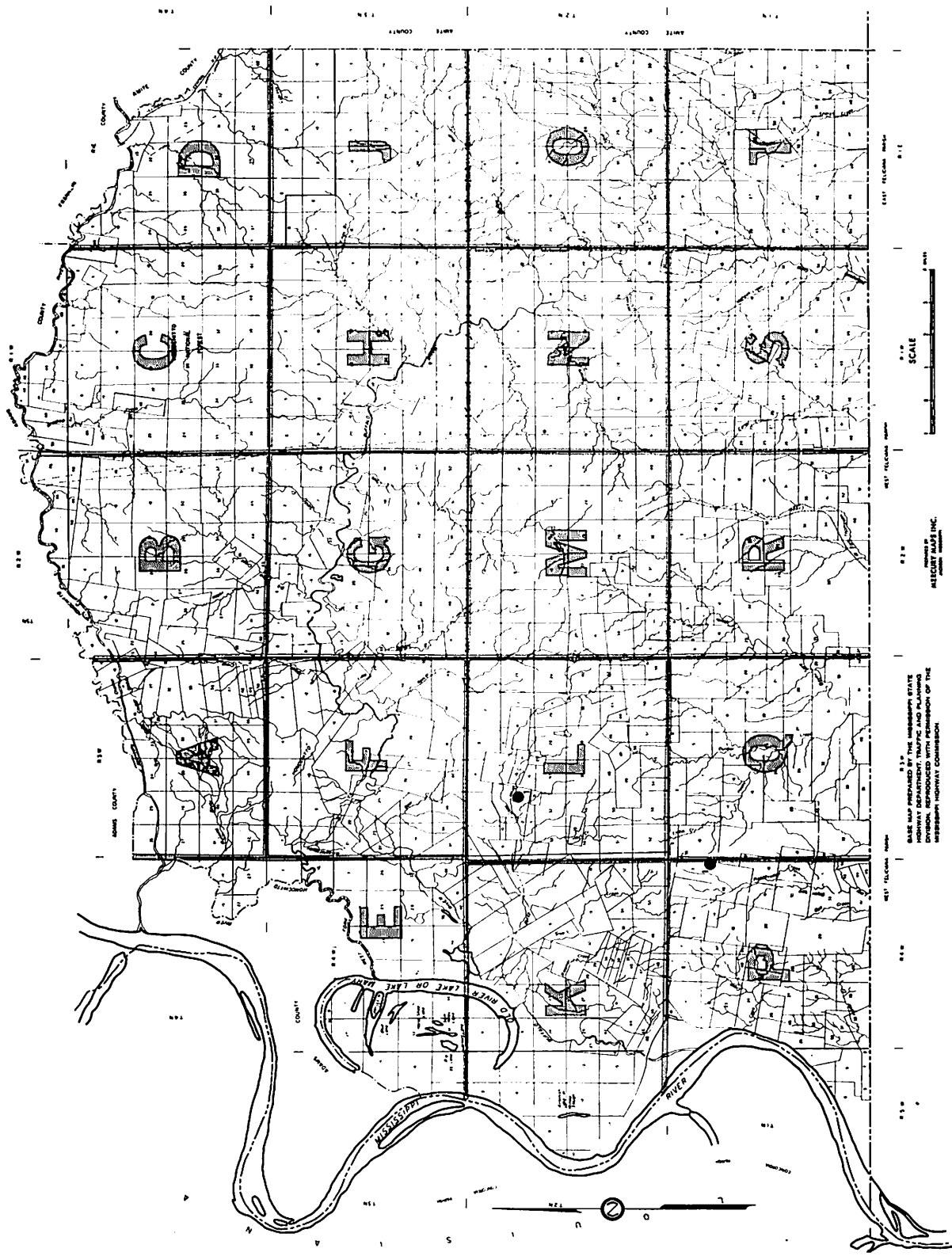


Figure 79.— Location of electrical logs in Wilkinson County.

WILKINSON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
L1	Clarence Dooley (Gamma Log)	14-	2N- 3W	10' - 105'	B0G	11-03-82
P1	Amoco Production Company #1 T. H. #2 Ovid B. Wilcox et al. (Gamma and E-log)	2-	1N- 4W	10' - 565'	B0G	02-02-81

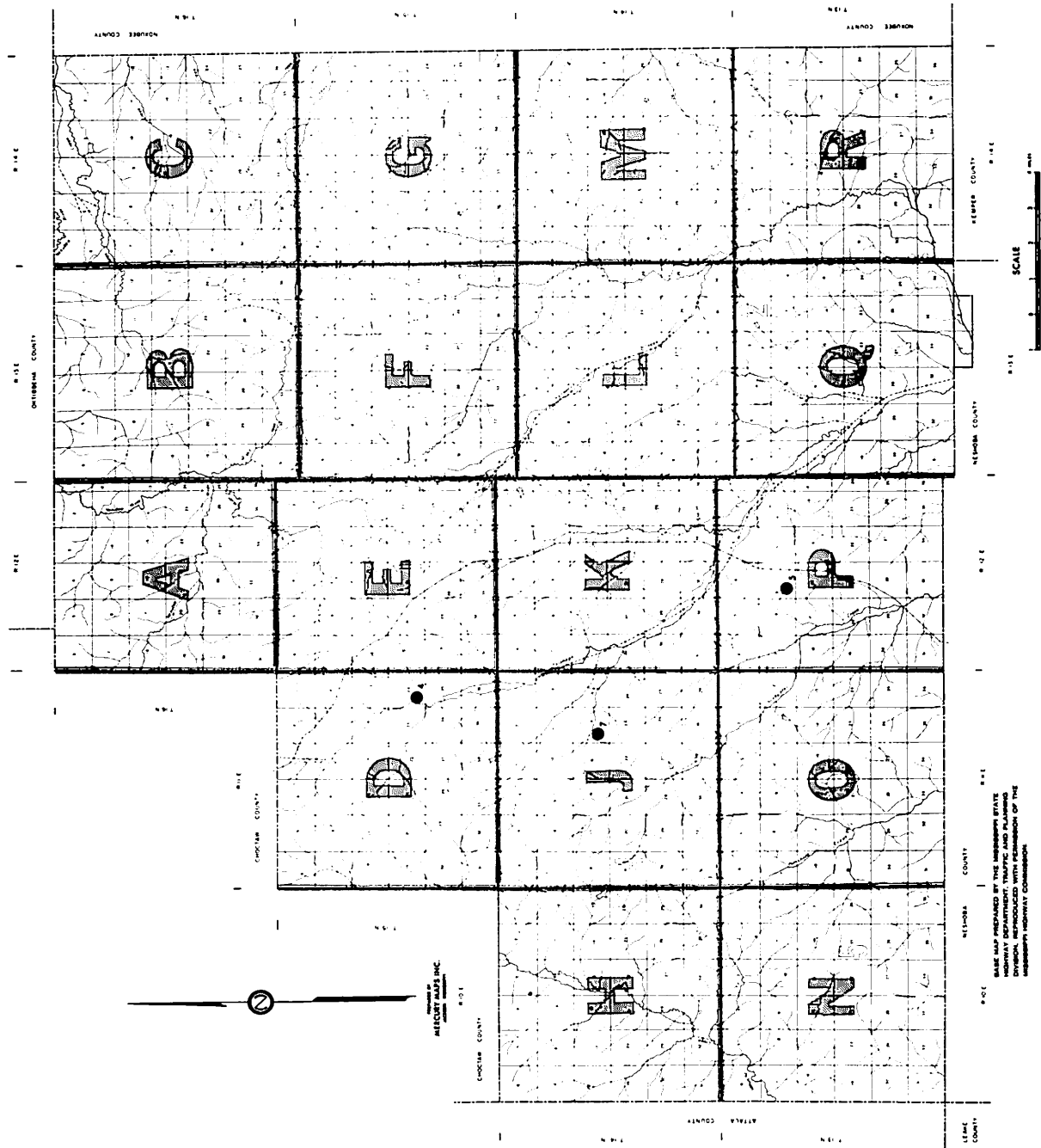


Figure 80.— Location of electrical logs in Winston County.

WINSTON

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
D4	Paul Sullivan Catfish Farm	24-	15N- 11E	25' - 486'	B0G	06-02-81
J7	Calvary Water Association Well #2	14-	14N- 11E	30' - 481'	B0G	09-05-79
P5	Noxapater Water Association Well #3	9-	13N- 12E	50' - 599'	B0G	05-17-82

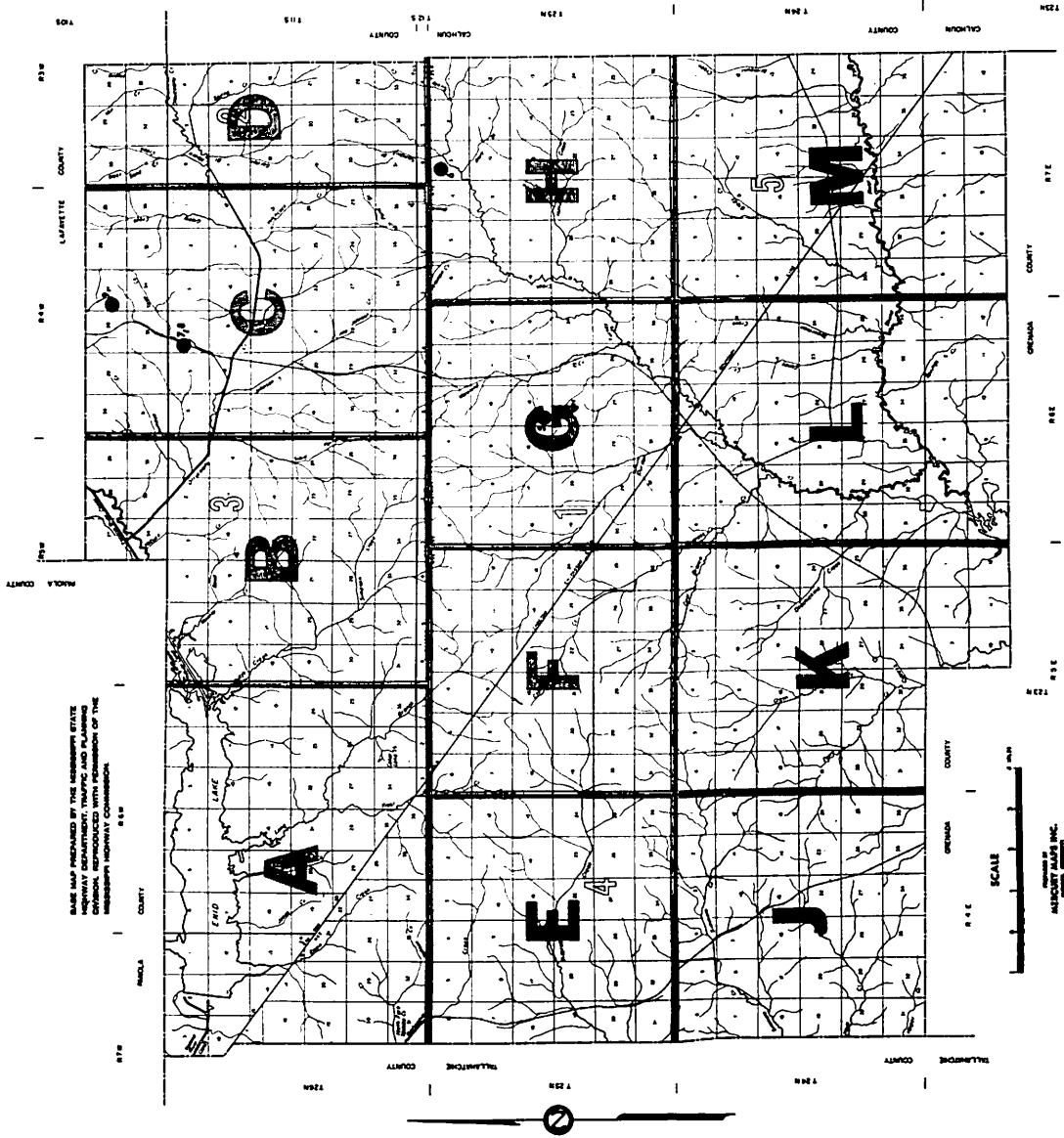


Figure 81. – Location of electrical logs in Yaobusha County.

YALOBUSHA

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
C7	Town of Water Valley	4-	11S- 4W	10'- 130'	B0G	12-04-82
C8	Town of Water Valley	4-	11S- 4W	15'- 100'	B0G	12-04-82
C9	Tri Lake Water Association	27-	10S- 4W	202'- 703'	B0G	10-25-83
G5	Yalobusha Water Association	15-	25N- 6E	10'- 490'	MGS	02-27-79
H6	Yalobusha Water Association (Pine Valley)	3-	25N- 7E	10'- 495'	MGS	03-07-79

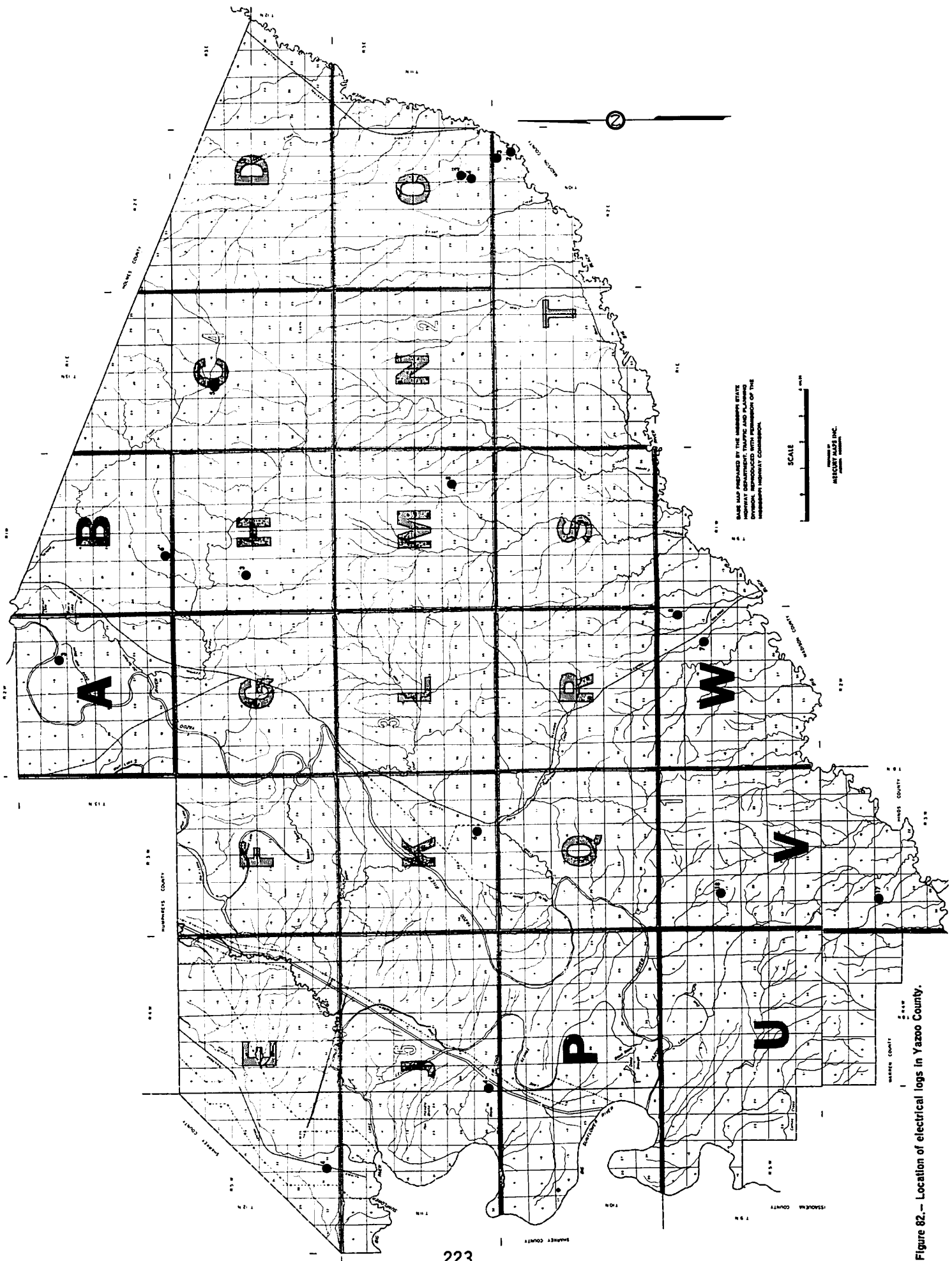


Figure 82.— Location of electrical logs in Yazoo County.

YAZOO

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
A3	Rodney Henderson Fish Farm	11-	13N- 2W	30' - 925'	BOG	04-04-80
B6	E. D. Dew (T. H. #1)	21-	13N- 1W	84' - 970'	BOG	07-06-84
C5	MMRI LTH #83-06	9-	12N- 1E	18' - 119'	BOG	04-10-84
E4	Lake City Water Association #3	34-	12N- 5W	158' -1350'	BOG	05-09-84
H3	Clarence Powell	17-	12N- 1W	10' - 380'	MGS	07-05-79
J4	Bruce Dent	31-	11N- 4W	10' -1230'	BOG	03-07-84
K6	Dudley Pillow	34-	11N- 3W	10' - 998'	BOG	03-14-80
M4	Herby Hicks	26-	11N- 1W	50' -1322'	BOG	03-23-83
O3	MMRI LTH #83-01 (Gamma Log)	26-	11N- 2E	8' - 45'	BOG	03-26-84
O4	MMRI LTH #83-05 (Gamma Log)	35-	11N- 2E	10' - 45'	BOG	03-26-84
T2	MMRI LTH #83-02 (Gamma Log)	1-	10N- 2E	10' - 95'	BOG	03-22-84
T3	MMRI LTH #83-03 (Gamma Log)	2-	10N- 2E	10' - 79'	BOG	03-23-84
V17	Olie Ellis	17-	8N- 3W	80' - 166'	BOG	09-11-81
V18	Home Petroleum Company #1 H. A. Ryan	17-	9N- 3W	10' -1365'	BOG	12-27-84

YAZ00 - (Continued)

FILE NO. MGS - USGS	OWNER	SEC.	TWP. RANGE	LOG INT.	LOG BY	DATE LOGGED
W7	Red Hancock Oil Field Construction	11-	9N- 2W	14' - 621'	B06	10-14, 10-18-82
W8	W. S. "Red" Hancock, Inc.	1-	9N- 2W	396' -1402'	B06	11-04-82



