THICKNESS OF THE MISSISSIPPI RIVER VALLEY ALLUVIUM AND ITS RELATIONSHIP TO THE UNDERLYING TERTIARY FORMATIONS OF NORTHWESTERN MISSISSIPPI

By

James H. Hoffmann, RPG

Open-File Report 291

Mississippi Department of Environmental Quality Office of Geology

In Cooperation with the Office of Land and Water Resources

David T. Dockery

State Geologist

November 2017

THICKNESS OF THE MISSISSIPPI RIVER VALLEY ALLUVIUM AND ITS RELATIONSHIP TO THE UNDERLYING TERTIARY FORMATIONS OF NORTHWESTERN MISSISSIPPI

By

James H. Hoffmann, RPG

Open-File Report 291

James H. Hoffmann, RPG
September 29, 2017

Thickness of the Mississippi River Valley Alluvium and its Relationship to the Underlying Tertiary Formations of Northwestern Mississippi

Table of Contents

Contents Page No.

Introduction……1

Purpose and Scope……2

Methods……2

Thickness of the Mississippi River Valley Alluvium……4

Thickness of the Interval Between the Base of the MRVA
and the top of the Uppermost Tertiary Sand……5

Elevation of the Top of the Tertiary Surface……6

Limitations……6

Acknowledgements……7

SELECTED REFERENCES……8

FIGURES

1. Selected Structural Features of the Mississippi Embayment and Extent of the Yazoo Basin

TABLES

1. Stratigraphic Units of the Yazoo Basin in Northwestern Mississippi
2. Information Derived from Interpretations of Borehole Geophysical Logs

PLATES……..……In Pocket

1. Locations of Wells and Boreholes Utilized as Sources of Data
2. Thickness of the Mississippi River Valley Alluvium
3. Thickness of the Interval Between the Base of the Mississippi River Valley Alluvial Aquifer (MRVA) and the Top of the Uppermost Tertiary Sand
4. Elevation of the Top of the Tertiary Surface in the Alluvial Plain of Northwestern Mississippi

Thickness of the Mississippi River Valley Alluvium and its Relationship to the Underlying Tertiary Formations of Northwestern Mississippi

Introduction

The Mississippi River alluvial plain in northwestern Mississippi extends over an area of about 7,000 square miles in nineteen counties. This area of low topographic relief, commonly known as the Yazoo Basin and locally as the Delta, extends from Memphis, Tennessee, on the north to Vicksburg, Mississippi, on the south. It is bounded by the Mississippi River on the west and the Bluff Hills of the uplands to the east. The Yazoo Basin lies within a larger geologic feature, the Mississippi Embayment, a north-south sloping structural trough, the axis of which is more or less parallel to the Mississippi River (Figure 1). Thousands of feet of sediments ranging in age from Jurassic to Quaternary have been deposited within the Embayment.

The land surface of the Yazoo Basin slopes gradually southward from an elevation of approximately 215 feet above Mean Sea Level (MSL) in DeSoto County to as low as 60 feet near Vicksburg in Warren County. On the eastern side of the basin, streams entering the plain from the Bluff Hills have built alluvial fans, the surfaces of which may be as much as 40 feet higher than adjacent areas of the Delta plain. The entire Yazoo Basin is underlain by fluvial deposits that are the product of multiple cycles of erosion and alluviation within the Mississippi River valley resulting from several episodes of advance and retreat of glaciers. Glaciation during the Pleistocene lowered sea level. This effectively increased gradients of the streams, causing them to erode down into the Tertiary surface. As the ice sheets melted and sea level rose, stream gradients decreased, and the alluvial valley filled with sediments. The alluvium ranges in total thickness from less than 50 feet, primarily adjacent to the bluff edge, to more than 200 feet in very limited areas. In most of the Yazoo Basin the thickness ranges from 120 to 160 feet and averages about 140 feet. The thickest alluvium, generally 150 feet or more, typically is found where the courses of the most deeply incised streams have been filled in. The alluvial sequence usually consists of an upper, fine-grained top-stratum interval and a lower aquifer unit comprised of sand and gravel. All references to alluvial thickness in this report pertain to total thickness of the entire sequence and do not represent aquifer thickness.

Geologic units that sub-crop beneath the Mississippi River Valley alluvium (MRVA) range in age from Eocene to Oligocene and are classified within the Tertiary System (Table 1). From oldest to youngest these are the Zilpha, Sparta, Cook Mountain, and Cockfield formations, the Yazoo Clay and Moodys Branch of the Jackson Group, and the Forest Hill formation. These units generally dip to the west in the northern part of the Yazoo Basin and southwest in most of the central part. They are structurally affected by the Desha Basin in Bolivar and Washington Counties, the Monroe-Sharkey Uplift in southern Washington and adjacent Issaquena and Sharkey Counties, the Midnight Volcano in Humphreys County, and structures at Cary in Sharkey County and Tinsley in Yazoo County.

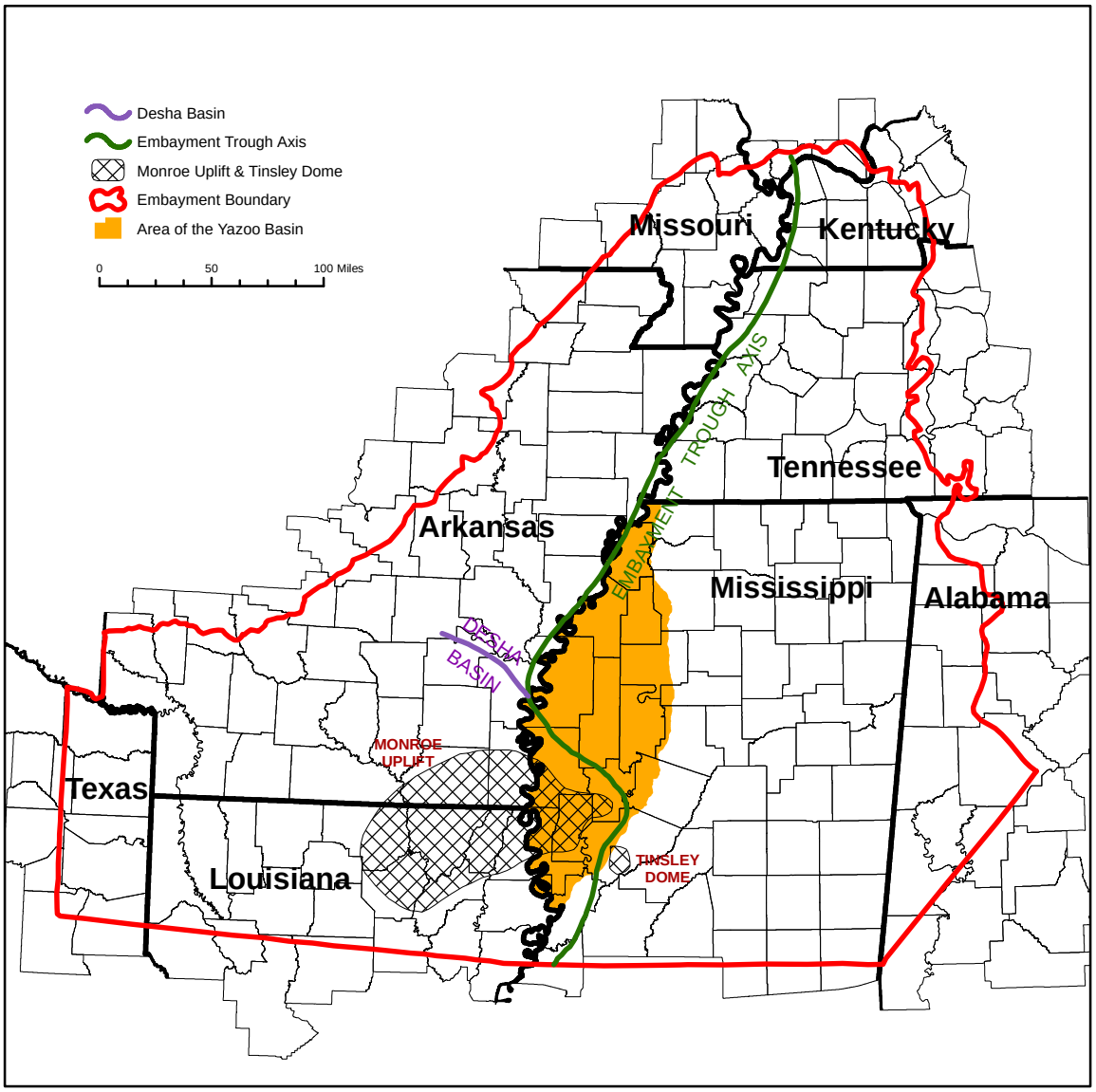


Figure 1: Selected Structural Features of the Mississippi Embayment and Extent of the Yazoo Basin (Modified from Cushing, Boswell, & Hosman, 1964)

System	Series	Group	Stratigraphic Unit
Quaternary	Holocene		Recent alluvium and alluvial fan deposits
	Pleistocene		Mississippi River Valley alluvium
			Loess
			Terrace Deposits
Tertiary	Oligocene	Vicksburg	Bucatunna formation
			Byram formation
			Glendon formation
			Mint Spring formation
			Forest Hill formation
	Eocene	Jackson	Yazoo Clay
			Moodys Branch formation
		Claiborne	Cockfield formation
			Cook Mountain formation
			Sparta formation
			Zilpha formation
			Winona formation
			Tallahatta formation
			Meridian Sand formation
		Wilcox	Undifferentiated
	Paleocene		

Table 1: Stratigraphic Units of the Yazoo Basin in Northwestern Mississippi (Modified from Dockery, 1997)

Purpose and Scope

Since the work of Fisk (1944), several reports have been published concerning the MRVA and its potential hydrologic relationships with the underlying geologic units in the Yazoo Basin. Most of this work was based upon analysis of a combination of borehole geophysical logs, water well driller's logs, and written records of logs of geotechnical and other types of boreholes. The information presented in these reports was not associated with locations entered into Geographical Information Systems (GIS) nor was information readily accessible that specifically related to each well used in preparation of the reports.

The purpose of this report is to: (1) present interpretations concerning the thickness of the MRVA and the elevation, character, and thickness of the uppermost intervals of the underlying Tertiary geologic units based primarily upon information derived from borehole geophysical logs supported by other data, (2) provide documentation of data developed from 817 georeferenced borehole geophysical logs used in preparation of this report, and (3) develop a GIS-based data set which can be expanded as additional data becomes available and is principally derived from borehole geophysical log information that can be independently reviewed and evaluated.

Methods

More than 800 borehole geophysical logs were examined to perform the interpretations presented in this report. Information was obtained from analyses of geophysical logs of boreholes drilled for water wells, oil and gas exploration, geotechnical investigations, and stratigraphic tests. Evaluation of the character of geophysical logs was the primary factor in these assessments although information from water well driller's logs, descriptions of cuttings from boreholes, and oil and gas scout cards were also reviewed. The types of borehole geophysical data used in this study were spontaneous potential, resistivity and induction, and natural gamma radiation logs.

Paillet and Crowder (1996) defined geophysical logs as a series of measurements made along the axis of a borehole. They stated: "Although each geophysical measurement is interpreted according to the specific physical principals involved, all sets of geophysical logs have three fundamental attributes that contribute to the analysis of aquifer properties in a way that is unique to this class of measurement."

The three attributes that they identified were:

1. Geophysical logs contain a continuous depth scale associated with a continuous series of measurements, each made in the same borehole in the same way with the same equipment.
2. Geophysical logs sample the undisturbed formation in situ around the borehole. The entire sampled volume includes the borehole itself and fluids within it, the surrounding annulus possibly affected by drilling, and the undisturbed formation containing natural formation fluids and invasive drilling fluids.

3. Geophysical logging equipment is designed so that more than one type of geophysical measurement, each of which is based on different physical principals, can be made in the same borehole.

Borehole geophysical tools can be used to measure physical properties of geologic materials around a borehole and fluids contained within those materials. These tools directly measure or enable interpretations to be made concerning properties such as the character of geologic materials and thicknesses of distinct intervals adjacent to the borehole. The radius of investigation around a borehole for most geophysical measurements typically varies from several inches to a few feet. Interpretation of the resulting logs can be used to correlate geologic units from one well to another, determine thickness and lithologic character of intervals within the borehole, estimate the lateral extent in the subsurface of various geologic units, and broadly estimate water quality. The degree of detail displayed in the curves recorded on geophysical logs can be highly variable. This qualitative factor can affect the reliability of interpretations of log character because the response of logging tools to changes of the formation and fluids adjacent to the borehole may be less distinctly displayed in the curves from some wells with respect to others.

All the information developed from this study was entered into an Excel database which was used to prepare Table 2 of this report. Each well from which interpretations were made was assigned a unique identification that incorporated the Federal Information Processing Standard (FIPS) code for the county in which it was located. Other information recorded included the county name, location of the well by latitude and longitude in decimal degrees, location by section, township, and range, as well as elevation of land surface and elevation of the zero-depth reference point of the geophysical log. All depths, thicknesses, and elevations are expressed in units of feet. Various comments have been entered concerning many of the wells in the table.

Regarding the base of the MRVA, drill depth on the log and elevation of the base of MRVA/top of Tertiary surface relative to MSL were recorded as well as total MRVA thickness. If there was some question concerning the reliability of the determination of the MRVA base on a log, it was noted. The name of the formation subcropping immediately beneath the MRVA was entered for each well and both the drill depth to the top of the uppermost significant Tertiary sand interval beneath the MRVA and the net sand thickness of that interval were recorded. The thickness and character of the interval separating the MRVA base from the topmost Tertiary sand were also noted. Finally, the drill depth on each log and elevation relative to MSL were recorded for the top of each of the following Tertiary geologic units: Glendon formation, Forest Hill formation, Jackson Group, Cockfield, Cook Mountain, Sparta, Zilpha, Winona, and Tallahatta formations, and the Meridian Sand. Correlations of geophysical logs were based primarily on electrical characteristics and may not correspond exactly to formational boundaries that might be established by direct lithologic or paleontological evidence.

A series of four maps (Plates 1 – 4) were prepared based upon information developed from this study. Plate 1 is a map showing the location of each of the wells used in the study. Next to each point at which a well is located, the identification code for that well is printed. A map of the total thickness of the MRVA is depicted on Plate 2. This map shows the thickness in feet of the MRVA at each data point that was used in its preparation. The thickness in feet of the interval separating the

base of the MRVA from the top of the uppermost significant Tertiary sand is depicted on Plate 3. Thickness of this interval in each well is printed on the map adjacent to the appropriate data point. Plate 4 shows the elevation of the top of the surface of the Tertiary formations subcropping beneath the MRVA in feet relative to MSL. Elevation of the top of the Tertiary surface at each data point is shown on the map. Each data point shown on the maps is color-coded to identify the Tertiary formation that subcrops beneath the MRVA at that location.

On each map, a point may appear to have more than one value associated with it. This is the result of wells located in proximity to one another that plot at essentially one location at the scale on which the map is produced. Additionally, data points are displayed on some of the maps which appear to have no values associated with them. In such cases, there is simply not sufficient space on the maps at the published scale to display a value associated with each well. Every reasonable effort has been made to display as much data as possible on each map. Table 2 includes details of locations and other data associated with each well used in the preparation of this report.

The base map used for each of these plates shows the location of the study area within the state (inset) and the boundaries of each of the nineteen counties of the study area, the eastern margin of the alluvial plain, and Public Land Survey System (PLSS) information concerning township and range, and sections within each township.

Thickness of the Mississippi River Valley Alluvium

Plate 2 shows the thickness of the MRVA in the Yazoo Basin of northwestern Mississippi contoured at intervals of 50 feet. The most noteworthy feature of the map is the generally north-south oriented area of 150 feet or greater thickness (green) that occurs from Tunica County through the central part of the alluvial plain to Warren, Issaquena and Sharkey Counties. Another such feature runs southward through Bolivar County joining the other in southwestern Sunflower County. These thicker, longitudinally-shaped features represent “flow-ways” of persistent significant channel development. The patterns of these filled-in, former deeply incised river channels are strikingly similar those on the map in Gandl (1982) which was modified from an earlier report by Dalsin (1978). Within these areas are highly localized intervals 200 feet thick or greater (red) that probably were deposited in deeper pools scoured in old river channels adjacent to the cut banks of meanders. Observations from geophysical logs and cuttings obtained from drilling have revealed evidence of multiple cycles of fluvial deposition (Hoffmann and Bryant, 1999).

The areas in which the MRVA is thinnest are primarily along the eastern edge of the Delta plain where the alluvium is often 100 feet thick or less (tan) and may be less than 50 feet in thickness (blue). Another area of thinner alluvium is apparent on the western side of the Yazoo Basin in Washington County.

Thickness of the Interval Between the Base of the MRVA and the Top of the Uppermost Tertiary Sand

The thickness of the interval between the base of the MRVA and the top of the uppermost significant Tertiary sand in the Yazoo Basin is shown in Plate 3. Variable contour intervals were chosen for this map to illustrate areas of greater or less separation between the aquifers. The intervals are 0-20 feet thickness, 20-50 feet, and 50-100 feet. A contour interval of 100 feet was used for areas in which separation was that thickness or greater.

Areas of least separation (0-20 feet) are colored blue and those of 20-100 feet thickness are shown in yellow. The areas of greatest vertical separation (100 feet or more) between the base of the MRVA and the uppermost substantial sand in the underlying Tertiary are shown in brown.

It is apparent from the data depicted on this map that thickness of this interval can be highly variable locally. This is caused by changes in character of the underlying Tertiary sediments, the effects of structural variations upon the subcropping geologic units, and the erosional nature of the contact between the MRVA and the Tertiary formations.

Vertical movement of water through porous material between aquifers is controlled by several factors. The principles that define such movement are expressed in Darcy's Law (Freeze and Cherry, 1979). The rate of fluid flow between two aquifers at any location is directly related to the difference in hydraulic head between the aquifers, the thickness of the interval separating the aquifers, and the permeability of the materials comprising that interval. For an interval of any specific permeability, the rate of fluid movement is directly proportional to the difference in hydraulic head between aquifers and inversely proportional to the vertical distance separating them. The direction of potential fluid movement will be from an aquifer in which water is under higher head toward one with lower head.

There is considerable variability in the character of the interval between the base of the MRVA and the top of the uppermost Tertiary sand from one location to another throughout the Delta. This layer may be comprised entirely of clay of very low permeability on one extreme or it may consist of more permeable very sandy or silty clay with interbedded sands on the other. For this reason, the terms "aquiclude" or "aquitard" have not been applied to describe this interval. A description of the character of this layer was interpreted for each well included in this study and is presented in Table 2.

While water may not readily move through a relatively thin interval comprised of material having low permeability, those areas shown on the map in which the separation between the MRVA and Tertiary aquifers is 20 feet or less in thickness represent the zone of greatest potential vertical fluid movement between the aquifers. Conversely, little vertical exchange of fluid between the MRVA and Tertiary would be expected in those areas in which the layer separating them is of 100 feet or more thickness.

Elevation of the Top of the Tertiary Surface

The elevation of the top of the Tertiary surface in feet relative to MSL in the alluvial plain of northwestern Mississippi is shown in Plate 4. Obviously, this coincides with the elevation of the base of the MRVA in this area. The map depicts an overall decrease in elevation of the top of the Tertiary surface from north to south.

Elevations exceeding 50 (green) to more than 100 feet (red) above MSL occur throughout western DeSoto and most of eastern Tunica Counties and adjacent to the Bluff Hills in areas of Panola, Tallahatchie, Grenada, Carroll, and Holmes Counties. A few isolated areas of 50 feet or greater elevation on the Tertiary surface are evident underlying the northern part of the alluvial plain. Elevations of 0 to 50 feet above MSL (yellow) are prevalent throughout the northern Delta counties and on both the east side along the Bluff Hills and in the west along the Mississippi River. Contrary to what might otherwise be supposed, the lowest elevations on the top of the Tertiary surface are not found near the present course of the Mississippi River, but occur in the central area of the Yazoo Basin from southern Coahoma County to Issaquena and Sharkey Counties. Most of this area ranges from 0 to 50 feet below MSL (tan), but in the southern Delta the elevation of the top of the Tertiary surface is from 50 to 100 feet below MSL (blue) with a few small areas of 100 or more feet below MSL (orange).

Limitations

Due to the generalized nature and scope of this document, information presented herein should not be considered a substitute for the collection of site-specific data. Additionally, the accuracy and completeness of some source data utilized in the preparation of this report cannot be warranted. These include, but are not limited to, such information as well location and elevation of land surface or other point of vertical reference for the geophysical logs which are presented as reported from their original sources.

Examination of these maps reveals that due to its erosional nature, the elevation of the contact between the base of the alluvium and the Tertiary surface can be extremely variable over short distances, as much as 30 or more feet in less than one mile. It is also evident that there are significant gaps between locations of wells from which geophysical logs were available. Some entire townships did not have a single well within them from which data could be obtained. As new wells are drilled, and additional borehole geophysical logs are evaluated, more detail can be added to these maps and some of the data gaps can begin to be addressed. The availability of additional information will necessitate some modification of the interpretations of thickness of the MRVA, thickness and character of the interval separating the base of the MRVA from the uppermost significant Tertiary sand, and elevation of the top of the Tertiary surface currently shown on the maps. While some of the detail of these maps will change, the major features of each should be expected to remain essentially as they are.

Acknowledgments

The author wishes to acknowledge several individuals with OLWR for their contributions to this report. Steve Jennings' work on the sub-crop geology of the study area was extremely helpful. Pat Mason initially designed the database that was used to create Table 2 and entered information into it. Pat Phillips checked and corrected data such as well location and elevation that were in error on log headers and modified and further refined the database and created it in the final format for publication. Josh Watts and Pat Phillips performed extensive work to provide base maps and then to prepare maps for final publication. Lindsey Stewart reviewed drafts of the report and made helpful suggestions.

SELECTED REFERENCES

Arthur, J. K., 1994, Thickness of the upper and lower confining units of the Mississippi River alluvial aquifer in northwestern Mississippi: U.S. Geological Survey Water-Resources Investigations Report 94-4172, 1 sheet.

Arthur, J. K., 1996, Thickness of the Mississippi River alluvium and thickness of the coarse sand and gravel in the Mississippi River alluvium in northwestern Mississippi: U.S. Geological Survey Water-Resources Investigations Report 96-4305, 1 sheet.

Arthur, J. K., 2001, Hydrogeology, model description, and flow analysis of the Mississippi River alluvial aquifer in northwestern Mississippi: U.S. Geological Survey Water-Resources Investigations Report 01-4035, 47 p.

Boswell, E. H., Cushing, E. M., and Hosman, R. L., 1968, Quaternary aquifers in the Mississippi Embayment, *with a discussion of* Quality of the water, by H.G. Jeffery: U.S. Geological Survey Professional Paper 448-E, 15 p.

Brown, G. F., 1947, Geology and artesian water of the alluvial plain in northwestern Mississippi: Mississippi Geological Survey Bulletin 65, 424 p.

Bryant-Byrd, C. R., 1995, The Tertiary-Quaternary aquifer relation in northwestern Mississippi: Mississippi Water Resources Research Conference Proceedings, pp. 66-75.

Cushing, E. M., Boswell, E. H., and Hosman, R. L., and others, 1970, Availability of water in the Mississippi Embayment: U.S. Geological Survey Professional Paper 448-A, 13 p.

Cushing, E. M., Boswell, E. H., and Hosman, R. L., 1964, General geology of the Mississippi Embayment: U.S. Geological Survey Professional Paper 448-B, 28 p.

Dalsin, G. J., 1978, The Mississippi River valley alluvial aquifer in Mississippi: U.S. Geological Survey Water-Resources Investigations Report 78-106, 1 sheet.

Dockery, D. T., 1997, Windows into Mississippi's geologic past: Mississippi Department of Environmental Quality, Office of Geology Circular 6, 64 p.

Fisk, H. N., 1944, Geological investigation of the alluvial valley of the lower Mississippi River: U.S. Department of the Army, Mississippi River Commission, 78 p.

Freeze, R. A., and Cherry, J. A., 1979, Groundwater: Prentice-Hall, Englewood Cliffs, N.J., 604 p.

Gandl, L. A., 1982, Characterization of aquifers designated as potential drinking-water sources in Mississippi: U.S. Geological Survey Water-Resources Investigations Open-File Report 81-550, 90 p.

Harvey, E. J., 1956, Records of wells in the alluvium in northwestern Mississippi: U.S. Geological Survey Bulletin 56-1, 130 p.

Hoffmann, J. H., and Bryant-Byrd, C. R., 1998, Recommendations for reduction of pumping lifts in large capacity water wells in the Mississippi Delta: Mississippi Department of Environmental Quality, Office of Land and Water Resources Open-File Report 99-101, 28 p.

Jennings, S. P., 2001, Preliminary report on the hydrogeology of the Tertiary aquifers in the Alluvial Plain region of northwestern Mississippi – subcrop geologic map and cross-sections: Mississippi Department of Environmental Quality, Office of Land and Water Resources Open-File Report OLWR 01-101, 3 sheets.

Jennings S. P. and Bryant-Byrd, C. R., 2001, Hydrogeology of the Clarksdale, Mississippi Public Utilities south plant site: Mississippi Department of Environmental Quality, Office of land and Water Resources Open-File Report 01-102, 21 p.

Kolb, C. R., Steinreide, Jr., W. B., Krinitzsky, E. L., Saucier, R. T., Mabrey, P. R., Smith, F. L., and Fleetwood, A.R., 1968, Geological investigation of the Yazoo Basin, lower Mississippi Valley: U.S. Army Corps of Engineers, Waterways Experiment Station, Technical Report No. 3-480.

Krinitsky, E. L., and Wire, J. C., 1964, Ground water in the alluvium of the lower Mississippi valley (upper and central areas): U.S. Army Corps of Engineers Waterways Experiment Station, TR3-658, v. 1 and 2, 400 p.

Mason, P., 2010, Water supply in the Mississippi Delta: What the model has to say: Mississippi Water Resources Research Conference Proceedings, pp 164-176.

Mason, P., Hoffmann, J. H., Andersen, M. P., and Lafrenz, B., 2013, A groundwater flow model of the Mississippi Delta alluvial aquifer: Mississippi Department of Environmental Quality, Office of Land and Water Resources and Tetra Tech Corp. unpublished draft report, 137 p.

Mellen, F. F., McCutcheon, T. E., and Livingston, M. R., 1941, Warren County mineral resources: Mississippi Geological Survey Bulletin 43, 140 p.

Paillet, F. L., and Crowder, R. E., 1996, A generalized approach for the interpretation of geophysical well logs in ground-water studies – theory and application: Ground Water 34(5), pp. 883-898.

Saucier, R. T., 1994, Geomorphology and Quaternary geologic history of the lower Mississippi Valley: U.S. Army Corps of Engineers, Waterways Experiment Station, 2 volumes.

Starnes, J. E., 2008, "Delta"-bluff margin alluvial fans: Mississippi Academy of Sciences 72d annual meeting January 2008, abstract.

Sumner, D. M., and Wasson, B. E., 1990, Geology and simulated effects of large ground-water withdrawals on the Mississippi River alluvial aquifer in northwestern Mississippi: U.S. Geological Survey Water-Supply Paper 2292, 60 p.

Taylor, R. E., and Thomson, F. H., 1971, Water for industry and agriculture in Washington County, Mississippi: Delta Council Bulletin, 64 p.

Thomas, E. P., 1942, The Claiborne: Mississippi Geological Survey Bulletin 48, 96 p.

Table 2: Information Derived from Interpretation of Borehole Geophysical Logs

BOLIVAR COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
011A0085	DEESON-ROUND LAKE WATER CORPORATION INC	15163	-90.86194	34.02194	155	SE/SE/NE/SW	19	25N	6W	GOOD LOG.	155	146		9	146	CKMN	236	30
011B0025	ALLIGATOR, TOWN OF	5164	-90.7197	34.0886	155	NW/NW/NE	33	26N	5W	CASED TO 152 FEET. DLOG STATES "COARSE SAND AND GRAVEL TO 120 FEET." LOG CORRELATES WELL WITH THAT OF B0070 NEARBY.	155							
011B0036	BROOKS ELEMENTARY SCHOOL		-90.7497	34.0381	155	NE/NE/SE	18	25N	5W	APPARENTLY CASED TO 203 FEET. LOG STARTS IN SPARTA. DLOG STATES "COARSE SAND AND PEA GRAVEL TO 121 FEET AND CLAY 121 TO 145 FEET", CLAY INTERVAL PROBABLY COOK MOUNTAIN.	155					CKMN		
011B0048	BURROUGHS FARMS		-90.74597	34.00342	155	SW/SW/SW	29	25N	5W	RESISTIVITY TOOL PRODUCING 'SAWTOOTH' PATTERN ON CURVE IN UPPER PART OF BOREHOLE. DLOG STATES 'CLAY (0 -22), SAND (22-50), GRAVEL & SAND (50-118), PINK CLAY (118-180), SANDY SHALE (180-215), FINE SAND (215-300), SAND (300-485).'	155	124		31	124	CKMN	184	180
011B0049	PRESLEY, JR, C E		-90.719444	34.111111	153	NW/NW/SW	19	26N	5W		153	146		7	146	CKMN	200	70
011B0070	ALLIGATOR, TOWN OF	5165	-90.7197	34.0908	160	SW/SW/SE	28	26N	5W		160	111		49	111	CKMN	173	25
011B0112	DUNCAN, TOWN OF	5203	-90.7478	34.0419	158	SE/NE	18	25N	5W		158	137		21	137	CKMN	240	140
011B0114	THOMPSON, PETE		-90.6762	34.105	157	SW/SW/SW/SW	24	26N	5W		157	90	Y	67	90	CKMN	174	30
011B0128	NORTH BOLIVAR WATER ASSOCIATION	15696	-90.67778	34.02472	154	SE/NE	23	25N	5W	WELL #2	154	174		-20	174	CKMN	193	75
011B0177	DUNCAN, TOWN OF	16710	-90.74556	34.04472	156	NW/NW/NW	17	25N	5W	WELL #2	156	173		-17	173	CKMN	263	200
011C0046	GUNNISON, TOWN OF	13057	-90.9478	33.9428	153	NE/SW	8	24N	7W		153	167		-14	167	CCKF	348	65
011C0047	WELSHAMS, W A		-90.87	33.9456	153	SE/NE	12	24N	7W	NO DRILLERS LOG. LOG CHARACTER IS TOO QUESTIONABLE TO TRUST CONFINING THICKNESS AND TERTIARY SAND CHARACTER BENEATH MRVA	153	146	Y	7	146	CCKF		
011C0106	FAT CAT CORPORATION		-90.8988	33.9232	150	SE/SE/SW/SW	14	24N	7W	NO DRILLERS LOG.	150	166		-16	166	CCKF	334	75
011C0120	GUNNISON, TOWN OF	13058	-90.945	33.9436	155	NW/NW/SE	8	24N	7W	WELL #2. COCKFIELD-COOK MTN CONTACT IS INDISTINCT. DEPTH IS CHOSEN FROM CORRELATION WITH LOG OF C0046 IN WHICH THE CONTACT IS MORE DEFINITELY APPARENT.	155	159		-4	159	CCKF	340	50
011C0140	DEESON-ROUND LAKE WATER CORPORATION INC	15348	-90.91056	33.96639	153	IR/IR	3	24N	7W	LOG CHARACTER IS CONSISTENT FROM 70 TO 160 FEET. NO BREAKS EVIDENT.	153	160		-7	160	CCKF	530	50
011C0800	CENTRAL OIL CO. TUMINELLO #1		-90.886389	33.933056	152	SE/NE	14	24N	7W	OIL TEST	165							
011C0801	HOLMANS AND RUSSELL THOMAS #1		-90.957513	33.933929	155	SE/NE/NE	18	24N	7W	OIL TEST	159							

BOLIVAR COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
011A0085	SANDY CLAY	90					146	9	236	-81								
011B0025									162	-7	812	-657	862	-707	874	-719		
011B0036											850	-695	910	-755	922	-767	1422	-1267
011B0048	SANDY CLAY	60					124	31	184	-29	868	-713	930	-775	948	-793	1400	-1245
011B0049	SANDY CLAY	54					146	7	200	-47	880	-727	922	-769				
011B0070	SANDY CLAY	62					111	49	173	-13	824	-664	862	-702	874	-714		
011B0112	SILTY, SANDY CLAY	103					137	21	210	-52	836	-678	895	-737	912	-754		
011B0114	SAND & SILT INTERBEDDED WITH CLAY	84					90	67	162	-5	815	-658	836	-679	848	-691	1302	-1145
011B0128	CLAY	19					174	-20	193	-39	785	-631	832	-678	843	-689		
011B0177	SANDY CLAY	90					173	-17	207	-51	827	-671	884	-728	900	-744		
011C0046	CLAY AND SANDY CLAY WITH SOME SAND	181			167	-14	200	-47	348	-195								
011C0047					146	7	174	-21	310	-157								
011C0106	MOSTLY CLAY WITH @ 40% INTERBEDDED SAND	168			166	-16	192	-42	334	-184	1005	-855	1062	-912				
011C0120	CLAY WITH MINOR SAND	181			159	-4	187	-32	340	-185								
011C0140	SANDY CLAY, CLAY, AND INTERBEDDED SAND	370			160	-7	187	-34	298	-145								
011C0800											1004	-839	1060	-895	1110	-945	1546	-1381
011C0801													1085	-926	1110	-951	1555	-1396

BOLIVAR COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
011C0802	MISS-TEX OIL PRODUCERS #1 GLADYS G THOMPSON		-91.011944	33.915556	152	SW/SE/NE	22	24N	8W	OIL TEST. LS ELEV 152 FEET FROM TOPO. LOG HEADER STATES PERMANENT DATUM AT BHF. LOG MEASURED FROM KB 8 FEET ABOVE PERMANENT DATUM.	160							
011D0046	SHELBY, CITY OF	12913	-90.7692	33.9403	150	NW/SW/SE	12	24N	6W	LOG QUALITY IS POOR, PARTICULARLY IN UPPER PART OF BOREHOLE. DLOG STATES "COARSE SAND AND GRAVEL FROM 75 - 133 FEET."	150	131		19	131	CKMN	208	170
011E0021	WINSTONVILLE, TOWN OF	12568	-90.7517	33.9111	146	SW/SE	19	24N	5W	CASED TO 172 FEET. DLOG STATES "COARSE SAND AND PEA GRAVEL TO 118 FEET"	146							
011E0029	MOUND BAYOU, CITY OF	13023	-90.7367	33.88	144	SE/SW	32	24N	5W	POOR QUALITY E-LOG. DLOG STATES "SAND AND PEA GRAVEL TO 176 FEET." SLIGHT BREAK IN CURVES ON E-LOG AT 144 FEET MAKES FOR QUESTIONABLE PICK.	144	146	Y	-2	146	SPRT	146	230
011E0030	MOUND BAYOU, CITY OF	13024	-90.7289	33.8897	145	NE/SE/NE	32	24N	5W	POOR QUALITY LOG. PICKS ARE QUESTIONABLE.	145	114		31	114	CKMN	140	80
011E0107	SHELBY, CITY OF	12911	-90.7586	33.9394	150	SE/SW	7	24N	5W		150	119		31	119	CKMN	192	65
011E0128	WINSTONVILLE, TOWN OF	15136	-90.7528	33.9111	147	SE/NW/SW/SE	19	24N	5W	VERY POOR QUALITY LOG. PICKS QUESTIONABLE. NOT SURE IF COCKFIELD IS ACTUALLY PRESENT.	147	128		19	128	CKMN	260	75

BOLIVAR COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
011C0802									420	-260	1091	-931	1160	-1000	1200	-1040	1680	-1520
011D0046	SAND & SANDY CLAY	77					131	19	208	-58	871	-721	957	-807	971	-821	1392	-1242
011E0021											847	-701	918	-772	932	-786	1401	-1255
011E0029	NO SEPARATION	0							146	-2	824	-680	875	-731	882	-738	1382	-1238
011E0030	CLAY	26					114	31	140	5	845	-700	891	-746				
011E0107	INTERBEDDED SAND & CLAY	73					119	31	192	-42	852	-702	930	-780	950	-800	1400	-1250
011E0128	CLAY, SANDY CLAY, & INTERBEDDED SAND	129					128	19	173	-26	853	-706	919	-772	935	-788	1402	-1255

011E0129	NORTH BOLIVAR WATER ASSOCIATION	15697	-90.73861	33.90861	146	NE/NW	29	24N	5W		146	125		21	125	CKMN	197	95	011E0129	ABOUT 45% CLAY AND 55% SANDY CLAY AND INTERBEDDED SAND	72					125	21	158	-12	857	-711	913	-767	939	-793	1390	-1244
011E0147	MOUND BAYOU, CITY OF		-90.73667	33.88028	147	SE/SE/SE/SW	32	24N	5W	TH #1 FOR WELL #3	147	148		-1	148	CKMN	157	60	011E0147	CLAY	9					148	-1	157	-10								
011E0155	MOUND BAYOU, CITY OF	16193	-90.7375	33.8802	144	SW/SE/SW	32	24N	5W		144	156		-12	156	CKMN	160	55	011E0155	CLAY	4					156	-12	160	-16								
011F0101	ROSEDALE, CITY OF	6344	-91.03	33.8519	149	NE/SW/SE	9	23N	8W	POOR QUALITY E-LOG.	149	141		8	141	CCKF	380	100	011F0101	SANDY CLAY, CLAY & @ 40' OF SAND	239			141	8	327	-178	380	-231								
011F0144	SYMONDS WATER ASSOCIATION	14483	-90.8867	33.835	144	NE/NE	23	23N	7W	CONFINING INTERVAL BETWEEN MRVA BASE AND TERTIARY SAND IS ABOUT 50% CLAY.	144	155		-11	155	CCKF	325	60	011F0144	INTERBEDDED SAND & CLAY	170			155	-11	266	-122	325	-181								
011F0158	ROSEDALE BOLIVAR COUNTY PORT COMMISSION	5141	-91.0189	33.8219	150	SE/SW	22	23N	8W	CASED TO 44 FEET	150	152		-2	152	CCKF	226	70	011F0158	SILTY CLAY	74			152	-2	311	-161	352	-202								
011F0200	ROSEDALE, CITY OF	16099	-91.03	33.85194	149	SW/SE	9	23N	8W	AT COURT STREET WATER TOWER.	149	147		2	147	CCKF	384	120	011F0200	SANDY CLAY, ABOUT 40 TO 45 FEET TOTAL SAND, & CLAY	237			147	2	326	-177	384	-235								
011F0800	SEABOARD OIL CHICAGO MILL AND LUMBER #1		-91.03878	33.851	144	SW/SW	9	23N	8W	OIL TEST	150								011F0800												1191	-1041	1203	-1053	1714	-1564
011G0044	PACE, TOWN OF	6746	-90.86222	33.79389	140	SW/NW/SE/SW	31	23N	6W		140	122		18	122	CCKF	294	40	011G0044	CLAY, SANDY CLAY, AND SAND	172			112	18	228	-88	294	-154								
011G0146	PACE, TOWN OF	6747	-90.8586	33.7919	136	SW/SE	31	23N	6W	TWO ELOGS FOR THIS HOLE. FIRST BY BOG WHEN HOLE WAS 607 FEET DEEP. SECOND BY LAYNE WHEN HOLE TD AT 896 FEET.	136	127		9	127	CCKF	296	44	011G0146	CLAY, SANDY CLAY WITH @ 60 FEET OF SAND	169			127	9	229	-93	296	-160								

BOLIVAR COUNTY

BOLIVAR COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
011H0050	PREWITT, J L		-90.7241	33.8228	140	SW/SW	21	23N	5W	CASED TO 146 FEET. DLOG STATES GRAVEL FROM 74 TO 132 FEET. AGREES WITH NEARBY WELL. OVERALL POOR QUALITY ELOG.	140	133	Y	7	133	CKMN	278	60	011H0050	SANDY CLAY	145							168	-28								
011H0051	MERIGOLD, TOWN OF	6378	-90.7217	33.8378	142	SW/SE/SW	16	23N	5W		142	128		14	128	CKMN	228	45	011H0051	SANDY CLAY WITH MINOR THIN SAND BEDS	100					128	14	172	-30								
011H0052	MERIGOLD, TOWN OF	6377	-90.7233	33.8278	139	NW/SW	21	23N	5W		139	120		19	120	CKMN	190	35	011H0052	CLAY AND VERY SANDY CLAY AND SILT	70					120	19	170	-31								
011J0008	BEULAH, TOWN OF	5284	-90.9797	33.7883	144	NW/NE	27	22N	8W		144					CCKF			011J0008							308	-164	396	-252								
011L0051	RIZZO, DOMINIC		-90.7989	33.7643	138	SE/SE	10	22N	6W	LOG QUALITY IS TOO POOR TO PICK BASE OF MRVA OR TERTIARY PICKS.	138								011L0051																		
011L0059	HOWARTH, JR, J A		-90.7856	33.7177	130	NE/NW/NE	35	22N	6W		130	142		-12	142	CCKF	179	35	011L0059	INTERBEDDED SAND & CLAY	37			142	-12	221	-91	272	-142	997	-867							
011L0200	BOYLE-SKENE WATER CORPORATION INC	14227	-90.7981	33.7625	135	SE/SE	10	22N	6W	WELL #3. NO DLOG FOUND.	135	134		1	134	CKMN	238	105	011L0200	SANDY CLAY	104					134	1	238	-103								
011L0201	BOLIVAR COUNTY BOARD OF SUPERVISORS	15757	-90.80639	33.77056	135	SW/NE	10	22N	6W	NEW PRISON WELL #2.	135	144		-9	144	CKMN	280	85	011L0201	SANDY CLAY WITH INTERBEDDINGS OF SAND AND CLAY	136					144	-9	280	-145								
011L0202	BOYLE-SKENE WATER CORPORATION INC	15589	-90.7983	33.7625	135	SE/SE	10	22N	6W		135	136		-1	136	CKMN	232	120	011L0202	SANDY CLAY	96					136	-1	232	-97	927	-792	1014	-879	1026	-891		
011M0047	BAXTER HEALTHCARE CORPORATION	6033	-90.7181	33.765	138	SW/SE	9	22N	5W	POOR QUALITY ELOG	138	120		18	120	CKMN	200	150	011M0047	CLAY AND SAND	80					120	18	164	-26								
011M0048	BOYLE, TOWN OF	12857	-90.7258	33.7042	140	SW/SW/SW	33	22N	5W		140	152		-12	152	CKMN	222	200	011M0048	SANDY CLAY & CLAY	70					152	-12	222	-82	925	-785	998	-858				
011M0050	CLEVELAND, CITY OF	5982	-90.7453	33.7383	140	NW/NW/SW	20	22N	5W		140	142		-2	142	CKMN	176	115	011M0050	INTERBEDDED SAND & CLAY	34					142	-2	176	-36								
011M0052	SOUTH CENTRAL BELL		-90.7028	33.7321	133	NE/NE/NW	27	22N	5W	CASED TO 605 FEET.	133								011M0052											823	-690	915	-782	942	-809		
011M0053	CLEVELAND, CITY OF	5983	-90.7336	33.7625	138	SW/SE	8	22N	5W	CHARACTER OF ELOG BETWEEN 120 AND 172 FEET IS DIFFICULT TO COMPARE WITH THE DLOG AND NEARBY ELOGS. PICKS IN THIS INTERVAL ARE QUESTIONABLE.	138	118	Y	20	118	CKMN	172	90	011M0053	INTERBEDDED SAND & CLAY	54					118	20	162	-24								
011M0054	CLEVELAND, CITY OF	5984	-90.7111	33.7508	135	SE/SE	16	22N	3W	DLOG STATES 'SAND AND GRAVEL FROM 70 TO 158 AND SANDY SHALE FROM 158 TO 190 FEET.' CHARACTER OF ELOG IS POOR. SOMEWHAT CORRELATIVE WITH ELOG OF M0050 (ROUGHLY ON STRIKE).	135	134	Y	1	134	CKMN	156	120	011M0054	CLAY	22					134	1	156	-21	806	-671							
011M0055	BAXTER HEALTHCARE CORPORATION	6035	-90.7167	33.7675	138	SE/NW/SE	9	22N	5W	DLOG STATES 'SAND AND GRAVEL TO 115 FEET.	138	116		22	116	CKMN	152	190	011M0055	INTERBEDDED SAND & CLAY	36					116	22	152	-14								

BOLIVAR COUNTY

BOLIVAR COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
011M0090	DELTA STATE UNIVERSITY	5945	-90.7342	33.75	133	NE/SW/SE	17	22N	5W	DLOG STATES 'COARSE SAND AND GRAVEL TO 125 FEET, SANDY SHALE TO 302 FEET.'	133	136	Y	-3	136	CKMN	165	55	011M0090	SAND AND SANDY CLAY	29					136	-3	165	-32								
011M0094	WILLIAMS, PRESTON		-90.7224	33.7832	145	NW/NE/SW	4	22N	5W	BASE OF MRVA PICKED ON BREAKS IN SP & RESISTIVITY CURVES ON ELOG. DLOG NO HELP 'SAND AND LARGE GRAVEL FROM 85 - 180 FEET.'	145	122	Y	23	122	CKMN	162	40	011M0094	INTERBEDDED SAND & CLAY	40					122	23	162	-17								
011M0169	BOYLE, TOWN OF		-90.7271	33.7049	140	SW/SW/SW	33	22N	5W	NO DRILLER'S LOG	140	143		-3	143	CKMN	240	165	011M0169	SANDY CLAY	97					143	-3	240	-100	904	-764	998	-858	1010	-870	1529	-1389
011M0192	DUO FAST CORPORATION	5139	-90.7075	33.7558	137	SE/SW/NW	15	22N	5W	DLOG STATES 'COARSE SAND AND GRAVEL 74 - 116, COARSE SAND AND BIG GRAVEL 116-141, CLAY 141-185 FEET.'	137	140		-3	140	CKMN	164	100	011M0192	INTERBEDDED SAND & CLAY	24					140	-3	164	-27								
011M0199	RENOVA, TOWN OF	1071	-90.7225	33.7775	141	SW/SE/SW	4	22N	5W	DLOG STATES 'COARSE SAND AND PEA GRAVEL 80-121, CLAY 121 - 147 FEET.'	141	117		24	117	CKMN	163	65	011M0199	INTERBEDDED FIND SAND & CLAY	46					117	24	163	-22								
011M0208	CLEVELAND, CITY OF	8079	-90.7236	33.7297	138	NW/NW	28	22N	5W		138	156		-18	156	CKMN	182	245	011M0208	INTERBEDDED SAND & CLAY	26					156	-18	182	-44								
011N0028	BENOIT, TOWN OF	5230	-91.0111	33.6511	137	NW/SE	20	21N	8W	DLOG STATES 'COARSE SAND AND GRAVEL 72-131, CLAY 131-150 FEET.'	137	129		8	129	CCKF	158	65	011N0028	SANDY CLAY	29			129	8	456	-319	585	-448								
011N0105	HNTB M4		-91.15722	33.64306	115	IR/IR	14	21N	9W	WELL DOES NOT GO DEEP ENOUGH TO SEE A GOOD TERTIARY SAND. YAZOO CLAY PRECLUDES EXCHANGE OF FLUID BETWEEN MRVA AND TERTIARY SAND.	115	98		17	98	JKSN			011N0105	YAZOO CLAY FROM 98 TO 190 (TOP OF MB)	175	98	17	201	-86													
011N0116	BOYLE-SKENE WATER CORPORATION INC	16216	-91.00278	33.64361	136	NW/NW	28	21N	8W		136	119		17	119	CCKF	160	50	011N0116	CLAY	41			119	17	458	-322	611	-475								
011P0037	SELIGMAN, DAN		-90.7994	33.6456	127	NE/NE	27	21N	6W		127	150		-23	150	CCKF	171	45	011P0037	CLAY	21			150	-23	348	-221	448	-321	1084	-957	1160	-1033				
011P0044	GANT, THOMAS A		-90.8316	33.6702	125	NW/SW/NW	16	21N	6W	DLOG STATES 'SAND 15-130, CLAY 130-248, GUMMY SHALE 248-304 FEET.'	125	137		-12	137	CCKF	294	45	011P0044	INTERBEDDED SAND & CLAY	157			137	-12	290	-165	407	-282								
011P0138	BOYLE-SKENE WATER CORPORATION INC	12477	-90.7978	33.7025	130	NW/NW/NW	2	21N	6W	NOT A GOOD ELOG. CHANGE OF RES. CURVE AT 152 FEET. INDISTINCT. DLOG 'COARSE SAND AND GRAVEL 97-150, COARSE SAND 150-185, SAND 185-215, CLAY 215-305 FEET.'	130	152	Y	-22	152	CCKF	152	55	011P0138	NO SEPARATION	0			152	-22	208	-78	295	-165								
011Q0026	REED, JOE TOM		-90.7371	33.668	133	SE/NW	17	21N	5W	DLOG STATES 'SAND & GRAVEL 65-140, SAND 140-180, CLAY 180-220 FEET.'	133	142	Y	-9	142	CCKF	144	45	011Q0026	CLAY	2			142	-9	222	-89	348	-215								
011Q0027	JONES, ELTON		-90.7574	33.668	131	SE/SE/NW	18	21N	5W	NO DLOG. UPPER INTERVALS PICKED FROM CORRELATION WITH LOG OF Q0026, APPROXIMATELY 1 MILE EAST.	131	156		-25	156	CCKF	169	60	011Q0027	CLAY	13			156	-25	237	-106	361	-230	1013	-882	1092	-961	1110	-979		
011Q0042	BRASWELL, PAUL		-90.7228	33.6772	135	NW/SE/SW	9	21N	5W	DLOG STATES 'SAND AND GRAVEL 80-168, WHITE SAND 168-210, BLUE SANDY CLAY 210-230, SANDY SHALE 230-490.' UPPER INTERVAL PICKS QUESTIONABLE. CORRELATED WITH LOG OF Q0026, ABOUT A MILE TO THE SW.	135	177	Y	-42	177	CCKF	180	20	011Q0042	CLAY	3			177	-42	200	-65	262	-127	936	-801	1018	-883	1037	-902	1545	-1410
011Q0047	RIDGEVILLE, FRED		-90.7544	33.6325	130	SW/SW/SE	30	21N	5W	DLOG STATES 'SAND AND GRAVEL TO 140, CLAY 140-262 FEET.' BASE OF MRVA IS GOOD PICK ON ELOG BUT COCKFIELD AND COOK MTN PICKS ARE QUESTIONABLE.	130	144		-14	144	CCKF	264	100	011Q0047	INTERBEDDED SAND & SANDY CLAY	120			144	-14	378	-248	480	-350								
011R0800	SOHIO, BASIC, AND NEWMONT #1 DELTA AND PINELAND		-91.060278	33.582222	138	SE/NE	18	20N	8W	OIL TEST	146								011R0800													1490	-1344	1510	-1364	2015	-1869

BOLIVAR COUNTY

BOLIVAR COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
011S0102	MAUSETH FISH FARM		-90.9133	33.5597	115	SW/SW/SE/SW	22	20N	7W		115	156		-41	156	CCKF	255	70	011S0102	INTERBEDDED SAND & CLAY	99			156	-41	544	-429	642	-527								
011T0043	DELTA CHOCTAW WATER CORPORATION	5314	-90.8125	33.5589	127	NW/NW/NW/NW	27	20N	6W	CASED TO ABOUT 190 FEET. DLOG STATES 'GRAVEL 75-150, MUD 150-310, SAND 310-440 FEET.'	127					CCKF			011T0043							443	-316	552	-425	1175	-1048	1276	-1149	1292	-1165		
011T0047	ROSETTI, JOE		-90.7804	33.5773	125	NW/SW/NW/SW	13	20N	6W	DLOG STATES 'SAND AND GRAVEL 70-135, CLAY AND CUT-UP SAND 135-410 FEET.'	125	139	Y	-14	139	CCKF	222	32	011T0047	MOSTLY CLAY WITH SOME INTERBEDDED SAND	83			139	-14	402	-277	520	-395								
011T0048	ALLEGREZZA, FRANK		-90.7781	33.5668	125	NE/SW/SW/NE	23	20N	6W	CASED TO 116 FEET. DLOG MENTIONS GRAVEL TO 180 FEET. SOME SHIFT OF ELOG AT 180, BUT PATTERN DOES NOT AT ALL MATCH MORE TYPICAL RESPONSE OF TOOLS IN MRVA.	125					CCKF			011T0048							431	-306	520	-395								
011T0051	INGRAM, CHARLES		-90.7954	33.5515	132	SE/SW/NW	26	20N	6W	GOOD BASE OF MRVA ON ELOG. DLOG HAS NO LITHOLOGIC DATA AND OWNER IS IDENTIFIED AS FRANK ROSETTI.	132	166	Y	-34	166	CCKF	216	155	011T0051	INTERBEDDED SAND & CLAY	50			166	-34	410	-278	514	-385								
011T0071	AVRITT, J H		-90.7937	33.6063	130	SW/NE/SW	2	20N	6W	NO DLOG FOUND. BREAK IN CHARACTER OF RES. CURVE AT 143 FEET. DLOG OF ANOTHER WELL (T0075) IN THIS SAME SECTION SHOWS SAND AND GRAVEL AND ROCKS TO 147 FEET.	130	143	Y	-13	143	CCKF	143	32	011T0071	NO SEPARATION	0			143	-13	451	-321	494	-364								
011T0130	DELTA CHOCTAW WATER CORPORATION	5313	-90.7967	33.5569	129	NW/NW	26	20N	6W	DLOG STATES 'COARSE SAND AND GRAVEL 87-162, CLAY 162-297, SAND 297-358 FEET.'	129	160		-31	160	CCKF	300	100	011T0130	INTERBEDDED SAND & CLAY	140			160	-31	428	-299	523	-394	1142	-1013	1236	-1107	1257	-1128		
011T0142	MORGAN, DUKE		-90.8192	33.5992	129	SW/NE/NE	9	20N	6W	NO WELL SCHEDULE OR DLOG. BASE OF MRVA ON ELOG IS DISTINCT.	129	136		-7	136	CCKF	190	115	011T0142	INTERBEDDED SAND & SANDY CLAY	54			136	-7	430	-301	515	-386								
011T0193	SHAW, TOWN OF		-90.775	33.60083	130	SW/NW/NE/NW	12	20N	6W	TEST HOLE #2 FOR WELL #5	130	160		-30	160	CCKF	282	65	011T0193	MOSTLY CLAY WITH @ 15 FEET OF SAND NEAR BASE	122			160	-30	432	-302	468	-338	1058	-928	1184	-1054	1208	-1078		
011T0194	SHAW, CITY OF	16509	-90.77306	33.60056	132	NE/NE/NW	12	20N	6W		132	156		-24	156	CCKF	278	140	011T0194	MOSTLY CLAY WITH @10 FEET OF SAND NEAR BOTTOM	122			156	-24	444	-312	488	-356	1063	-931	1188	-1056	1215	-1083		

CARROLL COUNTY																																CARROLL COUNTY
FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
015A0077	OLWR BIG CREEK HUNTING CLUB - DAVID HEY A0702		-90.058611	33.555833	175	NE/SE/NW	35	20N	2E	PROBABLY ALLUVIAL FAN DEPOSITS RATHER THAN MRVA AS IT IS GENERALLY THOUGHT OF. BASAL 25 FEET OF THIS INTERVAL COULD BE SPARTA BUT IS UNCERTAIN.	175	90		85	90	ZILF	156	37	015A0077	SILTY, SANDY CLAY	66			90	85	156	19				
015D0011	EAST LEFLORE COUNTY WATER AND SEWER DISTRICT	13028	-90.083889	33.490556	145	SW/SW	22	19N	2E	POOR QUALITY WATER WELL LOG	145	130		15	130	ZILF	156	25	015D0011	CLAY	26			130	15	156	-11	182	-37	560	-415
015D0701	OLWR - DAVID HEY		-90.061111	33.543889	166	NE/NW	2	19N	2E	UPPER 55 FEET SEEMS LIKE ALLUVIAL FAN MATERIAL. LOWER 79 FEET PROBABLY MRVA	166	134		32	134	ZILF	147	23	015D0701	SANDY CLAY	13			134	32	147	19				
015D0702	OLWR - DAVID HEY		-90.058611	33.543889	177	NE/NW	2	19N	2E	NO DLOG. PROBABLY ALLUVIAL FAN DEPOSITS.	177	64		113	64	ZILF	153	22	015D0702	INTERBEDDED SILT AND SANDY CLAY	89			64	113	153	24				
015D0703	OLWR		-90.084444	33.541389	142	NE/NE/SE/NE	4	19N	2E		142	130		12	130	ZILF			015D0703	CLAY AND SANDY CLAY				130	12						
015D0704	OLWR-BIG SPRING HUNTING CLUB - DAVID HEY		-90.053333	33.54	328	SE/NE	2	19N	2E		328								015D0704			120	208	218	110						
015D0705	OFFICE OF LAND AND WATER RESOURCES		-90.074444	33.545	145	NW/NW/NW/NE	3	19N	2E		145	95		50	95	ZILF			015D0705					95	50						
015E0063	MIMS, JR, JIMMY		-90.023333	33.49694	300	NE/SE/NW	19	19N	3E		300								015E0063					175	125	244	56	265	35		
015G0067	PELUCIA RURAL WATER ASSOCIATION INC	15545	-90.076111	33.396389	295	NW/SW/NE	27	18N	2E		295								015G0067			98	197	310	-15	388	-93	427	-132	840	-545
015L0051	TURNER, FREDDIE		-90.16333	33.36639	125	SW/SE/SW/NE	2	17N	1E	EXTREMELY DIFFICULT TO PICK MRVA/SPRT CONTACT. THERE IS AN OBVIOUS CHANGE IN LOG CHARACTER AT ABOUT 200 FEET AND PERHAPS A BIT MORE SUBTLE CHANGE AT ABOUT 150 FEET. THE DLOG SHOWS AN INTERVAL OF GRAVEL FROM 75 TO 155 FEET. ON THAT BASIS I AM PICKING THE BASE OF MRVA. BASE OF SPRT AND TOP OF WINONA ARE GOOD PICKS OFF THIS LOG.	125	146	Y	-21	146	SPRT	146	98	015L0051	NONE	0	146	-21	310	-185	400	-275	418	-293		

COAHOMA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
027A0008	LULA, TOWN OF	5714	-90.4758	34.4539	180	NW/SW/SE	23	30N	3W		180	165		15	165	SPRT	256	70	027A0008	20 FT SAND, REMAINDER SANDY CLAY AND INTERBEDDED SANDS	91					165	15	650	-470	716	-536	742	-562	1013	-833
027A0010	LOWE, J O		-90.4875	34.4375	178	SW/SE/SE	27	30N	3W		178	166	Y	12	166	SPRT	175	90	027A0010	SANDY CLAY	9					166	12	692	-514	745	-567	775	-597	1040	-862
027A0011	MOREHEAD, T G		-90.50153	34.42692	170	SW/NW/SW	34	30N	3W		170	165		5	165	CKMN	230	110	027A0011	INTERBEDDED SAND AND CLAY	65			165	5	195	-25	716	-546	760	-590	790	-620	1080	-910
027A0017	LULA, TOWN OF	5715	-90.4747	34.4594	180	NW/SW/SW/NE	23	30N	3W		180					SPRT			027A0017									660	-480	714	-534	735	-555	1005	-825
027A0023	JOHNSON BROTHERS RENTAL	14754	-90.5797	34.4994	185	IR/IR	2	30N	4W		185	186	Y	-1	186	CKMN	226	150	027A0023	SANDY CLAY	40			186	-1	226	-41	703	-518	752	-567	786	-601	1195	-1010
027A0025	LULA, TOWN OF	14988	-90.4758	34.4542	183	NE/NE/SE/SW	23	30N	3W		188	166		22	166	SPRT	278	52	027A0025	INTERBEDDED SAND AND CLAY	112					166	22	652	-464	712	-524	738	-550	1009	-821
027A0030	JOHNSON BROTHERS RENTAL	16224	-90.5797	34.4994	180	IR/IR	2	30N	4W		180	159		21	159	CKMN	228	115	027A0030	INTERBEDDED SAND AND CLAY	69			159	21	228	-48	700	-520	750	-570	780	-600	1195	-1015
027A0038	LULA, TOWN OF		-90.4761	34.4542	183	SE/SW	23	30N	3W		188	162		26	162	SPRT	280	60	027A0038	INTERBEDDED SAND & CLAY (APPROX 50/50)	118					162	26	652	-464	719	-531	738	-550	1012	-824
027B0011	FRIARS POINT, TOWN OF	13046	-90.6383	34.3697	177	NW/SW	20	29N	4W	BOREHOLE NOT LOGGED FROM 295 TO 400 FEET. CANNOT SEE TOP OF FIRST TERTIARY SAND. LOG FROM BASE OF MRVA TO 295 FEET LOOKS LIKE MAINLY CLAY AND SANDY CLAY WITH INTERBEDDED SAND. AT THIS SITE EXCHANGE OF WATER BETWEEN MRVA AND TERTIARY SANDS IS UNLIKELY.	177	125	Y	52	125	CKMN			027B0011					125	52	315	-138	820	-643						
027B0020	FRIARS POINT, TOWN OF	13045	-90.6386	34.37	175	NW/SW	20	29N	4W	CASED TO 220 FEET.	175					CKMN	385	80	027B0020	SANDY CLAY						310	-135	815	-640	872	-697	897	-722	1235	-1060
027B0026	YAZOO MANAGEMENT DISTRICT		-90.6039	34.3783	179	NW/NW	22	29N	4W	HOLE GOES TO 300 FEET. NO SUBSTANTIAL TERTIARY SANDS.	179	147		32	147	CKMN			027B0026					147	32										
027C0027	COAHOMA, TOWN OF	12867	-90.5219	34.3669	175	SE/NE/SE	20	29N	3W	CASING SET TO 174 FEET.	175					CKMN	222	190	027C0027	SANDY CLAY						222	-47	759	-584	824	-649	845	-670	1091	-916
027C0041	COAHOMA, TOWN OF	15661	-90.5225	34.3678	178	SW/NE/SE	20	29N	3W	CASED TO ABOUT 154 FEET. GR USED TO PICK BASE OF MRVA. SCALE FLIPPED ON GR & ELOG GOOD FOR SPRT.	178	144	Y	34	144	CKMN	203	125	027C0041	SANDY CLAY	59			144	34	203	-25	762	-584	826	-648	848	-670	1080	-902
027C0800	EXXON COMPANY USA #1 RAY C DAWSON ET AL UNIT 1		-90.4125	34.3509	166	SE/SW	28	29N	2W	OIL TEST. CASED TO ABOUT 125 FEET.	190		Y			SPRT			027C0800									584	-394	642	-452	672	-482	974	-784

COAHOMA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
027E0008	PRAIRIE PLANTING COMPANY		-90.6467	34.3039	175	NE/SW/NE	18	28N	4W		175	179	Y	-4	179	CKMN	408	90	027E0008	INTERBEDDED SAND AND CLAY (307' TO 408' LOOKS LIKE SANDY & SILTY CLAY	229			179	-4	270	-95									
027E0015	INDIAN MOUND SUBDIVISION		-90.6342	34.2599	173	NE/NW	32	28N	4W		173	140		33	140	CKMN	300	205	027E0015	INTERBEDDED SAND AND CLAY	160			140	33	188	-15									
027E0017	DOYLEY, NOEL		-90.6431	34.2953	175	NW/SE/SE	18	28N	4W		175	194		-19	194	CKMN	386	55	027E0017	SANDY CLAY & THIN SAND BEDS	192			194	-19	262	-87									
027F0009	JONESTOWN, TOWN OF	5606	-90.4506	34.3236	171	NE/NE/SE/SE	1	28N	3W		171	187	Y	-16	187	SPRT	288	115	027F0009	50/50 INTERBEDDED SAND AND SANDY CLAY	101					187	-16	622	-451	664	-493	690	-519	1005	-834
027F0021	GREEN ACRES WATER ASSOCIATION INC	9436	-90.5186	34.2664	166	NW/SW/SW	28	28N	3W		166	120	Y	46	120	SPRT	126	65	027F0021	SANDY CLAY	6					120	46	692	-526	736	-570	762	-596	1058	-892

027F0032	WESTBROOK, A A		-90.5225	34.2531	167	NE/NE/SE	32	28N	3W	ONLY GR LOG AVAILABLE FOR UPPER 600 FEET. DISPLAY HAS SCALE FLIPPED.	167	120	Y	47	120	SPRT	120	30	027F0032	NONE	0					120	47	682	-515	732	-565	760	-593	1057	-890
027F0039	MOORE BAYOU WATER ASSOCIATION INC	9511	-90.4725	34.2914	170	NW/NE/NE	23	28N	3W	ONLY RESISTIVITY TOOL WAS WORKING ON LOGGER.	170	152	Y	18	152	SPRT	156	150	027F0039	CLAY	4					152	18	660	-490	692	-522	714	-544	1020	-850
027G0002	RENA LARA WATER ASSOCIATION INC		-90.7806	34.1497	155	SW/SW/SW	1	26N	6W		155	161		-6	161	CKMN	280	45	027G0002	SANDY CLAY AND THIN SAND BEDS	119			161	-6	250	-95	892	-737	928	-773	963	-808	1387	-1232
027H0007	BOBO UTILITY DISTRICT	4366	-90.6786	34.1339	160	NE/NE/NE	14	26N	5W	CASED TO ABOUT 120 FEET.	160					CKMN			027H0007							168	-8	806	-646	832	-672	862	-702	1264	-1104
027H0041	WARD LAKE HUNTING CLUB		-90.7631	34.2411	168	SW/NW/SW	6	27N	5W		168	94	Y	74	94	CCKF	98	250	027H0041	SANDY CLAY	4	94	74	356	-188	428	-260								
027H0048	SHERARD WATER ASSOCIATION INC	14639	-90.7081	34.2122	162	NW/SW	15	27N	5W		162	117		45	117	CKMN	260	80	027H0048	INTERBEDDED SAND AND CLAY	143			117	45	225	-63	862	-700	892	-730	912	-750	1332	-1170
027J0060	ST ELIZABETH CATHOLIC CONGREGATION	4979	-90.5694	34.2081	155	SW/SW/SW	13	27N	4W		155	136		19	136	SPRT	214	75	027J0060	INTERBEDDED SAND AND CLAY	78					136	19								
027J0099	WHITEHEAD, FRANK		-90.6422	34.2053	166	SE/SE	18	27N	4W		166	122		44	122	CKMN	221	40	027J0099	SANDY CLAY	99			122	44	173	-7	794	-628	830	-664	856	-690	1220	-1054
027J0112	CLARKSDALE, CITY OF		-90.5829	34.1918	170	SE/SW	23	27N	4W		170	130		40	130	CKMN	152	100	027J0112	SAND W/ 4' CLAY BED	22			130	40	152	18	768	-598	802	-632	822	-652	1193	-1023
027J0122	CLARKSDALE, CITY OF		-90.5947	34.2053	169	SW/SE	15	27N	4W		169	135		34	135	CKMN	316	88	027J0122	SANDY CLAY WITH SOME MINOR SAND BEDS	181			135	34	150	19	803	-634	822	-653	850	-681	1217	-1048
027J0123	CLARKSDALE, CITY OF		-90.6083	34.1989	163	SE/NE	21	27N	4W		163	140		23	140	SPRT	246	140	027J0123	SANDY CLAY	106					140	23								
027K0018	LANEY, J B		-90.4961	34.2168	165	NE/NE/NW	15	27N	3W		165	136		29	136	SPRT	155	110	027K0018	SANDY CLAY	19					136	29	660	-495	690	-525	727	-562	1050	-885
027K0058	LYON, TOWN OF	4857	-90.5428	34.2156	170	NW/NE	18	27N	3W		170	176		-6	176	SPRT	184	125	027K0058	CLAY	8					176	-6	719	-549	729	-559	764	-594	1110	-940

COAHOMA COUNTY

COAHOMA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
027K0102	GREEN ACRES WATER ASSOCIATION INC	16681	-90.50694	34.2222	162	SE/SE	9	27N	3W	GR CURVE CONFIRMS DLOG. SP & INDUCTION USELESS IN CASED INTERVAL TROUGH MRVA. NOTICEABLE LOG STRETCH.	162	148		14	148	SPRT	175	80	027K0102	CLAY	27					148	14	628	-466	655	-493	685	-523	1034	-872
027L0043	KOEHN, PAUL A		-90.5594	34.1011	161	NE/NW/NE	25	26N	4W		161	171		-10	171	SPRT	261	140	027L0043	INTERBEDDED SAND AND CLAY	90					171	-10	666	-505	703	-542	722	-561		
027L0044	PINE GROVE COMMUNITY WATER ASSOCIATION	12917	-90.625	34.1011	156	NW/NW/NW	28	26N	4W	MRVA MAY BE ON ABOUT 20 FEET OF SPARTA SAND. MAIN SAND BODY IN SPARTA IS DEEPER.	156	146	Y	10	146	SPRT	235	220	027L0044	CLAY WITH 20' SAND BED	89					146	10	715	-559	776	-620	799	-643	1202	-1046
027L0081	PINE GROVE COMMUNITY WATER ASSOCIATION	15514	-90.6261	34.1008	157	NE/SE/NE/NE	29	26N	4W		157	135		22	135	SPRT	190	40	027L0081	SANDY CLAY AND BEDS OF SAND	55					135	22	715	-558	776	-619	800	-643	1210	-1053
027L0133	HARRIS, JESSE		-90.58	34.15778	162	SW/SW/NW/NE	2	26N	4W		162	177		-15	177	SPRT	184	65	027L0133	CLAY	7					177	-15								
027M0028	MATTSON GIN WATER SYSTEM		-90.5125	34.0978	162	NE/NE/SE/NW	28	26N	3W		162	153		9	153	SPRT	153	125	027M0028	NO SEPARATION	0					153	9	630	-468	648	-486	683	-521	1132	-970
027M0086	LU-RAND UTILITY DISTRICT	15785	-90.5286	34.1383	155	NW/NW/NW/SE	8	26N	3W		155	154	Y	1	154	SPRT	156	40	027M0086	CLAY	2					154	1	616	-461	660	-505	687	-532	1150	-995
027M0100	MOORE BAYOU WATER ASSOCIATION INC	16245	-90.4908	34.0731	158	SE/SE/SW/SE	34	26N	3W		158	126	Y	32	126	SPRT	126	90	027M0100	NO SEPARATION	0					126	32	608	-450	631	-473	666	-508	1087	-929
027N0042	DULANEY FARMS		-90.5925	34.0606	158	SW/SE/SE	3	25N	4W		158	147		11	147	SPRT	147	85	027N0042	NO SEPARATION	0					147	11	684	-526	753	-595				
027N0058	DULANEY FARMS		-90.5906	34.0597	158	NW/NE/NE/NE	10	25N	4W		158	150		8	150	SPRT	150	65	027N0058	NO SEPARATION	0					150	8								
027N0170	NATURES CATCH		-90.5717	34.0153	150	NW/NW/NW/NW	25	25N	4W		150	170		-20	170	SPRT	174	260	027N0170	CLAY	4					170	-20	686	-536	720	-570	750	-600	1233	-1083
027N0701	NATURES CATCH STRAT HOLE		-90.5722	34.0142	155	NW/NW/NW/NW	25	25N	4W		155	170		-15	170	SPRT			027N0701							170	-15								
027O0009	FLOWERS, ROY		-90.47	34.0475	160	NE/SE	11	25N	3W	ONLY GR LOG. DO NOT TRUST PICKS BELOW BASE OF MRVA.	160	127		33	127	SPRT	190	110	027O0009	SANDY CLAY	63					127	33								
027O0010	FLOWERS, ROY		-90.5403	34.0533	155	NE/SE/NE	7	25N	3W		155	160		-5	160	SPRT	172	175	027O0010	SANDY CLAY	12					160	-5								
027O0025	DUBLIN SCHOOL		-90.4839	34.0667	156	SW/SW/NW	2	25N	3W	APPEARS TO HAVE BEEN CASED TO 200 FEET.	156					SPRT			027O0025									616	-460	652	-496	683	-527		
027O0034	WIGGERS, A R		-90.5219	34.0286	150	NE/NE/NE	20	25N	3W		150	164		-14	164	SPRT	182	90	027O0034	SANDY CLAY	18					164	-14								

DESOTO COUNTY

DESOTO COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
033A0009	JARRATT, R S		-90.1534	34.9588	208	SW/NE	33	1S	9W	GAMMA RAY LOG. LOG CHARACTER IS TOO POOR TO MAKE PICKS INTO THE TERTIARY.	208	128		80	128	CKMN	204	110	033A0009	SANDY CLAY	76	128	80	204	4								
033A0012	WALLS WATER ASSOCIATION INC	12487	-90.15444	34.95361	209	NE/NW/SE	33	1S	9W	LOG RUNS THROUGH DRILL STEM TO ABOUT 146 FEET. CAN'T SEE MRVA ON LOG. UPPER PART OF LOG SO POOR CAN'T MAKE A COOK MTN/SPARTA CONTACT PICK.	209					CKMN			033A0012							588	-379	631	-422	659	-450	863	-654
033A0059	WALLS WATER ASSOCIATION INC	15380	-90.10778	34.96278	298	SE/SW/SE/SW	25	1S	9W	IN BLUFF HILLS	298								033A0059					202	96	572	-274	628	-330	644	-346	857	-559
033A0103	SULLIVAN, H P		-90.1744	34.9603	205	NW/NE	32	1S	9W	GAMMA RAY LOG. LOG CHARACTER IS TOO POOR TO MAKE PICKS INTO THE TERTIARY.	205	124		81	124	CKMN	195	180	033A0103	SANDY CLAY WITH INTERBEDDED SAND (40/60 CLAY/SAND)	71	124	81	195	10								
033E0026	BRANTLEY, J C		-90.2099	34.9035	207	NW/NE	24	2S	10W	GAMMA RAY LOG.	207	132		75	132	CKMN	184	190	033E0026	SANDY CLAY	52	132	75	184	23	523	-316	612	-405	647	-440	890	-683
033E0034	C.I.B.A. CORPORATION		-90.2438	34.8897	200	NE/NW/NE	27	2S	10W	VERY GOOD ELOG.	200	100		100	100	CKMN	342	90	033E0034	SANDY CLAY AND MINOR SAND BEDS	242	100	100	233	-33	605	-405	678	-478	706	-506	920	-720
033E0083	WALLS WATER ASSOCIATION INC	15379	-90.20167	34.90333	206	NW/NW/NW/NW	19	2S	9W		206	145		61	145	CKMN	212	100	033E0083	SANDY CLAY WITH A FEW INTERBEDDED SAND BEDS	67	145	61	188	18	557	-351	625	-419	661	-455	889	-683
033E0141	BGE EG3-6		-90.1673	34.8892	205	NE/NE/NE/NE	29	2S	9W		205	118		87	118	CKMN	150		033E0141	SANDY CLAY	32	118	87	150	55								
033E0600	UNION PRODUCING COMPANY F T WITHERS ESTATE #1		-90.2	34.9139	220	NW/SW/NW	18	2S	9W	OIL TEST	220	160		60	160	CKMN	200	250	033E0600	SANDY CLAY	40	160	60	200	20	584	-364	610	-390	630	-410	847	-627
033J0101	NORTH MISSISSIPPI UTILITY COMPANY INC	15148	-90.15278	34.83	310	NE/NE	16	3S	9W	IN BLUFF HILLS. APPEARS TO HAVE BEEN CASED TO 120 FEET. GR INDICATES CLEAN SEDIMENTS FROM 25 TO 115 FEET. PROBABLY LOESS AND TERRACE MATERIALS.	310								033J0101					181	129	502	-192	575	-265	594	-284	830	-520

GRENADA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
043E0039	MALMAISON GAME MANAGEMENT #1		-90.0475	33.749444	145	SW/NW/NW/NW	25	22N	2E	THIS IS ACTUALLY A FAN DEPOSIT. NOT TRUE MRVA IN CONVENTIONAL TERMS. YALOBUSHA FAN	145	52		93	52	ZILF	77	33
043E0040	MALMAISON WILDLIFE MANAGEMENT #2		-90.050833	33.684722	160	NW/SE/SE/NE	14	21N	2E	THIS IS PROBABLY A FAN DEPOSIT AND COLLUVIUM FROM THE BLUFF. NOT TRUE MRVA AS IT IS NORMALLY THOUGHT OF. DON'T THINK IT IS SPARTA.	160	65		95	65	ZILF	116	36
043E0041	HOBGOOD #1		-90.03488	33.67991	215	NE/NW/SE/SE	13	21N	2E	IN BLUFF HILLS	215							
043F0030	POOR HOUSE WATER ASSOCIATION INC	7716	-89.9503	33.7011	302	SW/NE	11	21N	3W		302							

GRENADA COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL
043E0039	SILT AND SILTY SAND W/MINOR CLAY	25			52	93	77	68	110	35
043E0040	SILT W/SOME SAND AND PROBABLE SILTY CLAY	51			65	95	116	44	151	9
043E0041					87	128	142	73	160	55
043F0030			34	268	115	187	132	170	167	135

HOLMES COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
051A0014	ARCHER, A B		-90.270701	33.313664	120	NE/NE/NW	26	17N	1W		120	116		4	116	SPRT	126	60
051B0022	CRUGER, TOWN OF	4305	-90.23667	33.319722	123	NE/SW	19	17N	1E		123	140	Y	-17	140	SPRT	140	95
051B0037	KILLEBREW, JOHN		-90.15556	33.305278	140	SW/SW/NW/SW	25	17N	1E	APPEARS TO BE ON AN ALLUVIAL FAN NEAR BLUFF EDGE RATHER THAN TYPICAL MRVA. FOR THE PURPOSES OF CLASSIFICATION FAN DEPOSITS WILL BE RECORDED AS MRVA.	140	30		110	30	SPRT	48	90
051B0041	KILLEBREW, JOHN #2		-90.15139	33.30639	156	NE/SW/NE/SW	25	17N	1E	APPEARS TO BE ON AN ALLUVIAL FAN NEAR BLUFF EDGE RATHER THAN TYPICAL MRVA. FOR THE PURPOSES OF CLASSIFICATION FAN DEPOSITS WILL BE RECORDED AS MRVA.	156	39		117	39	SPRT	165	45
051B0043	KILLEBREW, JOHN #3		-90.15333	33.305	138	NW/NW/SW/SW	25	17N	1E	APPEARS TO BE ON AN ALLUVIAL FAN NEAR BLUFF EDGE RATHER THAN TYPICAL MRVA. FOR THE PURPOSES OF CLASSIFICATION FAN DEPOSITS WILL BE RECORDED AS MRVA.	138	40		98	40	SPRT	53	65
051B0052	CRUGER, TOWN OF	16970	-90.23611	33.32111	124	NE/SE/NE/SW	19	17N	1E		124	131		-7	131	SPRT	141	135
051C0024	ACONA WATER ASSOCIATION INC	16720	-90.081944	33.246944	328	NE/NE/SW/SW	15	16N	2E	LOCATION IS IN THE HILLS. CASING SET TO 55 FEET. 7 RUNS IN TWO DAYS. DON'T TRUST PART OF LOG. NO TOP OF WINONA OR TALLAHATTA PICKS WOULD BE RELIABLE.	328							
051G0009	LOVE, J T		-90.270363	33.215382	115	NE/SE/SW	26	16N	1W		115	140		-25	140	CKMN	160	50
051H0002	SHARPE, G P		-90.232615	33.203246	112	NW/SE	31	16N	1E		112	142		-30	142	SPRT	205	45
051J0019	WEST HOLMES WATER ASSOCIATION INC	14349	-90.2975	33.129444	116	SE/SE	21	15N	1W		116	133		-17	133	CKMN	275	75
051J0068	WEST HOLMES WATER ASSOCIATION INC	16346	-90.298611	33.120278	114	SE/NE	28	15N	1W	UPPERMOST 220 FEET OF LOG IS EITHER RUN THROUGH PIPE OR LOGGER WAS NOT OPERATING PROPERLY. LOG ONLY GOOD BELOW 220 FEET.	114					CKMN		
051J0078	OOG WESTERFIELD #1		-90.246667	33.111944	125	NE/NW/NE/NE	36	15N	1W		125	167		-42	167	CKMN	285	50

HOLMES COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
051A0014	CLAY	10					116	4	564	-444	648	-528	675	-555		
051B0022	SAND ON SAND	0					140	-17	490	-367	584	-461	604	-481	1040	-917
051B0037	SILTY CLAY	18					30	110	407	-267						
051B0041	SILTY CLAY WITH SOME LIGNITE AND SAND	126					39	117	424	-268	520	-364				
051B0043	CLAY - SOME LIGNITE NOTED IN CUTTINGS	13					40	98	412	-274						
051B0052	CLAY	10					131	-7	489	-365	587	-463	613	-489	1052	-928
051C0024									405	-77					1010	-682
051G0009	PREDOMINANTLY CLAY WITH THIN SAND BEDS	20			140	-25	160	-45	710	-595	874	-759	904	-789	1256	-1141
051H0002	INTERBEDDED SAND (60 - 65%) AND CLAY (35 - 40%)	63					142	-30	655	-543						
051J0019	ABOUT 50% SAND AND 50% CLAY	142			133	-17	275	-159	802	-686	998	-882	1017	-901	1366	-1250
051J0068									846	-732	1025	-911	1048	-934	1394	-1280
051J0078	CLAY, SILTY SAND, AND SAND	118			167	-42	285	-160								

HOLMES COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
051J0800	PAN AMERICAN PETROLEUM CORP #1 SHADRACK DAVIS		-90.328249	33.165619	111	IR/SW	8	15N	1W	OIL TEST.	129					CKMN		
051K0008	TCHULA, CITY OF	3102	-90.223611	33.1825	117	NE/NW/NW	8	15N	1E		117	119		-2	119	SPRT	230	50
051K0010	SHUTTLEWORTH, D L		-90.215	33.163333	117	SE/SW/SE	17	15N	1E	ELOG TO 1160 FT. WELL MADE IN APPARENT MERIDIAN (1323 - 1363 FEET).	117	132		-15	132	SPRT	132	60
051K0016	BURKS, E L		-90.144794	33.100051	300	NE/SW/SE	36	15N	1E	IN BLUFF HILLS. PROBABLY LOESS AND TERRACE DEPOSITS OVERLYING COCKFIELD. NO DEFINITE PICKS.	300							
051K0030	MARSHALL SCHOOL		-90.182763	33.165731	220	NE/SE/NE/NW	15	15N	1E	NO DLOG	220							
051K0046	TCHULA, CITY OF	3686	-90.226944	33.196389	117	SE/NE/NE/NE	6	15N	1E	APPEARS TO HAVE BEEN CASED TO ABOUT 140 FEET. AGREES WITH DLOG BASE OF GRAVEL AT 146 FEET.	117	146	Y	-29	146	SPRT	152	38
051K0140	DIGGS, W E		-90.215	33.153611	125	NW/NE	20	15N	1E		125	134	Y	-9	134	SPRT	134	40
051K0501	HAWKINS AND HOWELL A P JONES #1		-90.1893	33.14048	148	NW/NW	27	15N	1E	OIL TEST. PROBLEM WITH LOCATION ON HEADER. CHANGED TO MORE CLOSELY MATCH DF ELEVATION.	164							
051K0800	TREADWAY AND LATIMER UNGER-DARNELL #1		-90.231829	33.189291	114	NE/NW/SE	6	15N	1E	OIL TEST.	123							
051O0007	THOMPSON CATFISH FARM		-90.377858	33.049642	110	SE/NW/NW	23	14N	2W	NO DLOG OR WELL SCHEDULE FOUND.	110	130		-20	130	CCKF	137	105
051O0500	O B TROTTER JAMES R PEASTER #1		-90.41458	33.07653	111	SW/NW	9	14N	2W	OIL TEST.	115							
051O0501	FISHER W M THOMPSON #1		-90.36113	33.04165	111	SW/SW	24	14N	2W	OIL TEST.	117							
051P0012	DULANEY, JOHN W		-90.313669	33.061589	108	SE/SE/NE	17	14N	1W		108	130		-22	130	CCKF	135	90
051P0501	SKELLY W M SPANN #1		-90.283742	33.041009	105	SW/SE	22	14N	1W	OIL TEST.	117							
051P0800	A H ROWIN SMITH #1		-90.33677	33.08104	110	NW/NE	7	14N	1W	OIL TEST. LOG HEADER GIVES DF AS 126 FEET. 3 SCOUT CARDS SAY 124 FEET. 2 OTHER SCOUT CARDS SAY 115! ASSUMING 124 FEET.	124							
051Q0013	HARLAND CREEK COMMUNITY WATER ASSOCIATION INC	12731	-90.197778	33.068333	340	NW/NE	16	14N	1E	IN BLUFF HILLS.	340							

HOLMES COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
051J0800							260	-131	780	-651	975	-846	1022	-893	1370	-1241
051K0008	ABOUT 50 FT SAND BEDS, REMAINDER SANDY CLAY	111					119	-2	657	-540	774	-657	790	-673	1182	-1065
051K0010	NONE					132	-15	686	-569	795	-678	820	-703			
051K0016																
051K0030					98	122	169	51	719	-499	838	-618	858	-638		
051K0046	SILTY CLAY	6					146	-29	636	-519	755	-638	776	-659	1166	-1049
051K0140	NONE	0					134	-9								
051K0501									728	-564	842	-678	864	-700	1231	-1036
051K0800									657	-534	777	-654	835	-712	1200	-1077
051O0007	CLAY	7	130	-20	270	-160										
051O0500							520	-405	1100	-985	1270	-1155	1313	-1198	1598	-1483
051O0501									1085	-968	1275	-1158	1308	-1191	1602	-1485
051P0012	CLAY	5	130	-22	230	-122	345	-237	936	-828	1117	-1009	1147	-1039	1450	-1342
051P0501											1112	-995	1149	-1032	1422	-1305
051P0800									978	-854	1151	-1027	1197	-1073	1470	-1346
051Q0013					391	-51	484	-144	1028	-688	1168	-828	1220	-880	1531	-1191

HUMPHREYS COUNTY																					HUMPHREYS COUNTY															
FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
053A0002	ROWLAND, BOYCE		-90.52306	33.31649	112	SE/SE	17	17N	3W		112	114		-2	114	CCKF	154	95	053A0002	INTERBEDDED SAND AND CLAY	40	114	-2	296	-184	400	-288								
053A0021	ROLAND, H B		-90.53326	33.31881	110	SW/SW/NE/SW	17	17N	3W		110	114		-4	114	CCKF	154	95	053A0021	SANDY CLAY	40	114	-4	294	-184	400	-290	959	-849	1067	-957	1091	-981		
053A0078	WRIGHT FISH FARM		-90.52306	33.31444	112	NW/NE/NE/NE	20	17N	3W		112	107		5	107	CCKF	178	65	053A0078	ABOUT 45 FEET OF CLAY AND 26 FEET OF SAND	71	107	5	250	-138	375	-263	932	-820	1058	-946	1088	-976	1503	-1391
053B0020	SWITZER, JR, W A		-90.60199	33.20769	108	NW/SE/NW	27	16N	4W		108	120		-12	120	CCKF	342	42	053B0020	SAND CLAY W/MINOR SAND	222	120	-12	430	-322	599	-499								
053B0024	NELMS, RUPERT		-90.67787	33.19713	106	NE/NE	35	16N	5W		106	142		-36	142	CCKF	188	40	053B0024	SANDY CLAY	46	142	-36	470	-364	614	-508								
053B0025	SCRUGGS, J W		-90.64113	33.21639	106	NW/SW/SW	20	16N	4W		106	146		-40	146	CCKF	250	100	053B0025	SANDY CLAY AND A FEW SAND BEDS	104	146	-40	490	-384	642	-536								
053B0072	ISOLA, TOWN OF	2911	-90.59139	33.25639	113	SE/SE/SE	3	16N	4W		113	145		-32	145	CCKF	165	255	053B0072	CLAY	20	145	-32	500	-387	622	-509								
053B0164	THORPE, T A		-90.57393	33.20448	106	NE/NE/SE	26	16N	4W		106	131		-25	131	CCKF	228	165	053B0164	INTERBEDDED SAND AND SANDY CLAY	97	131	-25	400	-294	550	-444								
053B0178	CONAGRA FISH PRODUCTS		-90.58944	33.25536	112	NW/NW/NW	11	16N	4W		112	132		-20	132	CCKF	180	160	053B0178	SANDY CLAY WITH SOME SAND BEDS	43	132	-20	498	-386	637	-525								
053B0284	L-CON CONSTRUCTION COMPANY		-90.61667	33.25611	112	SE/SE/SE/SW	4	16N	4W	NO DLOG. ABOVE A DEPTH OF 220 FEET ONLY THE GR CURVE IS OF USE. CHARACTER OF GR IS CONSISTENT ABOVE A DEPTH OF 161 FEET. THIS INTERVAL SHOULD BE THE MRVA. THE GR BELOW 161 FEET IS CONSISTENT IN CHARACTER AND THIS IS THE BASIS FOR PICKING THE COCKFIELD INTERVAL.	112	161		-49	161	CCKF	161	36	053B0284	NONE	0	161	-49	576	-464	668	-556								
053B0338	OLWR HU-701		-90.58351	33.18682	105	NE/NW/SE/SW	35	16N	4W		105	150		-45	150	CCKF	240	45	053B0338	INTERBEDDED SAND AND CLAY	90	150	-45												
053C0018	FIELDER, D D		-90.47927	33.25298	115	SW/NW/NE	11	16N	3W		115	120		-5	120	CCKF	195	100	053C0018	SAND BEDS @ 45%; CLAY @ 55%	75	120	-5	324	-209	413	-298	970	-855	1099	-984	1119	-1004	1540	-1425
053C0141	HUMPHREYS COUNTY WATER ASSOCIATION	14663	-90.47778	33.25222	115	NW/SW/NE	11	16N	3W		115	119		-4	119	CCKF	202	125	053C0141	SANDY CLAY	83	119	-4	331	-216	422	-307								
053C0212	THORPE, T A		-90.50667	33.1875	108	SE/NE/SE	33	16N	3W		108	130		-22	130	CCKF	228	175	053C0212	INTERBEDDED SAND AND CLAY	98	130	-22	400	-292	551	-443								
053C0500	ROESER AND PENDLETON STATE LAND #1		-90.520155	33.239789	115	NW/NW	16	16N	3W	OIL TEST.	124								053C0500					345	-221	463	-339	1118	-994	1198	-1074	1222	-1098	1602	-1478
053D0010	PUGH, WALTER		-90.40513	33.20581	112	SE/SW/SE/NE	28	16N	2W	BASE OF MRVA QUESTIONABLE ON ELOG. APPARENTLY MRVA ON COCKFIELD SAND. TOP OF SPARTA A BIT UNCERTAIN, LOG CHARACTER NOT PARTICULARLY GOOD.	112	116	Y	-4	116	CCKF	116	40	053D0010	NONE	0	116	-4	156	-44	365	-253	854	-742	975	-863	993	-881	1407	-1295
053D0016	PINKERTON, CHARLES		-90.36592	33.1999	110	IR/NW	36	16N	2W		110	122		-12	122	CKMN	130	30	053D0016	CLAY	8			122	-12	317	-207								
053D0021	BARRET, W O		-90.3922	33.23741	117	IR/NW	22	16N	2W		117	142		-25	142	CKMN	314	60	053D0021	INTERBEDDED SAND AND CLAY	172			142	-25	314	-197								

HUMPHREYS COUNTY | HUMPHREYS COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
053D0085	AUST, WADE		-90.42519	33.20272	115	SE/NW/SE	29	16N	2W	COULD NOT FIND DLOG OR WELL SCHEDULE OR FULL SCALE COPY OF LOG.	115	119		-4	119	CCKF	202	75	053D0085	ABOUT 60 FT SANDY CLAY AND 23 FT INTERBEDDED SANDS	83	119	-4	214	-99	398	-283								
053E0032	BUFKIN, G W		-90.58716	33.13799	107	NW/NW	23	15N	4W		107	143		-36	143	CCKF	274	85	053E0032	INTERBEDDED SAND AND CLAY	131	143	-36	391	-284	485	-378								
053E0033	PARKS, H C		-90.60605	33.13893	105	SW/SW/SW	15	15N	4W		105	144		-39	144	CCKF	249	60	053E0033	SANDY CLAY	105	144	-39	370	-265	490	-385								
053E0036	KILPATRICK, HOLLIS		-90.56302	33.16868	105	SW/SW/SE	1	15N	4W		105	155		-50	155	CCKF	272	115	053E0036	INTERBEDDED SAND AND CLAY (55 TO 60% SAND)	117	155	-50	396	-291	580	-475								
053E0044	HOMOD, TOMMY		-90.55584	33.11873	100	SE/NE/SE/NE	25	15N	4W		100	140		-40	140	CCKF	262	65	053E0044	SANDY CLAY AND A FEW THIN SAND BEDS	122	140	-40	374	-274	495	-395								
053E0099	CONAGRA FISH PRODUCTS		-90.62936	33.1819	105	NE/NW/NE	5	15N	4W		105	112		-7	112	CCKF	300	120	053E0099	SANDY CLAY WITH MINOR INTERBEDDED SAND	188	112	-7												
053E0102	CONAGRA FISH PRODUCTS		-90.60532	33.11592	100	NE/NW/NW/SW	27	15N	4W		100	130		-30	130	CCKF	140	55	053E0102	SANDY CLAY	10	130	-30	292	-192	486	-386								
053E0147	HUMPHREYS COUNTY SCHOOLS	14661	-90.60694	33.1525	103	NE/NE/NE/NE	16	15N	4W	LOG HEADER PLACES THIS IN S9, LOCATION CORRECTED ON SITE VISIT.	103	155		-52	155	CCKF	157	55	053E0147	CLAY	2	155	-52	415	-312	518	-415								
053E0186	REED ENTERPRISES INC		-90.59284	33.11858	100	SE/NW/SE/NE	27	15N	4W		100	120		-20	120	CCKF	152	55	053E0186	SANDY CLAY	32	120	-20												
053E0188	KIKER, SCOTT		-90.63904	33.11153	100	SE/NW/SW/SW	29	15N	4W	NO DLOG OR WELL SCHEDULE FOUND. T19N MUST BE IN ERROR, SHOULD BE IN T15N.	100	121		-21	121	CCKF	135	110	053E0188	CLAY	14	121	-21	282	-182	435	-335	1034	-934	1113	-1013	1140	-1040		
053E2007	THARP, THOMAS		-90.56895	33.18298	108	NE/NW/NW	1	15N	4W		108	130		-22	130	CCKF	310	110	053E2007	SANDY CLAY	180	130	-22	430	-322	600	-492								
053F0031	GREENCREST CEMETARY		-90.50887	33.18038	110	SW/NE/NE	4	15N	3W		110	104		6	104	CCKF	285	95	053F0031	INTERBEDDED SAND (@55%) AND CLAY	181	104	6	408	-298	570	-460								
053F0070	HUMPHREYS COUNTY WATER ASSOCIATION	3807	-90.48333	33.17389	105	NE/NW/SW	2	15N	3W		105	125		-20	125	CCKF	195	115	053F0070	INTERBEDDED SAND AND CLAY	70	125	-20	347	-242	496	-391								
053F0103	BELZONI, TOWN OF		-90.49083	33.17583	108	NW/NW/NE/SE	3	15N	3W	NO DLOG. GR CURVE USED TO PICK MRVA	108	137		-29	137	CCKF	226	145	053F0103	SANDY CLAY	89	137	-29	400	-292	526	-418								
053F0153	SILVER CITY, TOWN OF	3	-90.49306	33.10222	115	NE/SE/SW	34	15N	3W	THIS WELL AND F0158 ARE AT THE SAME LOCATION. DLOGS ARE CONFUSING. ELOGS ARE CORRELATIVE. PICKING BASE OF ALLUVIUM BASED ON DIFFERENT LOG CHARACTER OF APPARENT COCKFIELD SANDS COMPARED TO SANDS ABOVE 180 FEET.	115	179	Y	-64	179	CCKF	304	45	053F0153	MAINLY SANDY CLAY WITH MINOR SAND BEDS	125	179	-64	372	-257	530	-415								
053F0156	DELTA PRIDE CATFISH INC	14960	-90.50194	33.15694	112	NE/NW/SW/SW	10	15N	3W		112	131		-19	131	CCKF	220	200	053F0156	SANDY CLAY AND CLAYEY SAND	89	131	-19	424	-312	604	-492								

HUMPHREYS COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
053F0158	SILVER CITY, TOWN OF	15423	-90.49711	33.09664	113	NE/SW/SE/SW	34	15N	3W	DLOG OF THIS WELL & F0153 DON'T CORRESPOND. PICKED BASE OF MRVA BASED ON LOG CHARACTER. APPARENT COCKFIELD SANDS ARE AS CLEAN AS THOSE ABOVE 200 FEET BUT OF MUCH DIFFERENT LOG CHARACTER.	113	190	Y	-77	190	CCKF	240	120
053F0222	OLWR HU-701		-90.55014	33.1182	105	NW/SW/SE/NW	30	15N	3W	TD 300 FEET. NO SIGNIFICANT TERTIARY SAND INTERVALS.	105	132		-27	132	CCKF		
053F0600	THE TEXAS COMPANY LAURA A LIGHTCAP #1		-90.51177	33.12738	113	NE/NE/SE/SW	21	15N	3W	OIL TEST. CORRELATES WELL WITH F00153, 2 MILES TO THE SE.	123	198		-75	198	CCKF	198	65
053G0002	HERRING, L B		-90.38592	33.17634	112	NE/NE/SE	3	15N	2W		112	184		-72	184	CKMN	270	40
053G0031	EDWARD, ROBERT		-90.38209	33.12253	110	SE/SW/NW/NW	26	15N	2W		110	176	Y	-76	176	CCKF	186	100
053G0063	HUMPHREYS COUNTY WATER ASSOCIATION	14462	-90.37926	33.12504	112	NE/NW/NW	26	15N	2W		112	172	Y	-60	172	CCKF	172	32
053G0065	FRESHWATER FARMS PRODUCTS LLC	15168	-90.42565	33.17974	111	NE/NW/SW/NE	5	15N	2W	LOG CHARACTER IS NOT HELPFUL AND DLOG USELESS TO PICK BASE OF MRVA. BASE OF MRVA PICKED ON BREAKS IN CURVES AND SOME SHIFT OF LOG CHARACTER BELOW PICK.	111	116	Y	-5	116	CCKF	142	120
053G0501	CITIES SERVICE JONES ESTATE #1		-90.337379	33.138387	116	NW/NE	19	15N	1W	OIL TEST.	123							
053H0031	HUMPHREYS COUNTY WATER ASSOCIATION	3808	-90.57417	33.04639	107	NW/SW/SE/NE	23	14N	4W	SLIGHT SHIFT IN RES. CURVES AT 131 FEET. DRILLER MAY HAVE CARRIED SAND AND GRAVEL TO 168 FEET. ON THE BASIS OF CORRELATION WITH H0051, PICKED BASE OF MRVA AT 158 FEET.	107	158	Y	-51	158	CCKF	158	46
053H0051	DILLARD, BILL		-90.56491	33.02103	105	NE/NW	36	14N	4W		105	167	Y	-62	167	CCKF	174	32
053H0500	UNION C B BOX #1		-90.60168	33.05587	105	SW/SW/NE/SW	15	14N	4W	OIL TEST	116	143	Y	-27	143	CCKF	143	67
053H0501	CLAYPOOL & CREIGHTON CARTWRIGHT #1		-90.560789	33.065059	112	NW/NE	13	14N	4W	OIL TEST	115							
053H0502	FRED WALL BOX ESTATE #1		-90.586263	33.0396	103	SW/SW	23	14N	4W	OIL TEST	109							
053H0503	GREGGTEX GASOLINE BOX ESTATE #1		-90.560306	33.050985	108	NW/NE	24	14N	4W	OIL TEST	120							

HUMPHREYS COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
053F0158	SANDY CLAY AND SAND	50	190	-77	365	-252	530	-417								
053F0222			132	-27												
053F0600	NONE	0	198	-75	376	-253	554	-431	1085	-962	1280	-1157	1304	-1181	1609	-1486
053G0002	SANDY CLAY	86			184	-72	366	-254	920	-808	1063	-951	1084	-972	1420	-1308
053G0031	CLAY	10	176	-66	332	-222	469	-359	1006	-896						
053G0063	NONE	0	172	-60	341	-229	452	-340								
053G0065	VERY SANDY CLAY	26	116	-5	280	-169	422	-311								
053G0501									897	-774	1034	-911	1067	-944	1389	-1266
053H0031	NONE	0	158	-51	204	-97	370	-263								
053H0051	CLAY	7	167	-62	206	-101	390	-285								
053H0500	NONE	0	143	-27	210	-94	379	-263	860	-744	1007	-891	1023	-907	1228	-1112
053H0501									1032	-917	1161	-1037	1177	-1053	1415	-1291
053H0502									921	-812	1052	-943	1068	-959	1275	-1166
053H0503											1105	-985	1126	-1006	1312	-1192

HUMPHREYS COUNTY

HUMPHREYS COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
053J0164	HUMPHREYS CO. W A FISH LAKE ROAD WELL #8		-90.48862	33.05239	105	NE/NE	22	14N	3W	ONE THING CAN BE DEFINITELY STATED RE THE THICKNESS OF THE MRVA FROM THE ELOG. IT IS NOT THICKER THAN 145 FEET. THE DLOG STATES THAT COARSE SAND AND GRAVEL IS FROM 84 TO 147 FEET. BASED ON GR AND DLOG, I WILL ASSUME MRVA TO BE 145 FEET. CORRELATES WELL WITH LOGS OF WELLS IN THIS PART OF THE COUNTY. BECAUSE OF THE LARGE DIAMETER STEEL CASING, THE RELIABILITY OF THE GR ABOVE 145 FEET IS OPEN TO QUESTION.	105	145	Y	-40	145	CCKF	154	45	053J0164	MIXED SAND AND CLAY	9	145	-40	288	-183	500	-395								
053J0600	SLICK OIL COMPANY J V HINES #1A		-90.41344	33.04411	107	NW/SW	21	14N	2W	OIL TEST	119	144		-25	144	CCKF	152	145	053J0600	CLAY WITH MINOR SAND BED	8	144	-25	308	-189	529	-410	1116	-997	1335	-1216	1358	-1239	1669	-1550
053K0009	HUMPHREYS COUNTY BOARD OF SUPERVISORS		-90.60668	32.97112	103	NE/SE	16	13N	4W		103	117		-14	117	CCKF	354	42	053K0009	INTERBEDDED SAND AND SANDY CLAY	237	117	-14	490	-387	578	-475								
053K0010	TWIST PLANTATION		-90.57279	32.9241	99	SE/SE	35	13N	4W		99	151		-52	151	CCKF	294	55	053K0010	INTERBEDDED SAND AND VERY SANDY CLAY	143	151	-52	589	-490	700	-601								
053K0011	LOUISE, TOWN OF	13309	-90.59241	32.98307	105	SE/NE/SW/SE	10	13N	4W		105	145		-40	145	CCKF	228	35	053K0011	ABOUT 35 FT OF SAND BEDS AND 48 FT OF CLAY	83	145	-40	388	-283	489	-384								
053K0020	ANDERSON BROTHERS MINNOW FARM		-90.5546	32.95256	98	SE/SE/SE	24	13N	4W		98	176		-78	176	CCKF	296	58	053K0020	BROKEN SAND BEDS INTERBEDDED WITH SANDY CLAY	120	176	-78	374	-276										
053K0026	ANDERSON BROTHERS MINNOW FARM		-90.55395	32.95219	97	SE/SE/SE/SE	24	13N	4W		97	178		-81	178	CCKF	316	45	053K0026	BROKEN BEDS OF SAND AND CLAY	138	178	-81												
053K0500	REID CLARK ALLEN #1		-90.620946	32.998519	98	NW/SW	4	13N	4W	OIL TEST	98								053K0500									1098	-1000	1205	-1107	1220	-1122	1421	-1323
053L0027	SEWARD, SON		-90.54822	32.99222	104	SW/NE/NW	7	13N	3W		104	144		-40	144	CCKF	179	50	053L0027	INTERBEDDED SAND AND CLAY	35	144	-40	312	-208	495	-391								
053L0039	JONES, ADRIAN		-90.52004	33.00786	100	NE/NE/NE	5	13N	3W		100	132		-32	132	CCKF	176	85	053L0039	SANDY CLAY	44	132	-32	302	-202	496	-396								
053L0052	FARM FISH INC		-90.51849	32.98565	97	NW/SW/NW/SW	9	13N	3W		97	148		-51	148	CCKF	210	75	053L0052	SANDY CLAY	62	148	-51	383	-286	555	-458								
053L0500	FOHS OIL COMPANY HOLADAY #1		-90.53377	32.997129	105	SW/SW	5	13N	3W	OIL TEST. REPORTED ARTESIAN FLOWS AT 600, 800, & 1900 FEET WHICH CAUSED PROBLEMS WITH RECOVERY OF CUTTINGS FROM INTERVALS ABOVE MIDWAY.	105								053L0500									1236	-1131	1384	-1279	1402	-1297	1660	-1555
053L0501	KIRBY EXPLORATION VARNER #1		-90.46438	32.94634	103	SW/NW	25	13N	3W	OIL TEST	124	139	Y	-15	139	CCKF	139	65	053L0501	NONE	0	139	-15	533	-409	738	-614	1408	-1284	1550	-1426	1596	-1472	1880	-1756

ISSAQUENA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
055A0039	MASSEY, A R		-90.915323	32.956534	100	NE/NE/SE	21	13N	7W		100	128		-28	128	CCKF	146	100
055A0040	WADE, J R		-90.959335	32.993246	106	NE/NW/NE/NW	7	13N	7W		106	120		-14	120	CCKF	206	100
055A0043	HERMAN AND MAHALITE		-90.951956	32.957976	100	SW/SE/NE	19	13N	7W		100	116		-16	116	CCKF	162	100
055A0047	WADE, L T		-90.998776	32.966762	107	NW/NW/NW	23	13N	8W		107	140		-33	140	CCKF	140	125
055A0049	DELANEY, CHARLES		-90.964818	32.954273	104	SW/NW/SW	19	13N	7W		104	113		-9	113	CCKF	215	60
055A0050	GOZA, MILTON		-90.964679	32.931161	105	NW/SW/NW	31	13N	7W		105	115		-10	115	CCKF	295	110
055A0051	MAHALITE, A G		-90.971322	32.9642	100	NW/NE	24	13N	8W		100	108		-8	108	CCKF	165	35
055A0063	PENNEBAKER JR, E L		-91.052463	32.948618	103	NE/SE/NE	30	13N	8W		103	116		-13	116	CCKF	125	46
055A0091	JONES, SHORTY		-91.033986	33.003982	109	SE/SE/SE/NE	5	13N	8W	DLOG LOCATES WELL IN S4. TRUSTING ELOG HEADER.	109	112		-3	112	CCKF	284	65
055A0800	ROY NORTHERN & A W WILLIAMS FLEMING #1		-90.964203	33.003214	107	SW/NW	6	13N	7W	OIL TEST.	110							
055A0801	HUNT OIL ROBINSON-SKINNER #1		-91.049791	32.995617	108	NW/NW	8	13N	8W	OIL TEST. LOG HEADER GIVES S18 BUT O & G BOARD GIVE S8 AS LOCATION. SCOUT CARD LOCATION GIVES NW/NW/NW OF S8 AND DF ELEVATION AS 111 FEET. PICKS ON LOG ARE FINE. ELEVATIONS ARE STRUCTURALLY LOW. CAN'T BE IN S18, THAT MAKES IT WORSE. EITHER STRUCTURAL ELEVATIONS ARE ACTUALLY LOW OR ELEV OR LOC WRONG.	108							
055A0804	HUNT OIL NICHOLSON #1		-91.10776	32.999855	117	NW/NW	27	13N	9W	OIL TEST.	117							
055A0806	HUNT OIL C L DELANY #1		-90.995076	32.948388	105	SE/NW	26	13N	8W	OIL TEST.	110							
055B0012	GRANT, J		-91.001423	32.865783	100	NW/NE/NE	29	12N	8W		100	115		-15	115	CCKF	160	120
055B0013	A G MAHALITC INC		-90.978059	32.901356	98	NW/SW	15	12N	8W	2 DLOGS FOR THIS WELL.	98	120		-22	120	CCKF	130	85
055B0014	MAYERSVILLE, TOWN OF	14914	-91.052222	32.903333	105	NE/NW	3	12N	8W		105	140		-35	140	CCKF	145	65
055B0034	GRANT, JOE		-90.994085	32.84647	99	SW/NW	37	12N	8W	NO DLOG.	99	142		-43	142	CCKF	148	75
055B0035	SHROPSHIRE, DOUGLAS		-90.94311	32.905124	100	SE/NW/NW	8	12N	7W		100	166		-66	166	CCKF	195	240
055B0054	MAYERSVILLE, TOWN OF	15046	-91.053055	32.902222	106	IR/IR	3	12N	8W	CORRELATES WITH B0014	106	144		-38	144	CCKF	158	80
055B0055	MAYERSVILLE, TOWN OF	15174	-91.047778	32.900556	105	IR/IR	3	12N	8W	ISSAQUENA COUNTY CORRECTIONAL FACILITY	105	125		-20	125	CCKF	132	60

ISSAQUENA COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
055A0039	SANDY CLAY AND MINOR SILT OR SAND	18			128	-28	461	-361	660	-560								
055A0040	SANDY CLAY (40 FT) AND SAND BEDS (46 FT)	86			120	-14	428	-322	660	-554								
055A0043	SANDY CLAY AND SAND	46			116	-16	451	-351	616	-516								
055A0047	NONE	0			140	-33	428	-321	612	-505								
055A0049	SANDY CLAY WITH MINOR SAND OR SILT	102			113	-9	425	-321	604	-500								
055A0050	SANDY CLAY (100 ft) AND SAND	180			115	-10	496	-391	657	-552								
055A0051	SANDY CLAY WITH MINOR SAND OR SILT	57			108	-8	418	-318	600	-500								
055A0063	SANDY CLAY AND SAND	9			116	-13	382	-279										
055A0091	SANDY CLAY AND INTERBEDDED SANDS	172			112	-3	455	-346	648	-539								
055A0800							453	-343	648	-538	1325	-1215	1494	-1384	1509	-1399	1677	-1567
055A0801							549	-441	738	-630	1331	-1223	1551	-1443	1570	-1462	1757	-1649
055A0804											1290	-1173	1478	-1361	1495	-1378	1667	-1550
055A0806											1252	-1142	1449	-1339	1468	-1358	1626	-1516
055B0012	SANDY CLAY WITH MINOR SAND BEDS	45			115	-15	426	-326	635	-535								
055B0013	CLAY	10			120	-22	444	-346	628	-530								
055B0014	CLAY	5			140	-35	340	-235	522	-417								
055B0034	SANDY CLAY	6			142	-43	407	-308	600	-501								
055B0035	CLAY	29			166	-66	480	-380	664	-564								
055B0054	SANDY CLAY WITH SOME SAND	14			144	-38	364	-258	532	-426								
055B0055	CLAY	7			125	-20	360	-255	519	-414								

ISSAQUENA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
055B0056	COX, RICKY		-91.051624	32.879287	97	SW/NE/NE/NE	21	12N	8W	CASED TO 80 FEET.	97	145		-48	145	CCKF	153	40
055B0800	HUGHES, HILL, AND MCLEAN #1 MS PRODUCTS - BELL		-90.948013	32.888525	100	NE/SE	18	12N	7W	OIL TEST. CASED TO 330 FEET.	102							
055B0805	PELICAN OIL AND GAS MARTIN G BENDER #1		-91.038705	32.90966	107	IR/NW/NW	11	12N	8W	OIL TEST.	110							
055C0022	ASHBORN, HAROLD		-91.077181	32.827275	100	SE/NE/SW	15	11N	9W		100	120		-20	120	CCKF	232	175
055C0030	KNUCKLES, L W		-91.019477	32.768673	95	SW/NE/SE	32	11N	8W	APPEARS TO BE CASED TO 30 FEET. LOG HEADER ESTIMATES LS ELEVATION TO BE 85 FEET, WELL SCHEDULE ESTIMATES IT TO BE 95 FEET.	95	102		-7	102	CCKF	125	60
055C0031	DAVIS, HENRY		-91.078532	32.835015	105	NE/SW/NE/NW	15	11N	9W		105	137		-32	137	CCKF	206	200
055C0044	TALLULA UTILITY DISTRICT		-91.106389	32.766944	105	IR/SW	11	11N	9W	PROBABLY LOCATED NEAR C0045.	105	127		-22	127	CCKF	136	55
055C0801	LATHROP #1 MANN		-91.048254	32.781352	100	SW/SW	24	11N	8W	OIL TEST. ELEV FROM SCOUT CARD. CASED TO 224 FEET.	100							

ISSAQUENA COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
055B0056	CLAY AND MINOR SAND	8			145	-48	387	-290	578	-481								
055B0800							484	-382	680	-578	1288	-1186	1504	-1402	1525	-1423	1672	-1570
055B0805							360	-250	568	-458	1186	-1076	1392	-1282	1410	-1300	1554	-1444
055C0022	SANDY CLAY	112			120	-20	442	-342	617	-517								
055C0030	SANDY CLAY	23			102	-7	560	-465	735	-640								
055C0031	SANDY CLAY AND SAND BEDS	69			137	-32	434	-329	613	-508								
055C0044	SANDY CLAY	9			127	-22	552	-447	734	-629								
055C0801							500	-400	668	-568	1331	-1231	1567	-1467	1579	-1479	1692	-1592

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
055C0803	C A LATHROP SHIPLAND-GORTNER #1		-91.117151	32.779615	106	SW/SW	24	11N	9W	OIL TEST	106								055C0803							510	-404	680	-574	1347	-1241	1560	-1454	1570	-1464	1683	-1577
055D0016	BOBBS, HENRY		-90.968699	32.720862	95	NE/NE	15	10N	8W	NO DLOG. NOT A VERY GOOD ELOG.	95	159		-64	159	JKSN	252	100	055D0016	YAZOO CLAY, SAND ABOUT 50/50	93	159	-64	237	-142	694	-599	883	-788								
055D0046	TALLULA UTILITY DISTRICT	16212	-91.021111	32.699444	98	SW/SE/NE	22	10N	8W		98	120		-22	120	JKSN	218	50	055D0046	YAZOO CLAY	98	120	-22	240	-142												
055D0800	MAGNOLIA OIL COMPANY COLEMON & MERCHANTS NATIONAL BANK & TRUST CO		-90.976277	32.733165	99	NE/NW	14	10N	8W	OIL TEST.	105								055D0800							684	-579	880	-775	1630	-1525	1818	-1713	1835	-1730	1970	-1865
055D0803	C H MURPHY & SUN OIL M T REED #1		-90.992399	32.68366	97	NE/SW	27	10N	8W	OIL TEST.	104								055D0803							811	-707	976	-872	1750	-1646	1924	-1820	1935	-1831	2054	-1950
055D0805	VAUGHEY-VAUGHEY-REESE SLICK-MOORMAN A-1		-91.053241	32.684068	97	NE/SE	31	10N	8W	OIL TEST.	106								055D0805							679	-573	880	-774	1648	-1542	1821	-1715	1835	-1729	1951	-1845
055D0808	WARREN PETROLEUM CORP J S HEATH #1		-91.000766	32.747331	94	NE/NE	9	10N	8W	OIL TEST.	101								055D0808							642	-541	822	-721	1520	-1419	1704	-1603	1715	-1614	1838	-1737
055D0809	CARTER OIL FITLER PLANTING COMPANY #1		-91.030591	32.697292	88	NW/SW	22	10N	8W	OIL TEST.	99								055D0809							685	-586	890	-791	1592	-1493	1790	-1691	1803	-1704	1920	-1821
055E0002	COLLINS, J L		-91.022418	32.590441	101	NW/NE/NW/NE	33	9N	8W	CASED TO 56 FEET.	101	173		-72	173	JKSN	467	45	055E0002	YAZOO CLAY	294	173	-72	484	-383												
										ISSAQUENA COUNTY																											ISSAQUENA COUNTY
055E0006	GOOSE LAKE FARMS		-90.966639	32.660039	92	NE/NE	1	9N	8W	NO DLOG	92	165		-73	165	JKSN	354	110	055E0006	YAZOO CLAY	189	165	-73	374	-282	886	-794	1073	-981								
055E0009	BIG ISLAND FARMS WELL #1		-90.996831	32.637971	87	NW/SW	11	9N	8W	CASED TO 45 FEET.	87	180		-93	180	JKSN	364	50	055E0009	YAZOO CLAY	184	180	-93	380	-293	872	-785	1092	-1005								
055E0018	COCKRAN, GLEN		-91.019793	32.591661	100	SW/SW/SE/SE	28	9N	8W		100	178		-78	178	JKSN	436	70	055E0018	YAZOO CLAY	258	178	-78	453	-353												
055E0022	NEWMAN, BUTCH		-91.015252	32.644497	100	SW/NW	10	9N	8W		100	236		-136	236	JKSN	320	38	055E0022	YAZOO CLAY	84	236	-136	341	-241												
055E0801	C H MURPHY AND SUN OIL J ATKINSON #1		-91.031344	32.650964	91	SW/SW	4	9N	8W	OIL TEST.	99								055E0801							797	-698	984	-885	1728	-1629	1958	-1859	1972	-1873	2095	-1996
055E0805	BURNS AND MILLER ANDERSON-TULLY #1		-90.988274	32.592572	94	SW/SE	26	9N	8W	OIL TEST. CASED TO 335 FEET.	94					JKSN			055E0805					460	-366	1000	-906	1208	-1114	2060	-1966	2259	-2165	2278	-2184	2430	-2336
055E0809	VAUGHEY & VAUGHEY - DON REESE HUTTON - CAMPBELL-MOORMAN #1		-91.117822	32.638087	100	NW/SW	10	9N	9W	OIL TEST.	109								055E0809							638	-529	765	-656	1449	-1340	1672	-1563	1685	-1576	1780	-1671
055E0812	C H MURPHY AND SUN OIL TRICO #1		-91.05788	32.63516	100	SW/SE	7	9N	8W	OIL TEST.	105								055E0812							748	-643	934	-829	1665	-1560	1894	-1789	1907	-1802	2020	-1915
055F0005	FLEEMAN, JACK		-90.866837	32.658283	100	NE/SW/NE	1	9N	7W		100	167		-67	167	JKSN	388	135	055F0005	YAZOO CLAY	221	167	-67	410	-310	860	-760	1076	-976								
055F0007	PEEPLES, C O		-90.864783	32.634888	95	SW/SE/SE	12	9N	7W		95	153		-58	153	JKSN	440	45	055F0007	YAZOO CLAY	287	153	-58	466	-371	930	-835	1142	-1047								
055F0008	FRISBEE, RALPH		-90.862604	32.629688	93	NE/SE/NE	13	9N	7W	NOT A GREAT ELOG	93	152	Y	-59	152	JKSN	466	35	055F0008	YAZOO CLAY	314	152	-59	488	-395	944	-851	1144	-1051								
055F0013	JOHNSON, JOHNNY		-90.864043	32.632061	90	NE/NE	13	9N	7W		90	156		-66	156	JKSN	458	34	055F0013	YAZOO CLAY	302	156	-66	473	-383												
055F0040	FRISBEE FLYING SERVICES		-90.864177	32.62863	96	SE/NW/SE/NE	13	9N	7W		96	157		-61	157	JKSN	467	30	055F0040	YAZOO CLAY	310	157	-61	488	-392												
055F0800	LOVE KIRKLAND-KING #1		-90.935203	32.642445	91	SW/NE	8	9N	7W	OIL TEST. DISAGREEMENT ON LOCATION FOR LOG HEADER AND 2 DIFFERENT SCOUT CARDS. CASED TO 351 FEET.	97								055F0800					470	-373	940	-843	1149	-1052	1970	-1873	2135	-2038	2156	-2059	2305	-2208
055G0012	ROWE, INEZ		-90.860442	32.640146	95	NW/NW/SW	7	9N	6W		95	154		-59	154	JKSN	432	36	055G0012	YAZOO CLAY	278	154	-59	453	-358												
055G0014	WHITTEN, J W		-90.860535	32.647601	95	NW/NW/NW	7	9N	6W		95	162		-67	162	JKSN	488	45	055G0014	250 FT YAZOO CLAY, 12 FT MOODYS BRANCH, 64 FT CCKF	326	162	-67	424	-329	882	-787	1099	-1004								
055G0015	WHITTEN, J W		-90.860775	32.638503	97	SW/NW/SW	7	9N	6W	SP NOT WORKING BUT LOG CORRELATES WITH OTHER WELLS NEARBY.	97	150		-53	150	JKSN	514	20	055G0015	294 FT YAZOO CLAY, 16 FT MOODYS BRANCH, 54 FT CCKF	364	150	-53	460	-363	912	-815	1120	-1023								
055G0016	ADEN BROTHERS FARMS		-90.836759	32.576377	97	SE/SE/SW	32	9N	6W	LOG ONLY REACHES A DEPTH OF 200 FEET IN THE YAZOO CLAY.	97	152		-55	152	JKSN			055G0016	YAZOO CLAY		152	-55														
055G0805	BUSH BROCK #1		-90.859595	32.649694	95	SW/SW/SW	6	9N	6W	OIL TEST.	100								055G0805							870	-770	1080	-980	1851	-1751	2100	-2000	2115	-2015	2286	-2186
055G0808	STANOLIND BENTON #1		-90.85337	32.62852	94	SE/NW	18	9N	6W	OIL TEST.	98								055G0808							938	-840	1145	-1047	1996	-1898	2245	-2147	2262	-2164	2456	-2358
055H0014	MAHANNA FARMS		-90.870059	32.548943	90	SE/SE/SW	12	18N	3E	NO DLOG OR WELL SCHEDULE.	90	154		-64	154	JKSN	626	55	055H0014	YAZOO CLAY	472	154	-64	639	-549												
055H0802	BURNS AND MILLER MOHANNA #1		-90.888872	32.560704	87	NE/NW	11	18N	3E	OIL TEST.	94	165		-71	165	JKSN	588	30	055H0802	YAZOO CLAY	423	165	-71	601	-507	1138	-1044	1328	-1234	2237	-2143	2447	-2353	2462	-2368	2675	-2581

LEFLORE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
083A0062	CARVER, N W		-90.4397	33.7447	125	NE/NW/SE	30	22N	2W		125	136		-11	136	SPRT	192	125
083B0025	DELTA OIL MILL	4153	-90.3025	33.7481	140	SW/NW/NE	28	22N	1W		140	160		-20	160	SPRT	170	130
083B0029	SEMMES, E C		-90.311111	33.735	118	NW/NW	33	22N	1W	GAMMA RAY LOG PICKS UNCERTAIN BUT SEEM SUPPORTED BY DLOG.	118	134		-16	134	SPRT	144	40
083B0044	MINTER CITY WATER AND SEWER DISTRICT	12869	-90.30806	33.74639	138	SW/NW	28	22N	1W		138	120		18	120	SPRT	203	110
083B0112	MINTER CITY WATER AND SEWER DISTRICT	16048	-90.30778	33.74611	140	SW/NW	28	22N	1W		140	120		20	120	SPRT	208	100
083C0011	SCHLATER, TOWN OF		-90.3497	33.6419	130	NE/NE/SE	36	21N	2W		130	130		0	130	SPRT	312	68
083C0101	PILLOW, DUDLEY		-90.3947	33.6364	122	SW/SE/SW	34	21N	2W		122	141	Y	-19	141	SPRT	141	40
083C0114	SCHLATER, TOWN OF	11450	-90.4181	33.6408	118	NW/NW/SW	33	21N	2W		118	108		10	108	SPRT	130	80
083C0133	OLWR - WHITTINGTON #1		-90.3835	33.6638	125	NE/NE	27	21N	2W		125	142		-17	142	SPRT	150	80
083C0184	PEACOCK, TOMMY		-90.44444	33.6975	125	SE/SW	7	21N	2W		125	141		-16	141	SPRT	141	45
083D0002	J T YUEN COMPANY		-90.3464	33.6417	135	NW/SW	31	21N	1W		135	130		5	130	SPRT	302	90
083D0013	SANDERS, COLEY		-90.3167	33.6436	137	SW/SE/NE	32	21N	1W		137	118		19	118	SPRT	134	35
083D0035	SCHLATER BAPTIST CHURCH		-90.3422	33.6411	135	NE/SW	31	21N	1W		135	124		11	124	SPRT	302	85
083D0198	OLWR WAYNE BUSH #1		-90.34492	33.68478	133	SW/NE/NW/SW	18	21N	1W		133	120		13	120	SPRT		
083E0091	SMITH, HAROLD		-90.16	33.6983	137	NE/NW/SE	11	21N	1E	NO DLOG	137	115	Y	22	115	SPRT	115	55
083E0094	OLWR BELK #1		-90.23219	33.67847	135	IR/IR	18	21N	1E		135	108		27	108	SPRT	113	100
083E0098	OLWR WILDWOOD #1		-90.21028	33.65	136	SE/NW/SE/SE	29	21N	1E		136	126		10	126	SPRT	210	25
083E0111	BACKWATER BREAK HUNTING CLUB		-90.13778	33.66611	135	SE/SE/NE/SE	24	21N	1E		135	121		14	121	ZILF	178	16
083F0158	OLWR TACKETT FARMS		-90.42694	33.57639	125	NE/SE/SW	29	20N	2W		125	184		-59	184	SPRT	184	28
083F0164	WALKER, JOE		-90.4327	33.5882	115	NW/NE/SW/NW	20	20N	2W		115	148		-33	148	SPRT	157	105
083F0183	OLWR TACKETT FARMS #2		-90.4492	33.5839	126	NE/SW/NW/SW	19	20N	2W	ELEV IS A PROBLEM. LOG HEADER HAS 142 FEET, TOPO IS ABOUT 116 FEET. FISH PONDS NOW, SO ADDED 10 FEET TO TOPO ELEVATION TO ARRIVE AT WELL ELEVATION.	126	148		-22	148	SPRT	165	90
083F0184	OLWR TACKETT FARMS #3		-90.4181	33.5561	131	NE/NE/NE/SW	32	20N	2W		131	104		27	104	SPRT	124	70
083F0192	PRESTAGE, BO		-90.40056	33.56389	121	SW/SW/SW/SW	27	20N	2W		121	140		-19	140	SPRT	150	30
083F0193	OLWR TACKETT FARMS #4		-90.42583	33.59306	118	SW/NW/NW/NE	20	20N	2W		118	91		27	91	SPRT	130	105
083F0194	TACKETT FISHERIES		-90.3756	33.5569	122	SE/SE/SE/NW	35	20N	2W		122	110		12	110	SPRT	124	80

LEFLORE COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
083A0062	INTERBEDDED SAND & CLAY	56					136	-11	546	-421	617	-492	640	-515	1004	-879
083B0025	CLAY	10					160	-20	314	-174	376	-236	386	-246	784	-644
083B0029	SANDY CLAY	10					134	-16	328	-210	396	-278	413	-295		
083B0044	CLAY	83					120	18	324	-186	386	-248	398	-260	789	-651
083B0112	SANDY CLAY	88					120	20	318	-178	387	-247	398	-258	817	-677
083C0011	SILTY SANDY CLAY & SAND BEDS	182					130	0	380	-250	460	-330	479	-349	956	-826
083C0101	NO SEPARATION	0					141	-19	495	-373	549	-427	561	-439	1031	-909
083C0114	SILTY CLAY & SAND	22					108	10	454	-336	570	-452	584	-466	1054	-936
083C0133	SILTY CLAY	8					142	-17	480	-355	548	-423	572	-447		
083C0184	NONE	0					141	-16	497	-372	602	-477	622	-497	1039	-914
083D0002	CLAY WITH A FEW SAND BEDS	172					130	5	404	-269	466	-331	481	-346	940	-805
083D0013	SANDY CLAY	16					118	19	350	-213	406	-269	421	-284		
083D0035	SILTY SANDY CLAY	178					124	11	394	-259	457	-322	472	-337	939	-804
083D0198							120	13								
083E0091	NO SEPARATION	0					115	22	186	-49	244	-107	257	-120	634	-497
083E0094	CLAY	5					108	27	233	-98	282	-147				
083E0098	SANDY CLAY	84					126	10	242	-106	279	-143				
083E0111	ZILPHA CLAY	43							121	14	178	-43	194	-59	570	-435
083F0158	NONE	0					184	-59								
083F0164	CLAY	9					148	-33								
083F0183	INTERBEDDED SAND & CLAY	17					148	-22								
083F0184	CLAY	20					104	27								
083F0192	CLAY	10					140	-19								
083F0193	INTERBEDDED THIN SANDS AND CLAY	39					91	27								
083F0194	SANDY CLAY	14					110	12							1173	-1051

LEFLORE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
083F0195	OLWR TACKETT FARMS #5		-90.45167	33.56444	115	SW/SW/SW/SW	30	20N	2W	APPEARS TO BE SAND ON SAND AT CONTACT BETWEEN MRVA AND SPRT BUT HOLE IS NOT DEEP ENOUGH TO EVALUATE SPRT SAND THICKNESS.	115	176		-61	176	SPRT			083F0195							176	-61								
083F0196	DODD, SKIPPER		-90.43139	33.56333	117	NE/NE/NW/NE	32	20N	2W		117	141		-24	141	SPRT	155	80	083F0196	SILTY CLAY WITH INTERBEDDED SANDS	14					141	-24								
083F0197	OLWR SCOTT #2		-90.39861	33.56083	119	SW/NW/NW	34	20N	2W		119	145		-26	145	SPRT	150	125	083F0197	SANDY CLAY	5					145	-26								
083F0198	OLWR TACKETT FARMS #6		-90.42278	33.60361	123	NE/SW/NE	17	20N	2W		123	152		-29	152	SPRT	165	65	083F0198	SANDY CLAY	13					152	-29								
083F0199	OLWR TACKETT FARMS #7		-90.42306	33.61583	124	SE/SW/NE	8	20N	2W		124	150		-26	150	SPRT	180	50	083F0199	15 FT SAND BED AND 15 FT CLAY BED	30					150	-26								
083F0226	OLWR DAVID BRANHAM		-90.37083	33.56333	123	SW/SE	26	20N	2W		123	140		-17	140	SPRT	158	60	083F0226	SAND AND SANDY, SILTY CLAY	18					140	-17								
083F0230	OLWR F-703		-90.4358	33.6344	130	NE/NE/NE	6	20N	2W		130	148		-18	148	SPRT	233	30	083F0230	INTERBEDDED SAND & CLAY	85					148	-18								
083G0101	FOUR FIFTHS PLANTATION		-90.2722	33.5972	135	NW/NE/SW	14	20N	1W		135	146	Y	-11	146	SPRT	206	45	083G0101	30 FT SANDY CLAY AND 30 FEET SAND	60					146	-11	298	-163	365	-230	386	-251	875	-740
083G0115	OLWR NEW HOPE FARMS #1		-90.34067	33.60964	130	SW/SE/NE/SW	7	20N	1W		130	140		-10	140	SPRT			083G0115							140	-10								
083G0165	OLWR TERTIARY #2		-90.3015	33.56944	135	NW/SE/NW/SE	16	20N	1W	GEOLOGIST ON SITE PICKED BASE OF GRAVEL AT 145 FEET. THIS COINCIDES WITH BREAK ON GF CURVE AND BREAKS ON 16" AND 32" RES CURVES	135	145		-10	145	SPRT			083G0165	NONE	0					145	-10								
083H0077	BERNANDER, DOROTHY		-90.2086	33.6322	132	NE/NE/NE	5	20N	1E	LOG CHARACTER AND DRILLER'S DESCRIPTION COULD INDICATE THAT THE INTERVAL FROM 126-200FEET IS AN EARLIER CYCLE OF MRVA DEPOSITION. AT THIS TIME I AM INTERPRETING THAT INTERVAL AS SPARTA.	132	126		6	126	SPRT	148	55	083H0077	INTERBEDDED SAND & CLAY	22					126	6	234	-102	274	-142	304	-172	717	-585
083H0080	SMITH, RALPH GUY		-90.1761	33.5503	124	NW/SE/SE	34	20N	1E	DLOG STATES "GUMBO 0-9, SAND 9-115, SAND & CLAY 115-145, SAND 145-170, SHALE 170-271, SAND 271-321 FEET."	124	102	Y	22	102	SPRT	104	80	083H0080	CLAY	2					102	22	185	-61	250	-126	266	-142		
083H0158	JACKSON, A J		-90.1492	33.6286	130	SW/NW	1	20N	1E		130	130	Y	0	130	SPRT	207	60	083H0158	CLAY WITH SOME BEDS OF SAND	77					130	0	142	-12	207	-77	225	-95		
083H0159	C AND S DRILLING		-90.107	33.5949	130	SE/NE/NW/SE	17	20N	2E		130	107	Y	23	107	ZILF	161	65	083H0159	CLAY	54							107	23	161	-31	180	-50	598	-468
083H0178	LEE & SAM ABRAHAM TH #1 WELL #1		-90.18178	33.55333	127	SW/SE/SE/NW	34	20N	1E		127	79	Y	48	79	SPRT	82	90	083H0178	ABOUT 3 FT OF CLAY BETWEEN MRVA BASE & SPRT	3					79	48	169	-42	237	-110	251	-124	652	-525
083J0018	EDWARDS, T L		-90.4239	33.5033	113	NW/NE	20	19N	2W	DLOGS OF NEARBY WELLS SUPPORT BASE OF MRVA PICKED AT THIS DEPTH.	113	106	Y	7	106	SPRT	110	140	083J0018	CLAY	4					106	7	552	-439	635	-522	660	-547	1178	-1065

LEFLORE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
083J0020	BERCLAIR, TOWN OF		-90.3656	33.4719	125	NW/SW/NW	36	19N	2W	TWO LOGGING RUNS IN THIS BOREHOLE. NO LOG BETWEEN 559 TO 694 FEET.	125	118		7	118	SPRT	234	55	083J0020	INTERBEDDED SAND & CLAY (UPPER 50'), CLAY IN LOWER	116					118	7	472	-347	550	-425			1065	-940
083J0021	SMITH, C Y		-90.4297	33.4969	110	NW/NE/SW	20	19N	2W		110	92		18	92	SPRT	120	150	083J0021	SANDY CLAY	28					92	18								
083J0042	BENNETT, J A		-90.38472	33.46722	119	NE/SE	34	19N	2W	LOG RUN THROUGH CASING TO 693 FEET. GR IN UPPER PART OF HOLE, SP & RES ALSO IN UNCASED INTERVAL.	119	142	Y	-23	142	SPRT	183	53	083J0042	SANDY CLAY	41					142	-23			622	-503	642	-523	1144	-1025
083J0073	SCOTT FISH FARMS		-90.3975	33.5281	120	NW/NW/SW	10	19N	2W		120								083J0073									530	-410	597	-477	626	-506	1134	-1014
083J0120	AMERICAS CATCH INC	15113	-90.395	33.53861	116	NE/SW	3	19N	2W	GAP IN LOG FROM 530 - 600 FEET.	116	136		-20	136	SPRT	142	100	083J0120	CLAY	6					136	-20	526	-410					1130	-1014
083J0144	AMERICAS CATCH INC	16187	-90.395	33.5389	116	SW/SW/NE/SW	3	19N	2W		116	130		-14	130	SPRT	140	100	083J0144	SANDY CLAY	10					130	-14	527	-411	587	-471	616	-500	1121	-1005
083J0147	OLWR PENNEBAKER #1		-90.40889	33.46889	118	SW/SW/SW/NE	33	19N	2W		118	127		-5	127	SPRT	140	40	083J0147	SILTY CLAY	13					127	-5								
083J0202	AMERICAS CATCH INC		-90.39564	33.52888	119	SE/NW	10	19N	2W	KEY LOG. MUCH BETTER QUALITY THAN OTHERS IN AREA	119					SPRT			083J0202									532	-413	610	-491	636	-517	1145	-1026
083K0025	MISSISSIPPI VALLEY STATE UNIVERSITY	3857	-90.33806	33.5156	125	NW/NE	18	19N	1W		125	143		-18	143	SPRT	322	100	083K0025	INTERBEDDED SAND & PREDOM SANDY CLAY	179					143	-18	498	-373	552	-427	570	-445	1024	-889
083K0026	SAUNDERS, JOE G		-90.2903	33.4944	127	SW/NW/SW	22	19N	1W		127	123		4	123	SPRT	130	45	083K0026	CLAY	7					123	4	400	-273	472	-345	491	-364	942	-815
083K0039	STATE OF MISSISSIPPI FLOREWOOD RIVER PLANTATION		-90.2483	33.5267	135	SE/SE/NE	12	19N	1W		135	130	Y	5	130	SPRT	168	80	083K0039	SAND & SOME CLAY	38					130	5	284	-149	353	-218	382	-247	837	-702
083K0040	MISSISSIPPI VALLEY STATE UNIVERSITY	3856	-90.3442	33.5175	125	NE/NW/NW	18	19N	1W		125	148		-23	148	SPRT	272	100	083K0040	INTERBEDDED SAND & SANDY CLAY	124					148	-23	503	-378	560	-435	577	-452	1039	-914
083K0047	ITTA BENA, CITY OF	13787	-90.325	33.4972	123	SW/SW/SE/NW	20	19N	1W		123	170		-47	170	SPRT	175	25	083K0047	INTERBEDDED SAND & CLAY	5					170	-47	475	-352	551	-428	569	-446		
083K0057	GREEN, J D		-90.3147	33.5422	128	SE/NE	5	19N	1W		128	160	Y	-32	160	SPRT	190	130	083K0057	SILTY CLAY	30					160	-32	432	-304	491	-363	511	-383	990	-862
083K0088	HEARTLAND CATFISH COMPANY INC	15147	-90.29917	33.53083	127	SW/SW/NE/NE	9	19N	1W	FORMERLY T T & W FOOD PROCESSING. DLOG "CLAY 0-42, COARSE SAND 42-56, COARSE SAND AND PEA GRAVEL 56-150, SAND 150-245, SAND AND STREAKS OF CLAY 245-340, SAND 340-404 FEET."	127	164		-37	164	SPRT	336	60	083K0088	INTERBEDDED SAND & CLAY	172					164	-37	395	-268	458	-331	478	-351	950	-823
083K0092	LEFLORE COUNTY BOARD OF SUPERVISORS	15134	-90.28028	33.5283	129	NW/SE/NE	10	19N	1W		129	133		-4	133	SPRT	276	50	083K0092	MOSTLY SANDY CLAY WITH MINOR SAND BEDS	143					133	-4	340	-211	414	-285	437	-308	894	-765
083K0140	HEARTLAND CATFISH COMPANY INC	16618	-90.29944	33.53083	126	NE/NE	9	19N	1W		126	150		-24	150	SPRT	292	100	083K0140	VERY SANDY CLAY WITH MINOR INTERBEDDED SAND	142					150	-24	397	-271	461	-335	481	-355	928	-802
083K0142	PENNEBAKER #1		-90.33889	33.54528	126	NW/SE	6	19N	1W	NO DLOG	126	151		-25	151	SPRT	238	205	083K0142	SANDY CLAY WITH ABOUT 25 FT SAND BED	87					151	-25	440	-314	522	-396	548	-422	1003	-877

LEFLORE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
083K2000	STANFORD, JOHN		-90.2904	33.4723	126	SE/NE/NW	34	19N	1W		126	163	Y	-37	163	SPRT	200	160
083L0054	DELTA OIL MILL	2736	-90.20556	33.51694	129	NW/NW/NW/NW	16	19N	1E	FORMERLY EXPRESS GRAIN OIL MILL.	129	95		34	95	SPRT	122	92
083L0138	MONTJOY, C C AND SAM CERNIGLIA		-90.1027	33.502	135	NE/NE	20	19N	2E	APPARENTLY TWO CYCLES OF MRVA DEPOSTION AT THIS LOCATION.	135	164		-29	164	ZILF	201	110
083L0145	YOUNG, GEORGE B		-90.1153	33.5085	134	NE/NW/SW	17	19N	2E		134	160	Y	-26	160	ZILF	182	125
083L0252	GREENWOOD UTILITIES COMMISSION	8951	-90.1814	33.5094	125	NE/NE/SW	15	19N	1E	POOR QUALITY LOG.	125	94	Y	31	94	SPRT	94	130
083L0257	GREENWOOD UTILITIES COMMISSION	8943	-90.2064	33.4944	125	NW/NW/SW	21	19N	1E		125	108		17	108	SPRT	128	100
083L0268	USACOE		-90.2233	33.4875	125	NW/NW/NW	29	19N	1E		125	141		-16	141	SPRT	141	140
083L0300	PENSACOLA CONSTRUCTION COMPANY		-90.2369	33.5303	136	SW/NE/NW	7	19N	1E		136	149	Y	-13	149	SPRT	174	100
083L0301	USACOE		-90.2064	33.4594	125	SW/SW/SW	33	19N	1E		125	114		11	114	SPRT		
083L0303	GREENWOOD, CITY OF TH #1 FOR PW #3		-90.17361	33.54194	130	SE/NE/SE/NE	3	19N	1E		130	100		30	100	SPRT	146	50
083M0015	MANGUM, JOHN		-90.3842	33.3978	120	SE/SE/NE	27	18N	2W		120	133	Y	-13	133	SPRT	136	100
083M0017	MORGAN CITY WATER ASSOCIATION	2908	-90.3514	33.38	121	NE/SE	36	18N	2W		121	143		-22	143	SPRT	356	100
083M0066	MORGAN CITY WATER ASSOCIATION	5306	-90.3517	33.3786	122	SW/NE/SE	36	18N	2W		122	142		-20	142	SPRT	369	75
083M0120	MORGAN JR, FITZ		-90.4079	33.3747	115	SW/SW/SE	33	18N	2W	NO DLOG.	115	118		-3	118	CKMN	140	100
083M0701	MDEQ-OLW - TH#LE-M701		-90.4392	33.4514	122	SW/SW/NE/SE	6	18N	2W	NO DLOG.	122	148	Y	-26	148	SPRT	152	90
083N0045	HODGES, L C		-90.3116	33.3853	120	SW/NW/NW	33	18N	1W		120	138	Y	-18	138	SPRT	156	240
083N0057	PHILLIPSTON WATER ASSOCIATION INC	8608	-90.2622	33.3975	125	SW/SE/NE	26	18N	1W	LOG IS GOOD BUT OLWR COPY IS VERY FADED AND CURVES ARE FAINT.	125	142	Y	-17	142	SPRT	196	150
083O0019	MYERS, CHARLES		-90.195	33.3725	122	NW/NE/NE	4	17N	1E		122	96		26	96	SPRT	222	55
083O0075	OLWR MILLER-SIDON TERTIARY #1		-90.2025	33.40667	125	NW/NE/SE/SW	21	18N	1E		125	126		-1	126	SPRT	126	110
083O0099	SIDON, TOWN OF	3014	-90.2072	33.4067	123	NE/NW/SW	21	18N	1E		123	130		-7	130	SPRT	154	140
083P0003	PEEBLES, SID		-90.4131	33.3739	105	NW/NE/NW	4	17N	2W	CASED TO 753 FEET.	105							
083P0017	PUGH CITY GROCERY		90.43081	33.30069	115	SW/NW/NE/NW	32	17N	2W		115	113		2	113	CCKF	142	45
083P0080	COKER, CHARLES		-90.32389	33.31444	110	NE/NE/NW	29	17N	1W		110	105		5	105	SPRT	380	90
083P0107	ALLEN CORPORATION		-90.3497	33.3442	113	NW/NE/NE/NE	13	17N	2W	DEPTH SCALE ON 1 INCH COPY OF LOG IS DIFFICULT TO READ.	113	122		-9	122	SPRT	175	120
083P0194	VALLEY FORGE PLANTATION		-90.33889	33.37194	120	NW/SW/NW/NE	6	17N	1W	NO DLOG.	120	130		-10	130	SPRT	165	55

LEFLORE COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
083K2000	INTERBEDDED SAND & CLAY	37					163	-37	433	-307	502	-376	531	-405	975	-849
083L0054	CLAY	27					95	34	249	-120	318	-189	338	-209	742	-613
083L0138	SILTY CLAY	37							164	-29	201	-66	224	-89	594	-459
083L0145	CLAY	22							160	-26	182	-48	200	-66		
083L0252	NO SEPARATION	0					94	31	229	-104	284	-159	306	-181	704	-579
083L0257	SAND INTERBEDDED IN CLAY	20					108	17	262	-137	335	-210	360	-235	783	-658
083L0268	NO SEPARATION	0					141	-16	319	-194	365	-240	390	-265		
083L0300	SAND & CLAY	25					149	-13	284	-148	364	-228	387	-251		
083L0301							114	11								
083L0303	SANDY CLAY	46					100	30	199	-69	262	-132	282	-152	686	-556
083M0015	CLAY	3					133	-13	621	-501	700	-580	714	-594		
083M0017	INTERBEDDED SAND & CLAY	213					143	-22	562	-441	667	-546	680	-559	1170	-1049
083M0066	SANDY CLAY & INTERBEDDED SAND	227					142	-20	564	-442	668	-546	684	-562	1182	-1060
083M0120	SANDY CLAY	22			118	-3	140	-25	650	-535	764	-649	780	-665	1276	-1161
083M0701	CLAY	4					148	-26								
083N0045	SANDY CLAY	18					138	-18								
083N0057	SAND & CLAY	54					142	-17	472	-347	547	-422	570	-445		
083O0019	INTERBEDDED SAND & CLAY	126					96	26	337	-215	444	-322	466	-344		
083O0075	NONE	0					126	-1								
083O0099	SANDY CLAY	24					130	-7	358	-235	446	-323	474	-351	904	-781
083P0003											782	-677	796	-691	1270	-1165
083P0017	SANDY CLAY	31	113	2												
083P0080	SAND AND CLAY	275					105	5	582	-472	705	-595	719	-609	1180	-1070
083P0107	INTERBEDDED SAND & CLAY	53					122	-9	578	-465	694	-581	710	-597	1190	-1077
083P0194	25 FT SANDY CLAY AND 10 FT SAND BED	35					130	-10	516	-396						

PANOLA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
107A0004	ASL WATER ASSOCIATION INC	14065	-90.1286	34.5156	359	NE/SE	34	6S	9W		359							
107A0024	SCHLEY, FRANCES		-90.1736	34.5128	300	SE/SW	32	6S	9W		300							
107E0009	JENKINS EGG FARM		-90.19	34.4392	165	SE/SE/SW	30	7N	9W		165	144	Y	21	144	SPRT	151	45
107F0020	NORTH PANOLA WATER DISTRICT	15442	-90.0042	34.4961	348	SE/SE/SE/SE	2	7S	8W	CHARACTER OF SP & RES IS POOR IN UPPER 300 FEET OF BOREHOLE. GR IS OK.	348							
107K0005	SOUTH LAKE WATER ASSOCIATION	2797	-90.1806	34.3939	166	SE/SE/SE	7	8S	9W		166	162		4	162	SPRT	335	35
107L0033	CONCORD MACEDONIA WATER ASSOCIATION	2105	-90.0169	34.3508	309	SE/SW	26	8S	8W		309							
107L0034	CONCORD MACEDONIA WATER ASSOCIATION	15737	-90.0158	34.3464	312	NE/NW/SE/NW	35	8S	8W		312							
107P0023	ENON, LOCKE STATION-CURTIS WATER ASSOCIATION INC		-90.11556	34.28417	170	NE/SE/SW	23	9S	9W		170	127		43	127	SPRT	132	75
107P0024	ENON, LOCKE STATION-CURTIS WATER ASSOCIATION INC	7924	-90.1014	34.2883	172	NW/NE/SW	24	9S	9W		172	105		67	105	SPRT	136	32
107P0025	ENON, LOCKE STATION-CURTIS WATER ASSOCIATION INC	7923	-90.1017	34.2881	171	NE/NE/SW	24	9S	9W		171	120		51	120	SPRT	126	45
107P0033	ENON, LOCKE STATION-CURTIS WATER ASSOCIATION INC	15299	-90.0989	34.2878	172	SE/NE/NE/SW	24	9S	9W		172	84		88	84	SPRT	107	40
107U0097	OFFICE OF LAND AND WATER RESOURCES		-90.0633	34.2244	231	IR/SE/SW	8	10S	8W		231							

PANOLA COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
107A0004					500	-141	554	-195	580	-221	810	-451
107A0024			94	206	504	-204	540	-240	558	-258	789	-489
107E0009	SANDY CLAY	7	144	21	368	-203	410	-245	434	-269	656	-491
107F0020					352	-4	410	-62	442	-94	685	-337
107K0005	CLAY WITH MINOR SAND	173	162	4	302	-136	335	-169	362	-196	650	-484
107L0033			66	243	240	69	302	7	316	-7	556	-247
107L0034			90	222	242	70	293	19	308	4	548	-236
107P0023	CLAY	5	127	43	206	-36	251	-81	268	-98	513	-343
107P0024	INTERBEDDED SAND AND CLAY	31	105	67	180	-8	232	-60	255	-83	510	-338
107P0025	SANDY CLAY	6	120	51	180	-9	232	-61	259	-88	514	-343
107P0033	SANDY CLAY	23	84	88	183	-11	225	-53	234	-62	520	-348
107U0097					207	24	255	-24	265	-34	515	-284

QUITMAN COUNTY

QUITMAN COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
119A0013	NORFLEET UTILITIES ASSOCIATION	2923	-90.2306	34.4892	171	NW/SW	11	7S	10W	ELOG REBASED AT 170 FEET. VERY POOR CHARACTER FROM 0 - 170 FEET. CAN'T PICK MRVA. DLOG STATES "CLAY 0-25, SAND & GRAVEL 25-150, BLUE CLAY 150-175, SAND 175 - 277 FEET"	171		Y			SPRT			119A0013					438	-267	492	-321	520	-349	791	-620
119A0014	WADLINGTON, C W		-90.2719	34.4417	155	NE/SW/SE	29	7S	10W	DLOG HAS WELL IN S21. BASE OF MRVA CAN'T BE PICKED RELIABLY FROM ELOG OR DLOG.	155	104	Y	51	104	SPRT	150	70	119A0014	SAND WITH MINOR CLAY	46	104	51	458	-303	509	-354	550	-395	803	-648
119A0015	SLEDGE, TOWN OF	2214	-90.2197	34.4322	165	SW/NE	35	7S	10W	CHARACTER OF ELOG ABOVE 150 FEET IS FEATURELESS. CAN'T MAKE DECENT MRVA PICK.	165		Y			SPRT			119A0015					364	-199	437	-272	457	-292	750	-585
119A0023	KENTUCKY-TENNESSEE CLAY CO		-90.2008	34.4544	170	SE/SE/SW/SE	24	7S	10W	CASING SET TO 160 FEET. DLOG LOCATION IS IN S25. SKETCH ON WELL SCHEDULE APPEARS TO AGREE WITH LOG HEADER LOCATION TO PLACE WELL IN S24.	170					SPRT			119A0023					342	-172	390	-220	413	-243	670	-500
119A0062	BIRDIE WATER ASSOCIATION INC	2503	-90.2797	34.4311	171	NE/SW	32	7S	10W	DLOG STATES "CLAY 0-26, SAND AND GRAVEL 26-120 FEET"	171	120		51	120	SPRT	134	90	119A0062	CLAY	14	120	51	442	-271	519	-348	555	-384	800	-629
119A0067	SLEDGE, TOWN OF	15288	-90.2253	34.4306	168	NE/SW	35	7S	10W	GR LOG-LOG CHARACTER IS NOT GOOD ENOUGH TO MAKE RELIABLE PICKS.	168					SPRT			119A0067												
119A0800	TIPPERARY OIL AND GAS CORP.		-90.2829	34.4867	171	NW/SW	8	7S	10W	OIL TEST. POOR QUALITY LOG, VERY HARD TO USE.	196	142		54	142	SPRT	260	70	119A0800	INTERBEDDED SAND & CLAY (APPROX 40% SAND)	118	142	54	508	-312	536	-340	575	-379	829	-633
119B0005	JACKSON, JAMES O		-90.2931	34.3583	165	SW/SW/NW	27	29N	1W	ELOG IS OF VERY POOR QUALITY IN UPPER 300 FEET OF BOREHOLE. SLIGHT SHIFT OF RES CURVE AT ABOUT 84 FEET. BASE OF MRVA AND INFO ON TERTIARY SAND IS QUESTIONABLE. DLOG: "CLAY AND SAND 0-42, GRAVEL, 42-84, CLAY 84 -105, CLAY AND SAND 105-189 FEET."	165		Y			SPRT			119B0005					417	-252	468	-303	500	-335	825	-660
119C0020	HENRY, I L		-90.2654	34.353	163	SW/SW	28	8S	10W	BASE OF MRVA ASSUMED AT 123 FEET FROM DLOG AND ELOG. DRILLER PROBABLY CARRIED GRAVEL FROM UP ABOVE TO 154 FEET. BASE OF SPRT AND TOP OF MERIDIAN CORRELATE WELL WITH C24, WINONA PICK IS INDISTINCT BUT PICKED ON BASIS OF CORRELATION WITH C24. DLOG:"CLAY, SAND AND GRAVEL 0-62, SAND & GRAVEL 62-93, GRAVEL 93-123, SAND AND GRAVEL 123-154, SAND 154 - 245 FEET"	163	123	Y	40	123	SPRT	123	75	119C0020	NO SEPARATION	0	123	40	377	-214	437	-274	465	-302	778	-615
119C0024	FALCON, TOWN OF	12888	-90.2581	34.3933	163	NW/NE	16	8S	10W	CASED TO 179 FT. ELOG IS EXCELLENT FOR TERTIARY PICKS. MADE EXCEPTION AND PICKED BASE OF MRVA AND TOP OF TERTIARY SAND FROM DLOG INFO AND ELOGS OF NEARBY WELLS. DLOG:"CLAY 0-30, COARSE SAND 30-50, COARSE SAND AND GRAVEL 50-121, WHITE SAND AND CLAY STREAKS 121-248 FEET"	163	121	Y	42	121	SPRT	121	107	119C0024	NO SEPARATION	0	121	42	411	-248	464	-301	490	-327	810	-647

QUITMAN COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
119C0025	PERKINS SOFT WATER SERVICE		-90.2782	34.3588	165	NE/NE/SW	29	8S	10W	DLOG: "GUMBO 0-16, SAND & GRAVEL 16-110, GUMBO 110-115, SAND 115-261 FEET" ELOG MAY HAVE BEEN REBASED ABOVE 280 FT. SLIGHT SHIFT OF CURVES IN ELOG CORRESPONDS TO DLOG AT 110 FT. BETTER RESPONSE DEEPER. TYPICAL WATER WELL ELOG OF THE TIME. VERY GOOD BASE OF SPRT AND DISTINCT MERIDIAN. WINONA IS NONDESCRIPT AND WAS PICKED BY CORRELATION WITH C24.	165	110	Y	55	110	SPRT	117	90	119C0025	SILTY CLAY	7	110	55	412	-247	464	-299	498	-333	807	-642
119C0026	DARLING WATER ASSOCIATION	12749	-90.2736	34.3589	163	SW/NE	29	8S	10W	CASED TO 170 FEET.	163		Y			SPRT			119C0026					400	-237	458	-295	474	-311	782	-619
119C0027	JONES, ALBERT		-90.2349	34.3312	160	NE/NE/SE	3	9S	10W	NO DLOG OR WELL SCHEDULE. REMARKS ON LOG HEADER REFER TO A FAILED ATTEMPT TO MAKE A WELL AT 609 FET WHICH CAUSED THE DRILLER TO GO DEEPER (TD 1490 FEET). DLOGS OF NEARBY WELLS CORRESPOND TO CHARACTER DISPLAYED ON THIS ELOG.	160	114	Y	46	114	SPRT	132	40	119C0027	SANDY CLAY	18	114	46	344	-184	397	-237	430	-270	738	-578
119C0030	STAR, NED		-90.2225	34.4227	165	NW/NW/NE	2	8S	10W	ELOG COPY IS VERY BADLY FADED AND CURVES ARE FAINT AND DIFFICULT TO SEE IN SOME INTERVALS. CORRELATES WITH LOG OF NEARBY WELL A0062.	165	127		38	127	SPRT	127	120	119C0030	NO SEPARATION	0	127	38	384	-219	461	-296	491	-326	755	-590
119C0039	MCARTHUR, L A		-90.2916	34.3628	160	NE/SW/NE	30	8S	10W	DLOG NOT HELPFUL	160	116		44	116	SPRT	118	130	119C0039	CLAY	2	116	44	409	-249	468	-308	500	-340	815	-655
119C0057	FALCON, TOWN OF	12887	-90.2556	34.3944	165	NE/NW/NE	16	8S	10W	DLOG NOT HELPFUL. CASED TO 145 FEET.	165								119C0057					404	-239	460	-295	496	-331	812	-647
119D0012	PRODUCERS GIN		-90.3601	34.2517	165	SE/NW/SW	36	28N	2W	NO DLOG. RES CURVES IN UPPER 350 FEET OF LOG OFF SCALE AND NOT RECORDED.	165	133	Y	32	133	SPRT	140	180	119D0012	CLAY	7	133	32	505	-340	560	-395	586	-421		
119E0028	COLLINS, W G		-90.3289	34.2527	160	NW/SW	32	28N	1W	NO DLOG. ELOG IS OF POOR QUALITY. CONSIDERING THE VINTAGE OF THE LOG IT IS OK.	160	100	Y	60	100	SPRT	108	160	119E0028	SILTY CLAY	8	100	60	460	-300	508	-348	530	-370		
119E0031	BIG FIELD WATER ASSOCIATION	1983	-90.2942	34.2619	162	NE/NE	33	28N	1W	ANOTHER POOR QUALITY ELOG.	162	121		41	121	SPRT	125	115	119E0031	SANDY CLAY	4	121	41	436	-274	488	-326	516	-354	804	-642
119E0032	MARKS, CITY OF	3080	-90.2717	34.255	163	SW/SE/NW	35	28N	1W	POOR ELOG QUALITY PARTICULARLY IN UPPER 200 FEET.	163	112	Y	51	112	SPRT	113	60	119E0032	CLAY	1	112	51	370	-207	427	-264	448	-285	740	-577
119E0034	MARKS, CITY OF	3081	-90.2678	34.2597	161	NW/NE	35	28N	1W	ANOTHER POOR QUALITY WATER WELL ELOG. SLIGHT CHANGE IN LOG CHARACTER BELOW ABOUT 140 FEET. DLOG: "CLAY 0-57, SAND AND GRAVEL 57-145, SAND 145-187, SAND AND SHALE 187-267 FEET."	161	137	Y	24	137	SPRT	148	40	119E0034	CLAY	11	137	24	364	-203	433	-272	454	-293	736	-575

QUITMAN COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
119E0037	BUNGE CORPORATION	2261	-90.2725	34.2522	155	SE/NW/SW	35	28N	1W	FORMERLY RIVERSIDE OIL MILL. ELOG QUALITY POOR. SP HAS LITTLE CHARACTER. RES IS TOO SPIKY. DLOG: " CLAY 0-13, ROCK 13-15, BROWN SANDY CLAY 15-22, FINE SAND 22-31, COARSE SAND 31-58, COARSE SAND AND PEA GRAVEL 58-71, COARSE SAND AND GRAVEL 71-131, SAND 131-191, CLAY 191-273 FEET"	155	138		17	138	SPRT	138	40	119E0037	NO SEPARATION	0	138	17	361	-206	418	-263	440	-285	742	-587
119G0027	GARST, JOHN S		-90.3819	34.2458	165	SE/NE/NE	3	27N	2W	VERY POOR QUALITY ELOG. IT HAS TO BE USED SINCE OTHERS ARE EVEN WORSE! BASE OF MRVA PICKED AT SHIFT OF SP AT ABOUT 124 FEET.	165	124	Y	41	124	SPRT	124	90	119G0027	NONE	0	124	41	504	-339	576	-411	604	-439		

119H0031	MARKS, TOWN OF		-90.2675	34.2415	160	SW/SW/NE	2	27N	1W	NO DLOG. NOTE ON WELL SCHEDULE STATES THAT NO WELL WILL LIKELY BE COMPLETED IN THIS BOREHOLE. NO PERMITTED WELLS AT THIS SITE. POOR QUALITY ELOG. BASE OF MRVA PICKED ON SLIGHT DEFLECTION OF SP AND RES CURVES AT ABOUT 124 FEET.	160	124	Y	36	124	SPRT	136	45	119H0031	CLAY	12	124	36	350	-190	430	-270	461	-301	759	-599
119H0036	LAMBERT, TOWN OF	3231	-90.2833	34.2003	160	SW/NE	22	27N	1W	POOR QUALITY ELOG. BASE OF MRVA PICKED ON SLIGHT DEFLECTION OF SP AND RES AT ABOUT 148 FEET.	160	148	Y	12	148	SPRT	148	65	119H0036	NO SEPARATION	0	148	12	400	-240	440	-280	472	-312	780	-620
119H0042	LAMBERT, TOWN OF	3232	-90.285	34.1989	152	SW/NE	22	27N	1W	ELOG REBASED ABOVE 320 FEET.	152	142		10	142	SPRT	142	65	119H0042	NO SEPARATION	0	142	10	404	-252	443	-291	472	-320	790	-638
119J0058	CROWDER, TOWN OF	15550	-90.1356	34.1719	160	NE/SE/NE/NE	36	27N	1E	FAIRLY GOOD ELOG. LIGNITE IN MRVA IS REWORKED FROM SPRT.	160	117		43	117	SPRT	138	40	119J0058	CLAY WITH SAND STREAKS	21	117	43	178	-18	226	-66	241	-81	564	-404
119K0045	BECKER, OLIN		-90.4297	34.0867	152	SE/NE/NW/NW	32	26N	2W	FAIR QUALITY ELOG. DLOG: "CLAY 0-20, SAND 20-80, SAND AND GRAVEL 80-110, SAND AND STREAKS OF CLAY 110-280 FEET."	152	106		46	106	SPRT	109	150	119K0045	SANDY CLAY	3	106	46	597	-445	648	-496	668	-516		
119L0053	OKEEFE WILDLIFE MANAGEMENT AREA HEADQUARTERS		-90.2736	34.1161	150	NE/NE/NW/NW	23	26N	1W	NO DLOG. NO IDENTIFIABLE PERMIT. NO MENTION OF CASING ON WELL SCHEDULE. APPARENTLY A TEST HOLE. ELOG QUALITY IS OK.	150	109		41	109	SPRT	128	50	119L0053	SANDY CLAY	19	109	41	360	-210	400	-250	418	-268	748	-598
119L0088	SOUTH QUITMAN WATER UTILITIES WELL #1		-90.32997	34.1605	157	NE/NE/NE/NE	6	26N	1W	STEEL CASING SET TO 137 FEET. CAN'T PICK MRVA OR UPPERMOST TERTIARY, USING GR LOG.	157								119L0088					494	-337	514	-357	535	-378	857	-700

SHARKEY COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125A0031	SIGLER, JIM		-90.800796	33.073007	102	NE/NW/SE	10	14N	6W		102	144	Y	-42	144	CCKF	144	40	125A0031	NONE	0			144	-42	316	-214	473	-371								
125A0034	CASSELLI, R P		-90.851347	33.023139	112	SW/SE/SE	30	14N	6W		112	130		-18	130	CCKF	130	40	125A0034	NONE	0			130	-18	328	-216	492	-380								
125A0053	MAHALITC, A G		-90.910335	33.033035	106	SE/SW/NW	27	14N	7W	NO WELL SCHEDULE.	106	125		-19	125	CCKF	160	120	125A0053	SANDY CLAY AND SAND, ABOUT 50/50	35			125	-19	360	-254	511	-405								
125A0058	PATTON, PAT		-90.848495	33.023163	110	SE/SE/SE/SE	30	14N	6W	BASE OF MRVA PICKED FROM CHANGE IN LOG CHARACTER AND DLOG.	110	160		-50	160	CCKF	168	55	125A0058	SANDY CLAY	8			160	-50	320	-210	482	-372								
125A0116	DELTA CITY UTILITY DISTRICT	15790	-90.79667	33.07361	106	NE/SE	10	14N	6W	CASING APPEARS TO HAVE BEEN SET TO ABOUT 170 FEET. CAN'T MAKE ANY JUDGEMENT ABOUT MRVA.	106								125A0116							294	-188	486	-380	1050	-944	1233	-1127	1256	-1150	1489	-1383
125A0243	HILL AND PRICE		-90.84238	33.012408	111	SW/NE/SW	32	14N	6W	NO DLOG. THIS WELL IS IDENTIFIED AS A0075 BY USGS WELL SCHEDULE. THERE IS A DLOG FOR A0075 IN OUR FILES BUT IT IS FOR ANOTHER WELL.	111	151	Y	-40	151	CCKF	151	50	125A0243	NONE	0			145	-34	335	-224										
125A0502	WALKER-BRACKEN-HINES & JEFFREYS MCGEE #1		-90.866407	33.050518	108	NE/NE	24	14N	7W	OIL TEST. CASED TO 307 FEET.	116								125A0502									451	-335	1160	-1044	1335	-1219	1362	-1246	1570	-1454
125A0503	TIDEWATER ASSOCIATES OIL COMPANY PANTHER-BURN CO #2		-90.828975	33.075029	104	SW/SW/NW	9	14N	6W	OIL TEST.	109								125A0503											1080	-971	1267	-1158	1285	-1176	1500	-1391
125A0505	J K WADLEY ET AL J S DURST #1		-90.798871	33.021746	98	NE/NE	34	14N	6W	OIL TEST.	108								125A0505									440	-332	1126	-1018	1310	-1202	1325	-1217	1528	-1420
125B0017	TURNER, W J		-90.664754	33.06123	96	SW/SW/NE	13	14N	5W	LOG IS POOR QUALITY AND DOES NOT EXTEND DEEP ENOUGH TO BE SURE OF ALL PICKS. SLIGHT CHANGE IN LOG CHARACTER AT ABOUT 156 FEET MAY MARK BASE OF MRVA IN AGREEMENT WITH DLOG.	96	156	Y	-60	156	CCKF	156	68	125B0017	NONE	0			156	-60	298	-202	398	-302								
125B0018	PARISH, ALICE		-90.728003	33.066192	102	NE/NE/NE	17	14N	5W		102	130		-28	130	CCKF	142	50	125B0018	SANDY CLAY	12			130	-28	325	-223	488	-386								
125B0023	PEARCE, JOSEPH		-90.697711	33.037401	100	NE/NW/NE	27	14N	5W		100	156		-56	156	CCKF	461	110	125B0023	INTERBEDDED SAND (33%) AND CLAY	305			156	-56	310	-210	458	-358								
125B0500	CLYDE CREIGHTON KASTEL #1		-90.745232	33.016936	100	SE/NE	31	14N	5W	OIL TEST.	111								125B0500									490	-379	1072	-961	1238	-1127	1250	-1139	1432	-1321
125C0043	EWING, M C		-90.836259	32.977778	106	NE/NW	17	13N	6W		106	133		-27	133	CCKF	307	140	125C0043	100' OF CLAY WITH 72' OF INTERBEDDED SANDS	172			133	-27	474	-368	652	-546	1296	-1190						
125C0045	CARPENTER, HARRY		-90.878324	32.927997	104	NW/NW/SW	36	13N	7W		104	132		-28	132	CCKF	244	140	125C0045	ABOUT 82 FT OF CLAY INTERBEDDED WITH 30 FT SAND	112			132	-28	516	-412	666	-562								

SHARKEY COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125C0053	SHARKEY COUNTY FARM		-90.871912	32.935451	105	NE/NE/NW	36	13N	7W	TWO DLOGS FOR THIS WELL, NOT IDENTICAL.	105	125		-20	125	CCKF	352	95	125C0053	CLAY, SANDY CLAY, AND MINOR SAND BEDS	227			125	-20												
125C0054	LANG, JOHN		-90.835067	32.980308	105	SW/SW/SE	8	13N	6W		105	136		-31	136	CCKF	251	165	125C0054	SANDY CLAY WITH MINOR SANDS NEAR BASE OF INTERVAL	115			136	-31	472	-367	650	-545	1306	-1201						
125C0062	ROGERS, VIVIAN C		-90.879999	32.93174	105	NE/SE/NE	35	13N	7W	PICKS ON THIS LOG ARE OBVIOUS! GOOD QUALITY!	105	130		-25	130	CCKF	255	50	125C0062	INTERBEDDED SAND AND CLAY	125			130	-25	505	-400	700	-595								
125C0063	MARTIN, JACK L		-90.781918	32.982995	100	NE/SW/SE	11	13N	6W	HOLE CASED TO 283 FEET.	100					CCKF			125C0063							399	-299	555	-455							
125C0066	BAGGETT FARM		-90.788126	32.939514	100	NW/SE/SW	26	13N	6W	NO DLOG. COULD PICK BASE OF MRVA AT ABOUT 110 FEET BUT LOG CHARACTER OF LOWER SECTION IS SIMILAR TO THAT ABOVE AND NOTHING LIKE LOWER SANDS. APPEARS TO BE 2 CYCLES OF FLUVIAL DEPOSITION PRESERVED HERE.	100	148		-48	148	CCKF	148	25	125C0066	NONE	0			148	-48	440	-340	625	-525								
125C0067	HARRIS, ED		-90.914003	33.000326	105	NW/NW/NW/SW	3	13N	7W		105	140		-35	140	CCKF	245	130	125C0067	SANDY CLAY WITH MINOR BEDS OF SAND	105			140	-35	462	-357	668	-563							
125C0068	PERKINS, CHARLES		-90.775732	32.942422	98	NW/NW/SW	25	13N	6W		98	158		-60	158	CCKF	178	30	125C0068	SANDY CLAY	20			158	-60	419	-321	598	-500							
125C0069	HARRIS, SAM		-90.906673	33.000967	105	SE/SE/NW	3	13N	7W		105	134		-29	134	CCKF	220	225	125C0069	PROBABLY SANDY CLAY	86			134	-29	512	-407	660	-555							
125C0072	BROWN, RAYMOND		-90.783923	32.964509	105	NW/NW/NE	23	13N	6W		105	156		-51	156	CCKF	156	30	125C0072	NONE	0			156	-51	456	-351	604	-499	1230	-1125	1422	-1317	1437	-1332	1608	-1503
125C0119	ASSOCIATED PRODUCERS GIN		-90.87028	32.93778	103	NW/SW/SE	25	13N	7W	DLOG: "SURFACE DEPOSITS 0-30, SAND 30-80, SAND & GRAVEL 80-129, GRAY SHALE 129-326, SAND 326-390 FEET."	103	130		-27	130	CCKF	328	90	125C0119	SANDY CLAY	198			130	-27	489	-386	682	-579								
125C0126	GOLITZ, BOB		-90.85694	32.96833	105	NE/NW/SE/SW	18	13N	6W	DLOG: "TOP SOIL 0-6, CLAY 6-44, SAND & GRAVEL 44-142, CLAY 142-240, SAND 240-300."	105	134		-29	134	CCKF	239	55	125C0126	ABOUT 65' NET CLAY WITH 40' OF INTERBEDDED SANDS	105			134	-29	420	-315	653	-548								
125C0245	ASHLEY, RANDALL		-90.79771	32.96405	97	SW/NW/NE/NE	22	13N	6W	CAN'T FIND DLOG OR WELL SCHEDULE.	97	135		-38	135	CCKF	135	45	125C0245	NONE	0			135	-38	430	-333	614	-517								
125C0246	SPIVEY PROPERTY - PW #2		-90.88278	32.92639	106	NE/SW/NE/SE	35	13N	7W	NO DLOG	106	146		-40	146	CCKF	223	50	125C0246	INTERBEDDED SAND AND CLAY	77			146	-40	512	-406	670	-564								
125C0500	MANER GRAHAM CARPENTER-GRAFT #1		-90.863236	32.940947	108	SE/NE/SE	25	13N	7W	OIL TEST	111								125C0500									678	-567	1399	-1288	1550	-1439	1562	-1451	1734	-1623
125C0501	J K WADLEY CAMERON ESTATE #1		-90.826438	33.006241	104	NW/NW	4	13N	6W	OIL TEST	111								125C0501									519	-408	1220	-1109	1381	-1270	1395	-1284	1598	-1487
125C0502	HUNT OIL COMPANY A P CAMERON #1		-90.847379	32.996038	107	SE/SE	6	13N	6W	OIL TEST	116								125C0502											1248	-1132	1412	-1296	1426	-1310	1605	-1489
125C0507	MURPHY-SUN GREER #1		-90.808788	32.96337	103	NW/NW	22	13N	6W	OIL TEST	107	148		-41	148	CCKF	175	75	125C0507	SANDY CLAY AND MINOR SAND	27			148	-41	484	-377	634	-529	1278	-1171	1464	-1357	1485	-1378	1650	-1543

SHARKEY COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125C2000	LOVORN, BERNARD		-90.908777	32.947283	104	SW/NE/NW	27	13N	7W		104	138		-34	138	CCKF	138	70	125C2000	NONE	0			138	-34	460	-356	643	-539								
125D0008	JOHNSON, WILLIAM		-90.736872	32.995213	95	SW/SE/SW	5	13N	5W		95	138		-43	138	CCKF	174	115	125D0008	ABOUT 50/50 SAND AND CLAY	36			138	-43	470	-375	620	-525								
125D0026	TRUE LIGHT REDEVELOPMENT GROUP INC	13769	-90.734943	32.992823	98	NE/NW	8	13N	5W	LOG LACKS DETAIL. PROBLEM WITH LOCATION, USING PERMIT LOCATION.	98	129		-31	129	CCKF	205	50	125D0026	SANDY CLAY	76			139	-41	448	-350	610	-512								
125D0500	H K BOYSEN KEITH #1		-90.697203	32.98488	98	NW/SE	10	13N	5W	OIL TEST	107								125D0500									604	-497	1173	-1066	1370	-1263	1383	-1276	1584	-1477
125E0012	GRUNDFEST, JACK		-90.907137	32.838617	100	NW/SE/SW	34	12N	7W		100	170		-70	170	CCKF	194	125	125E0012	PROBABLY SANDY CLAY	24			170	-70	400	-300	618	-518								
125E0016	HARRIS, JAMES		-90.93318	32.892435	91	NW/NE/NE	17	12N	7W		91	123		-32	123	CCKF	208	44	125E0016	SAND AND CLAY IN THIN BEDS, MUCH SAND	85			123	-32	454	-363	682	-591								
125E0017	COUNCIL BEND PLANTATION		-90.893453	32.869613	102	NW/SW	23	12N	7W	TWO WELLS DRILLED ABOUT 300 FEET APART WITH 2 DRILLERS LOGS AND 2 ELOGS. USING #77 ELOG.	102	184		-82	184	CCKF	321	120	125E0017	INTERBEDDED SAND AND SANDY CLAY	137			184	-82	448	-346	660	-558							
125E0018	COUNCIL BEND PLANTATION		-90.893333	32.868611	100	SE/NW/SW	23	12N	7W	LOG QUALITY MAKES PICKING TOP OF TERTIARY SAND TOO QUESTIONABLE.	100	186		-86	186	CCKF			125E0018					186	-86	466	-366	674	-574								

125E0022	BACONIA PLANTATION		-90.878772	32.867685	100	NE/SE/SE	23	12N	7W	SAND FROM ABOUT 250-300 FEET BUT NOT AS WELL DEVELOPED IN THIS INTERVAL. THIS IS SAME SAND PICKED IN ADJACENT WELL E53.	100	215	Y	-115	215	CCKF	325	125	125E0022	CLAY, SANDY CLAY, SAND	110			215	-115	462	-362	612	-512								
125E0043	GRUNDEFEST, IKE		-90.905958	32.84798	100	NE/NW	34	12N	7W	INTERVAL BETWEEN 270 AND 328 FEET NOT LOGGED. CANNOT MAKE DETERMINATION OF SUBCROP SAND AND SEPARATION FROM MRVA.	100	190	Y	-90	190	CCKF			125E0043					190	-90	423	-323	620	-520								
125E0052	ROLLING FORK, CITY OF	13994	-90.88875	32.90444	104	NE/NW	11	12N	7W		104	146		-44	146	CCKF	185	210	125E0052	CLAY	39			146	-44	456	-352	644	-540								
125E0053	BACONIA PLANTATION		-90.878672	32.870492	105	SE/NE/NE/SE	23	12N	7W		105	212		-107	212	CCKF	340	120	125E0053	30' CLAY, 36' VERY SANDY CLAY, AND SAND	128			212	-107	463	-358	631	-526								
125E0500	P J GAY GRAFT #1		-90.875075	32.892645	100	NE/NW/NW	13	12N	7W	OIL TEST	100								125E0500							500	-400	654	-554	1405	-1305	1530	-1430	1548	-1448	1710	-1610
125E0501	J WILLIS HUGHES ET AL #1 HOUSTON ET AL		-90.948076	32.844817	98	SE/NE	31	12N	7W	OIL TEST	103								125E0501							476	-373	664	-561	1359	-1256	1500	-1397	1515	-1412	1673	-1570
125F0007	ALLIED GROWERS INC		-90.830028	32.902616	98	SE/NE	8	12N	6W	NOT A VERY GOOD LOG. CAN'T USE LOG FOR SUBCROP SAND AND SEPARATION FROM MRVA.	98	144	Y	-46	144	CCKF			125F0007					144	-46	489	-391	664	-566								
125F0500	MANER GRAHAM D B MOORE #1		-90.806129	32.907085	94	NW/NE/NW	10	12N	6W	OIL TEST	104								125F0500									680	-576	1390	-1286	1547	-1443	1560	-1456	1730	-1626
125G0011	CARY, TOWN OF		-90.931922	32.801752	103	SE/NE	17	11N	7W	CASING SET TO 205 FEET. GR CURVE USED TO PICK MRVA BASE.	103	198		-95	198	CCKF	280	90	125G0011	INTERBEDDED SAND AND CLAY (35' CLAY TOTAL)	82			198	-95	438	-335	632	-529								

SHARKEY COUNTY

SHARKEY COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125G0013	BELLGRADE LUMBER COMPANY #2		-90.927919	32.801561	101	SW/NW	16	11N	7W		101	173		-72	173	CCKF	230	190	125G0013	INTERBEDDED SAND AND CLAY	57			173	-72	444	-343	625	-524								
125G0020	MOORE PLANTING COMPANY		-90.935522	32.779468	100	SE/SW/SE	20	11N	7W	GOOD LOG. OBVIOUS PICKS.	100	172		-72	172	CCKF	224	215	125G0020	MOSTLY CLAY WITH SOME SAND AND SILT	52			172	-72	455	-355	664	-564								
125G0029	EVANNA PLANTATION		-90.930798	32.793632	101	SE/SE/SE	17	11N	7W	NO WELL SCHEDULE.	101	190		-89	190	CCKF	220	180	125G0029	INTERBEDDED CLAY AND SAND	30			190	-89	433	-332	615	-514								
125G0035	BELLGRADE LUMBER COMPANY #3		-90.928928	32.800979	100	SW/SW/NW	16	11N	7W		100	172		-72	172	CCKF	232	190	125G0035	INTERBEDDED SAND AND CLAY	60			172	-72	442	-342	626	-526								
125G0040	LAMENSDORF, BEN		-90.91317	32.83053	100	SE/NE	3	11N	7W	PROBLEM WITH LOCATION. EVERY RECORD OF THIS WELL HAS A DIFFERENT LOCATION.	102	156	Y	-54	156	CCKF	156	70	125G0040	NONE	0			156	-54	412	-310	644	-542								
125G0065	T H MOORE AND SONS		-90.930724	32.775505	100	SE/NE/NE	29	11N	7W	LONG NORMAL ONLY WORKING BELOW 700 FEET.	100	190		-90	190	CCKF	264	100	125G0065	55 FT SANDY CLAY W/INTERBEDDED SANDS	74			190	-90	462	-362	668	-568								
125G0066	BELMONT GIN INC		-90.928223	32.76305	95	NE/NW/NW/NW	33	11N	7W		95	150		-55	150	CCKF	288	180	125G0066	INTERBEDDED SAND AND SANDY CLAY	138			150	-55	477	-382	681	-586								
125G0067	LYNNDALE PLANTATION		-90.911837	32.834946	100	NW/NW/NW	3	11N	7W		100	183		-83	183	CCKF	200	185	125G0067	SANDY CLAY	17			183	-83	402	-302	620	-520								
125G0071	CLAUS, DAVID		-90.92641	32.775474	95	SE/SE/NW/NW	28	11N	7W		95	160		-65	160	CCKF	204	95	125G0071	SANDY CLAY WITH MINOR SAND	44			160	-65	456	-361	643	-548								
125G0147	CARY, TOWN OF	16006	-90.92806	32.80167	96	SW/NW	16	11N	7W	APPEARS TO HAVE BEEN CASED TO ABOUT 170 FEET. MRVA PICKED FROM GR CURVE.	96	172		-76	172	CCKF	214	200	125G0147	SANDY CLAY	42			172	-76	431	-335	623	-527								
125G0500	SHELL #1 SHELL-HOUSTON		-90.961642	32.81355	93	NW/SW	7	11N	7W	OIL TEST	93								125G0500							432	-339	640	-547	1338	-1245	1493	-1400	1518	-1425	1635	-1542
125G0505	BRITISH-AMERICAN OIL #3 HOUSTON ESTATE		-90.896225	32.793896	92	SE/SE	15	11N	7W	OIL TEST. CASING SET TO 139 FEET.	102					CCKF			125G0505							338	-236	518	-416	1238	-1136	1400	-1298	1420	-1318	1553	-1451
125G0510	E C JOHNSTON AND SAM COOK SAM KLAUS #1		-90.948905	32.790887	103	NE/NE	19	11N	7W	OIL TEST	105								125G0510							458	-353	649	-544	1346	-1241	1510	-1405	1522	-1417	1650	-1545
125G0515	UNION PRODUCING COMPANY #1 WHITMIRE		-90.876213	32.761704	88	NW/NW	36	11N	7W	OIL TEST	94								125G0515									533	-439	1212	-1118	1410	-1316	1421	-1327	1560	-1466
125G2015	MOORE, W W		-90.928666	32.775214	97	SW/NW/NW	28	11N	7W	ELOG BY HARRELSON & DLOG LOCATE WELL IN S28. DLOG IS G2015. DEPTH 940 FEET. WELL SCHEDULE G32 BY OAKLEY LOCATES WELL IN S29, DEPTH 780 FEET. ASSUMING ELOG AND DLOG ARE CORRECT. GOOD LOG. PICKS ARE OBVIOUS.	97	170		-73	170	CCKF	230	170	125G2015	SAND AND ABOUT 20 FT OF CLAY	60			170	-73	435	-338	649	-552								

125H0002	KELLIMAN, J C		-90.724817	32.75716	93	SE/SE/NE	32	11N	5W		93	160		-67	160	JKSN	324	120	125H0002	YAZOO CLAY	164	160	-67	348	-255	780	-687	986	-893								
SHARKEY COUNTY																																						SHARKEY COUNTY
FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125H0007	US FOREST SERVICE		-90.786031	32.810197	90	NE/SE/SW	11	11N	6W		90	162		-72	162	CCKF	213	200	125H0007	MUCH SAND WITH SOME INTERBEDDED SANDY CLAY	51			162	-72	450	-360	650	-560								
125H0016	SHANNON, HOMER		-90.705251	32.812679	98	NW/SW	10	11N	5W		98	154		-56	154	JKSN	211	60	125H0016	YAZOO CLAY	57	154	-56	225	-127	670	-572	895	-797								
125H0025	MERRILL, TERRY		-90.84778	32.79361	90	SE/SE/SW/NE	18	11N	6W	DLOG: " GUMBO 0-40, SAND AND GRAVEL 40-205, SANDY SHALE 205-460 FEET"	90	220	Y	-130	220	CCKF	292	50	125H0025	SANDY CLAY	72			220	-130	288	-198	502	-412								
125H0500	STANOLIND SCHOOL LAND #1		-90.724275	32.806481	95	NW/NW/NW	16	11N	5W	OIL TEST	101								125H0500									850	-749	1573	-1472	1755	-1654	1771	-1670	1950	-1849
125H0502	PLYMOUTH OIL COMPANY USA #1		-90.700488	32.758289	96	SE/NW	34	11N	5W	OIL TEST	112								125H0502							811	-699	1043	-931	1859	-1747	2040	-1928	2061	-1949	2276	-2164
125H0503	SHELL OIL COMPANY #1 WHITNEY NATIONAL BANK		-90.840639	32.805389	95	NE/NW	17	11N	6W	OIL TEST. CASING SET TO 50 FEET. DLOG OF H25 IN S18 HAS GRAVEL TO 205 FEET. PICK BASED ON SIMILAR LOG CHARACTER TO 220 FEET.	101	220	Y	-119	220	CCKF	220	60	125H0503	NONE	0			220	-119	310	-209	514	-413	1158	-1057	1370	-1269	1385	-1284	1524	-1423
125J0012	MELTON, W K		-90.938282	32.713378	101	NW/NW/SE	17	10N	7W	NO DLOG.	101	165		-64	165	JKSN	235	360	125J0012	YAZOO CLAY	70	165	-64	253	-152	700	-599	900	-799								
125J0013	MOORE PLANTING COMPANY		-90.92142	32.692922	95	SW/SW/SE	21	10N	7W	NO DLOG	95	170		-75	170	JKSN	315	45	125J0013	YAZOO CLAY	145	170	-75	337	-242	760	-665	987	-892								
125J0027	JOHNSON, WINDELL		-90.895076	32.676141	95	NW/NW/NW	35	10N	7W		95	173		-78	173	JKSN	365	110	125J0027	YAZOO CLAY	192	173	-78	386	-291	828	-733	1045	-950								
125J0031	CATLEDGE, G W		-90.938171	32.711375	95	SW/NW/SE	17	10N	7W		95	165		-70	165	JKSN	240	260	125J0031	YAZOO CLAY	75	165	-70	258	-163	702	-607	914	-819								
125J0032	FARRELL, RALPH		-90.932212	32.740993	100	NE/SE	5	10N	7W	NO CHANGE IN LOG CHARACTER IS APPARENT NEAR THE DEPTH THAT DRILLER PICKS AS BASE OF GRAVEL. BECAUSE OF THIS, I AM PICKING BASE OF MRVA DEEPER. BECAUSE OF SHORT COCKFIELD SECTION, IN SPITE OF THIS WELL BEING NEAR OTHERS IN WHICH JACKSON SUBCROPS, I BELIEVE THIS IS THE COCKFIELD SUBCROP.	100	175	Y	-75	175	CCKF	325	55	125J0032	SANDY CLAY WITH MINOR SAND	150			175	-75	550	-450	738	-638								
125J0093	MELTON, W K		-90.943565	32.703164	95	SE/NW	20	10N	7W	NO DLOG	95	170		-75	170	JKSN	266	30	125J0093	YAZOO CLAY	96	170	-75	285	-190	736	-641	953	-858								
125J0501	J WILLIS HUGHES HOUSTON ESTATE #1		-90.914571	32.747276	95	NE/NE	4	10N	7W	OIL TEST	95								125J0501							480	-385	697	-602	1384	-1289	1573	-1478	1587	-1492	1728	-1630
125J0504	RALPH E FAIR HOUSTON ESTATE #1		-90.863995	32.732943	88	NE/NE	12	10N	7W	OIL TEST	97								125J0504											1300	-1203	1482	-1385	1494	-1397	1620	-1523
125J0505	HARRIS DRILLING COMPANY THERESA HAND #1		-90.898557	32.682966	92	NE/SE	27	10N	7W	OIL TEST	97								125J0505							778	-681	990	-893	1798	-1701	1953	-1856	1964	-1867	2105	-2008
125J0506	PETER CAMPBELL NASH #1		-90.932742	32.675789	97	NE/NE	32	10N	7W	OIL TEST	106								125J0506							814	-708	1030	-924	1830	-1724	1987	-1881	2002	-1896	2146	-2040

SHARKEY COUNTY

SHARKEY COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
125J0508	LOUISIANA PACIFIC #1 BUCK DEAR		-90.894396	32.696045	88	NW/SW	23	10N	7W	OIL TEST	93								125J0508							745	-652	901	-808	1668	-1575	1840	-1747	1851	-1758	1989	-1896
125K0003	STEWART, PAUL		-90.82848	32.748079	88	NE/NE/NE	5	10N	6W	DLOG HAS GRAVEL TO 130 FEET. NO SIGNIFICANT CHANGE IN LOG CHARACTER AT THAT DEPTH. I AM PICKING BASE OF MRVA DEEPER ON THE BASIS OF THE LOG CHARACTER OF THAT INTERVAL.	88	160		-72	160	CCKF	292	70	125K0003	SANDY CLAY WITH MINOR SAND	132			160	-72	366	-278	602	-514								
125K0008	ROBINSON, SHANE		-90.816371	32.664159	93	NW/SE/SW/SE	33	10N	6W	DEPTH DISCREPANCY BETWEEN ELOG AND DLOG. ACCORDING TO DLOG THE HOLE IS ONLY 100 FEET DEEP.	93	155		-62	155	JKSN	344	100	125K0008	YAZOO CLAY	189	155	-62	360	-267											
125K0500	CONTINENTAL OIL COMPANY SPANISH FORT #1		-90.765285	32.711376	85	SE/NW/SE	13	10N	6W	OIL TEST	94								125K0500							750	-656	989	-895	1779	-1685	1966	-1872	1978	-1884	2162	-2068
125K0503	SHELL USA #1		-90.751536	32.68575	94	SE/SE/NW	30	10N	5W	OIL TEST	104	162		-58	162	JKSN	384	40	125K0503	YAZOO CLAY	222	162	-58	400	-296	920	-816	1085	-981	1948	-1844	2100	-1996	2128	-2024	2319	-2215
125K0504	MOBIL OIL COMPANY F B HOUSTON ESTATE #1		-90.845672	32.707359	85	SE/SE/SE	18	10N	6W	OIL TEST	95								125K0504									770	-675	1465	-1370	1630	-1535	1644	-1549	1775	-1680

SUNFLOWER COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
133A0033	MS STATE PENITENTIARY		-90.569	33.9496	145	NE/NW/SW	13	24N	4W	OK ELOG.	145	140		5	140	SPRT	150	150
133A0091	RATCLIFF INVESTMENT COMPANY - RED GODWIN		-90.5906	33.9032	140	NE/SE/SE	33	24N	4W	NO DLOG. FAIRLY GOOD ELOG.	140	144		-4	144	SPRT	159	245
133B0020	CLAYRIDGE PLANTING COMPANY		-90.4961	33.9811	145	SE/NW	3	24N	3W	VERY GOOD WATER WELL LOG.	145	160	Y	-15	160	SPRT	166	80
133B0069	MS DEPARTMENT OF CORRECTIONS	14099	-90.5375	33.91528	147	SW/SW	29	24N	3W		147	160	Y	-13	160	SPRT	160	40
133B0085	MS DEPT OF CORRECTIONS PARCHMAN UNIT 32		-90.5525	33.9372	145	SW/NW	19	24N	3W	NO DLOG. BASE OF MRVA PICKED ON SLIGHT SHIFT OF SP AND RES CURVES AND CORRELATES WITH NEARBY WELLS.	145	151	Y	-6	151	SPRT	151	200
133C0028	BIG YEAGER WATER ASSOCIATION	4369	-90.5556	33.82	138	SE/NE	36	23N	4W	TYPICAL POOR QUALITY WATER WELL LOG.	138	126		12	126	SPRT	140	230
133C0119	MILLER-LOMBARDY #1		-90.6058	33.8856	141	SE/SW/SW/SW	3	23N	4W	GOOD LOG.	141	210		-69	210	SPRT	215	65
133D0036	DREW, CITY OF	4928	-90.5339	33.8161	136	NE/SW	32	23N	3W	NO LOG FROM 626-968 FEET. NO PICKS BELOW BASE OF MRVA.	136	154	Y	-18	154	SPRT	154	110
133E0050	CLARK, F T		-90.5834	33.7569	140	NE/SE/SW	23	22N	4W	MULTIPLE SP REBASES.	140	128		12	128	SPRT	200	85
133E0077	BOYLE-SKENE WATER CORPORATION INC	14228	-90.65861	33.74556	135	NW/SW	30	22N	4W		135	172	Y	-37	172	SPRT	199	120
133E0078	SUNFLOWER WATER ASSOCIATION	14918	-90.63417	33.8128	136	NE/NE/NE/NW	5	22N	4W		136	170	Y	-34	170	SPRT	174	137
133E0900	J L RYAN AND P J TOWNSEND J R COOPER #1		-90.63204	33.78558	135	SW/SE	8	22N	4W	OIL TEST	142							
133F0011	RULEVILLE, CITY OF	4776	-90.5419	33.7336	135	NE/SE/NE	31	22N	3W	DECENT ELOG.	135	118		17	118	SPRT	178	35
133F0023	CLARK, F T		-90.4792	33.782	134	SE/SE/SW	11	22N	3W		134	148		-14	148	SPRT	148	30
133F0070	DREW, CITY OF	4927	-90.5367	33.8019	137	NW/SW	5	22N	3W		137	152		-15	152	SPRT	155	125
133G0039	FMH WATER ASSOCIATION INC	12637	-90.6242	33.6236	134	SE/NE	32	21N	4W		134	180	Y	-46	180	SPRT	184	180
133H0014	DODDSVILLE, TOWN OF	5445	-90.5231	33.6581	126	SE/SE/NE	29	21N	3W	CASED TO 202 FEET.	126					SPRT		

SUNFLOWER COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
133A0033	CLAY	10					140	5	680	-535	729	-584	755	-610		
133A0091	CLAY	15					144	-4	705	-565	770	-630	791	-651		
133B0020	CLAY	6					160	-15	600	-455	635	-490	663	-518	1140	-995
133B0069	NO SEPARATION	0					160	-13	612	-465	680	-533	705	-558	1160	-1013
133B0085	NO SEPARATION	0					151	-6	644	-499	713	-568	729	-584	1203	-1058
133C0028	CLAY	14					126	12	646	-508	710	-572	736	-598		
133C0119	CLAY	5					210	-69								
133D0036	NO SEPARATION	0					154	-18								
133E0050	INTERBEDDED SAND & CLAY	72					128	12	702	-562	770	-630	799	-659	1330	-1190
133E0077	SANDY CLAY	27					172	-37	712	-577						
133E0078	CLAY	4					170	-34								
133E0900									730	-588	798	-656	825	-683	1338	-1196
133F0011	INTERBEDDED SAND AND CLAY (75% SAND, 25% CLAY)	60					118	17	635	-500	706	-571	726	-591	1268	-1133
133F0023	NO SEPARATION	0					148	0								
133F0070	CLAY	3					152	-15	641	-504	704	-567	732	-595	1232	-1095
133G0039	CLAY	4					180	-46	824	-690	900	-766	929	-795		
133H0014									653	-527	725	-599	752	-626		

SUNFLOWER COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
133H0148	OLWR AVERY #1		-90.46889	33.67361	125	NE/SE/SE/NE	23	21N	3W	HOLE DRILLED TO 300 FEET. NO TERTIARY SAND APPARENT ON LOG.	125	140		-15	140	SPRT		
133H0701	OLWR BEN PENTECOST		-90.5283	33.6569	130	SW/NW/NW/SE	29	21N	3W		130	150		-20	150	SPRT	162	90
133J0012	MUZZI, VINCE		-90.724	33.5909	125	NE/SW	9	20N	5W		125	138		-13	138	CCKF	284	70
133J0081	ELLIS, CHARLIE		-90.70639	33.5839	125	SW/SW/NE/NW	15	20N	5W	BASE OF MRVA PICKED ON SLIGHT BREAKS IN SP AND RES CURVES AND AGREEMENT WITH DLOG.	125	142	Y	-17	142	CCKF	142	170
133J0218	ELLIS, CHARLIE		-90.7046	33.5855	125	NE/NW	15	20N	5W	NO DLOG.	125	151		-26	151	CCKF	153	150
133K0018	OGLESBY, JR, JOE		-90.5892	33.5625	123	SE/SE	22	20N	4W		123	114		9	114	CKMN	127	90
133L0045	TOPANGA FARMS		-90.5475	33.5619	120	NE/SE/NE/NW	31	20N	3W		120	143		-23	143	SPRT	174	160
133L0103	DYCHE PLANTATION - TURNER ARANT		-90.5436	33.6036	125	NE/SW/NE	18	20N	3W		125	130	Y	-5	130	SPRT	130	255
133L0135	OLWR TURNER ARANT PROPERTY		-90.5497	33.6058	130	NW/NW	18	20N	3W		130	119		11	119	SPRT	128	45
133L0169	HAMMER, MIKE		-90.49417	33.62361	120	SW/SW/SE	3	20N	3W		120	144		-24	144	SPRT	183	70
133L0197	OLWR REX MORGAN #1		-90.4958	33.5614	126	NE/NE/NW/NE	34	20N	3W		126	135		-9	135	SPRT	135	55
133L0198	OLWR HOLLY RIDGE RANCH #1		-90.4733	33.6114	124	NE/NW/SE/SE	11	20N	3W		124	133		-9	133	SPRT	134	125
133M0013	ROBERTSON, JAMES		-90.7384	33.4738	125	NE/NE/NW	29	19N	5W	RES CURVES EXTREMELY SPIKEY.	125	152		-27	152	CCKF	372	25
133N0034	SUNFLOWER RECREATION CENTER		-90.61833	33.48806	115	NE/NW	21	19N	4W	NO DLOG. COPY OF ELOG IS DISTORTED. LOG CHARACTER ABOVE 182 FEET IS CONSISTENT AND VERY DIFFERENT FROM INTERVAL BELOW.	115	182	Y	-67	182	CCKF	235	95
133N0036	ALLISON, H M		-90.5615	33.5265	118	IR/NW/NE	1	19N	4W		118	106		12	106	CKMN	216	78
133N0038	HOLLAND, DR C K		-90.6009	33.5149	117	NW/NE/SE/NW	10	19N	4W		117	135		-18	135	CCKF	154	160
133N0099	INDIANOLA, CITY OF	4285	-90.6436	33.4558	120	NW/SE/NE	31	19N	4W	CASED TO 297 FEET.	120					CCKF		
133N0118	AUSTIN FISH FARM		-90.5811	33.4992	110	SW/NW/SW/NE	14	19N	4W		110	158	Y	-48	158	CCKF	158	80
133N0120	LEE HOLLAND FISH HATCHERY		-90.5995	33.5151	120	NE/NE/SE/NW	10	19N	4W		120	135		-15	135	CCKF	167	120

SUNFLOWER COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
133H0148							140	-15								
133H0701	CLAY	12					150	-20								
133J0012	SANDY SILTY CLAY, CLAY, SAND (90 FT TOTAL CLAY)	146	138	-13	380	-255	466	-341	1070	-945	1140	-1015	1156	-1031		
133J0081	NONE	0	142	-17	356	-231	436	-311	1072	-947	1149	-1024	1168	-1043		
133J0218	CLAY	2	151	-26	342	-217	432	-307								
133K0018	CLAY	13			114	9	190	-67	816	-693	886	-763	902	-779		
133L0045	SANDY CLAY	31					143	-23	754	-634	833	-713	850	-730		
133L0103	NO SEPARATION	0					130	-5	718	-593	777	-652	798	-673		
133L0135	CLAY	9					119	11								
133L0169	INTERBEDDED SAND AND CLAY	39					144	-24								
133L0197	NO SEPARATION	0					135	-9								
133L0198	CLAY	1					133	-9								
133M0013	SANDY CLAY	220	152	-27	424	-299	510	-385								
133N0034	INTERBEDDED SAND AND CLAY	53	182	-67	340	-225	415	-300	952	-837						
133N0036	CLAY & SILTY CLAY	110			106	12	162	-44	810	-692	881	-763	897	-779		
133N0038	CLAY	19	135	-18	277	-160	318	-201								
133N0099					350	-230	453	-333	1003	-883	1104	-984	1125	-1005	1620	-1500
133N0118	NO SEPARATION	0	158	-48	252	-142	310	-200	880	-770	950	-840	972	-862		
133N0120	CLAY	32	135	-15	286	-166	329	-209	903	-783	973	-853	992	-872		

SUNFLOWER COUNTY

SUNFLOWER COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
133N0121	FMH WATER ASSOCIATION INC	15204	-90.6375	33.52806	121	NE/NW/NW	5	19N	4W		121	152	Y	-29	152	CCKF	160	240	133N0121	CLAY	8	152	-31	368	-247	393	-272	950	-829	1035	-914	1056	-935	1612	-1491
133N0150	HOLLAND, LEIGH (AUSTIN FARMS)	16728	-90.58111	33.49972	117	SW/NE	14	19N	4W	CORRELATES WELL WITH N0118	117	148		-31	148	CCKF	148	105	133N0150	NONE	0	148	-31	243	-126	303	-186	872	-755	944	-827	975	-858	1476	-1359
133N0184	CRAWFORD, CARL R		-90.5641	33.4628	120	SE/NE/SE/SW	25	19N	4W		120	127		-7	127	CCKF	136	55	133N0184	CLAY	9	127	-7	229	-109	300	-180	915	-795	969	-849	996	-876		
133O0002	SUNFLOWER, CITY OF		-90.5331	33.5425	120	SW/NW	5	19N	3W		120	132		-12	132	SPRT	162	45	133O0002	SAND WITH CLAY INTERBEDS	30					132	-12	742	-622	820	-700	842	-722		
133O0082	SUNFLOWER, CITY OF	6618	-90.5367	33.545	121	SW/NW	5	19N	3W		121	147		-26	147	CKMN	179	35	133O0082	CLAY & SAND BEDS	32			147	-26	179	-58	759	-635	818	-697	845	-724		
133O0094	GRAIN FED FISH		-90.5035	33.5354	117	SW/SW/SW	3	19N	3W	ONLY RESISTIVITY TOOL WAS WORKING ON LOGGER.	117	121		-4	121	SPRT	127	180	133O0094	CLAY	6					121	-4								
133O0096	FITTS, CHARLES	6705	-90.49583	33.46306	116	NW/SW/SE	34	19N	3W	COULD BE SOME COOK MTN SUBCROPPING BENEATH MRVA.	116	154		-38	154	SPRT	204	140	133O0096	SANDY CLAY	50					154	-38	754	-638	814	-698	840	-724	1392	-1276
133O0149	PROTEIN PRODUCTS INC	15501	-90.51583	33.49083	115	SE/SW	21	19N	3W		115	143		-28	143	SPRT	143	140	133O0149	NONE	0					143	-28	644	-529	700	-585	730	-615		
133O0193	OLWR MOYER #1		-90.45889	33.54194	120	SW/NE	1	19N	3W		120	121		-1	121	SPRT	130	85	133O0193	CLAY	9					121	-1								
133P0128	FMH WATER ASSOCIATION INC	15203	-90.7292	33.445	123	NW/NW/NW/NW	4	18N	5W		123	150		-30	150	CCKF	283	120	133P0128	SANDY CLAY	133	150	-27	434	-311	517	-394	1170	-1047	1274	-1151	1298	-1175	1836	-1713
133P0189	DELTA WESTERN WELL #1		-90.73139	33.44147	118	NE/SE/NE	5	19N	5W	OIL TEST. 16" STEEL CASING SET TO 180 FEET. CAN'T PICK MRVA BASE FROM GR. LOGGED THROUGH DRILL STEM 1260 - 1735 FEET.	118					CCKF			133P0189					434	-316	521	-403	1155	-1037					1816	-1698
133P0800	OHIO OIL RAY #1		-90.675385	33.37003	115	NW/NW	36	18N	5W	OIL TEST	123								133P0800									1158	-1035	1245	-1122	1272	-1149	1702	-1579
133P0801	QUINTONA #1 TINDALL		-90.758542	33.385484	111	NE/NW	30	18N	5W	OIL TEST	127								133P0801									1292	-1165	1384	-1257	1415	-1288	1820	-1693
133Q0025	WABG CHANNEL 6		-90.5553	33.3775	115	SE/SE	25	18N	4W	NO DLOG.	115	146	Y	-31	146	CCKF	146	100	133Q0025	NO SEPARATION	0	146	-31	285	-170	370	-255								
133Q0035	INDIANOLA, CITY OF	4282	-90.62111	33.44222	116	NE/SW/NW	4	18N	4W		116	121		-5	121	CCKF	150	200	133Q0035	CLAY	29	121	-5	363	-247	430	-314	984	-868	1088	-972	1112	-996	1610	-1494
133Q0132	INDIANOLA, CITY OF	15155	-90.6214	33.4419	116	SW/NW	4	18N	4W		116	122		-6	122	CCKF	158	180	133Q0132	CLAY	36	122	-6	356	-240	422	-306	976	-860	1077	-961	1102	-986	1600	-1484
133R0031	MOORHEAD, CITY OF	14087	-90.5083	33.4494	110	SW/SE/SE	4	18N	3W		110	149		-39	149	CKMN	175	85	133R0031	INTERBEDDED SAND & CLAY	26			149	-39	175	-65	812	-702	867	-757	888	-778	1418	-1308
133R0100	MOORHEAD, CITY OF	14085	-90.501944	33.44833	115	SE/SW/SE	3	18N	3W		115	126	Y	-11	126	CKMN	198	75	133R0100	INTERBEDDED SAND & CLAY	72			126	-11	144	-29	776	-661	840	-725	857	-742	1368	-1253
133R0147	SMITH, HAYES		-90.5056	33.3922	112	SE/NE/SE	28	18N	3W	DLOG SHOWS GRAVEL TO 220 FEET. ELOG HAS NO DISTINCT CHANGE IN CHARACTER ALL THE WAY TO 250 FEET. THIS WELL IS IN AN AREA OF THICKER MRVA ALTHOUGH THIS THICKNESS WOULD BE AN ANOMALY.	112	250	Y	-138	250	SPRT	342	60	133R0147	SANDY CLAY WITH SOME INTERBEDDED SAND	92					250	-138	892	-780	950	-838	965	-853		
133R0186	ALLENS INC	15281	-90.49556	33.4475	116	NE/NW/NW/NE	10	18N	3W		116	111		5	111	CKMN	178	100	133R0186	SANDY CLAY	67			111	5	158	-42	756	-640	818	-702	836	-720	1355	-1239
133R0190	MOORHEAD, CITY OF	15489	-90.50639	33.45056	115	SE/SE	4	18N	3W	CASED TO ABOUT 130 FEET.	115	186		-71	186	SPRT	192	70	133R0190	CLAY	6					186	-71	790	-675	855	-740	882	-767		

SUNFLOWER COUNTY

SUNFLOWER COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
133R0207	OLWR ANTHONY #1		-90.4975	33.41889	116	SE/SE/SE/SW	15	18N	3W		116	114		2	114	CKMN	171	85	133R0207	@25 FT OF SILTY CLAY AND @32 FT OF FINE SAND	57			114	2	171	-55								
133R0251	BEAR CREEK FISHERIES		-90.4534	33.4256	119	NE/NE/NE/SE	13	18N	3W	TEST HOLE. NO DLOG. GOOD ELOG. LOG RUN THOUGH DRILL PIPE FROM 720-850 FEET. CANNOT PICK ZILPHA, WINONA, OR TALLAHATTA DUE TO LOG.	119	175		-56	175	SPRT	175	35	133R0251	NO SEPARATION	0					175	-56							1338	-1219
133R0701	OLWR JONES, AUSTIN		-90.4564	33.4233	120	NE/SE/NW/SE	13	18N	3W		120	166		-46	166	CKMN	196	30	133R0701	SANDY SILTY CLAY	30			166	-46	196	-76								
133T0025	SUMRALL, R M		-90.5895	33.3086	111	SW/NW	23	17N	4W	NO DLOG. GOOD ELOG.	111	142		-31	142	CCKF	272	45	133T0025	INTERBEDDED SAND & SILTY CLAY	130	142	-31	404	-293	502	-391								
133T0027	LESTER, BILL		-90.5781	33.3269	113	NW/NE	14	17N	4W		113	147		-34	147	CCKF	150	200	133T0027	CLAY	3	147	-34	400	-287	490	-377								
133T0092	HOLLY RIDGE RANCH FISH HATCHERY		-90.563	33.3027	112	NW/SW/SE	24	17N	4W		112	130		-18	130	CCKF	236	40	133T0092	SILTY & SANDY CLAY	106	130	-18	370	-258	495	-383								
133T0098	HOLLY RIDGE RANCH		-90.5645	33.3017	110	NE/SE/SE/SW	24	17N	4W	NO DLOG. CASED TO 138 FEET. CORRELATES WELL WITH T42 WHICH IS VERY CLOSE BY. PICKED MRVA ON THAT BASIS AND ON SETTING DEPTH OF SURFACE CASING.	110					CCKF	238	55	133T0098					370	-260	492	-382	1042	-932	1144	-1034	1170	-1060	1575	-1465
133U0041	GOLD KIST HATCHERY		-90.5303	33.3586	116	SW/IR	5	17N	3W		116	151		-35	151	CCKF	260	70	133U0041	INTERBEDDED SAND AND CLAY	109	151	-35	245	-129	305	-189	881	-765	958	-842	984	-868		
133U0067	ANDERSON PLANTING COMPANY (INVERNESS TERT MONITORING)		-90.51	33.3574	111	IR/IR	4	17N	3W		111	114		-3	114	CCKF	118	70	133U0067	CLAY	4	114	-3	266	-155										

TALLAHATCHIE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
135B0003	NORTH TALLAHATCHIE WATER ASSOCIATION	12599	-90.0225	34.1161	363	NE/NW	19	26N	3E	IN BLUFF HILLS. LOESS AND TERRACE OVERLYING SPARTA.	363							
135C0009	JENKINS, E F		-90.3561	33.9881	150	NE/SE/SW	36	25N	2W		150	126		24	126	SPRT	126	55
135C0041	TUTWILER, TOWN OF	12717	-90.4233	34.0061	147	NW/SE	29	25N	2W		147	118		29	118	SPRT	148	140
135C0062	TUTWILER, TOWN OF	15429	-90.4392	34.0247	157	SW/NE	19	25N	2W	CCA CORRECTIONAL FACILITY. DLOG REPORTS COARSE SAND AND GRAVEL WITH LIGNITE FROM 123-202 FEET. BASED ON OTHER DLOGS IN THE AREA INCLUDING ANOTHER TUTWILER WELL AND A SLIGHT SHIFT IN SP AND RES CURVES, I PICKED BASE OF MRVA NEAR 150 FEET AND BELIEVE DRILLER CARRIED GRAVEL DEEPER.	157	148	Y	9	148	SPRT	148	140
135C0071	TUTWILER, TOWN OF	16125	-90.42306	34.00667	147	NW/SE	29	25N	2W	EXCELLENT ELOG	147	140		7	140	SPRT	150	140
135D0003	MELTON, FRANK L		-90.2644	34.0206	145	NE/NW/SE	23	25N	1W	NO DLOG	145	115		30	115	SPRT	194	35
135D0004	VINSON, W C		-90.2797	34.0461	152	NW/SE/SE	10	25N	1W		152	135		17	135	SPRT	146	85
135D0010	CASSIDY HOUSING ASSOCIATION INC	7260	-90.2817	34.0139	140	NE/NE/NW/NE	27	25N	1W	CASED TO 204 FEET	140					SPRT		
135D0106	WITTEN, JOHN		-90.24953	33.98603	145	SW/SW/SE	36	25N	1W		145	116		29	116	SPRT	232	28
135E0001	LONG, M L		-90.235	34.0453	150	SW/SE	7	25N	1E	SP REBASED AT ABOUT 500 FEET. NO DLOG.	150	124		26	124	SPRT	216	24
135F0003	HENSON, F E		-90.0742	34.0422	200	NW/NW/NE	15	25N	2E	NO DLOG. MAP REVIEW SUGGESTS THIS WELL IS ACTUALLY AT A LOCATION ON THE UPPER END OF AN ALLUVIAL FAN AT THE TOE OF THE BLUFFS BUT NOT IN THE ALLUVIAL PLAIN. LOG HEADER HAS 300 FEET ELEV, BUT THIS LOCATION IS AT 200 FEET. IN BLUFF HILLS AREA UPPERMOST TERTIARY FM IS SPART. UPPER 90-100 FEET OF MATERIAL MAY BE REWORKED.	200							
135F0004	KEGLER, ROBERT		-90.1047	34.0078	165	SW/SE/NE	29	25N	2E	NO DLOG.	165	163		2	163	ZILF	183	30
135F0024	CHARLESTON, CITY OF	3111	-90.0586	34.0139	210	NE/NE/NW	26	25N	2E	BLUFF HILLS AREA. DLOG: "CLAY 0-26 (LOESS), COARSE SAND AND PEA GRAVEL 26-51 (TERRACE), SHALE 73-105 (SPARTA) FEET"	210							
135F0031	BLOODWORTH, D D		-90.1044	33.9972	160	SW/NE/NE	32	25N	2E	LOG CHARACTER IS TOO POOR TO PICK TOP OF MERIDIAN.	160	134		26	134	ZILF	167	28

TALLAHATCHIE COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
135B0003			92	271	240	123	294	69	310	53	602	-239
135C0009	NO SEPARATION	0	126	24	424	-274	459	-309	491	-341		
135C0041	SAND BEDS 15 FEET, REMAINDER CLAY	30	118	29	462	-315	535	-388	570	-423	964	-817
135C0062	NO SEPARATION	0	148	9	538	-381	565	-408	590	-433	1027	-870
135C0071	CLAY	10	140	7	460	-313	538	-391	575	-428	962	-815
135D0003	SILTY SAND WITH ABOUT 25 FEET OF SANDY CLAY	79	115	30	334	-189	362	-217	393	-248	757	-612
135D0004	CLAY	11	135	17	400	-248	418	-266	444	-292	782	-630
135D0010					332	-192	366	-226	396	-256	748	-608
135D0106	CLAY AND SAND (ABOUT 50 FEET OF CLAY TOTAL)	116	116	29	262	-117	307	-162	338	-193	716	-571
135E0001	SANDY CLAY WITH 10 FT SAND BED	92	124	26	284	-134	320	-170	346	-196	730	-580
135F0003					157	43	180	20	210	-10	513	-313
135F0004	SANDY CLAY	20			163	2	183	-18	216	-51	494	-329
135F0024					145	65	188	22	212	-2	516	-306
135F0031	SANDY CLAY	33			134	26	167	-7	196	-36	476	-316

TALLAHATCHIE COUNTY

TALLAHATCHIE COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
135F0032	CHARLESTON, CITY OF	3110	-90.05833	34.01167	205	NE/NW	26	25N	2E	BLUFF HILLS.	205								135F0032					138	67	168	37	195	10	487	-282
135F0077	FREEMAN, MORGAN #2		-90.0842	34.0433	168	NE/NE/NE/NE	16	25N	2E	NO DLOG.	168	117		51	117	ZILF	149	40	135F0077	VERY SANDY CLAY AND SAND BEDS	32			117	51	149	19	175	-8		
135H0035	SUMNER, TOWN OF	2651	-90.3717	33.9667	151	SW/NE	11	24N	2W	DLOG HAS COARSE SAND AND GRAVEL TO 211 FFET. LOG SHOWS HIGH RES TO THAT DEPTH. BREAK ON RES CURVE AT 127 FEET. BELIEVE THIS IS TRUE BASE OF MRVA BASED ON THIS AND CORRELATION WITH NEARBY WELL C9.	151	127	Y	24	127	SPRT	127	75	135H0035	NO SEPARATION	0	127	24	458	-307	504	-353	525	-374		
135J0020	WEBB, TOWN OF	3289	-90.3428	33.9456	153	NW/SW	18	24N	1W		153	158		-5	158	SPRT	312	60	135J0020	INTERBEDDED SAND AND SANDY CLAY (> 50% SAND)	154	158	-5	385	-232	467	-314	493	-340		
135J0025	JONES, TOM		-90.2706	33.9525	145	SW/NE/NW	14	24N	1W		145	115		30	115	SPRT	169	40	135J0025	INTERBEDDED SANDY CLAY AND SAND	54	115	30	290	-145	339	-194	375	-230		
135J0041	STURDIVANT, SYKES		-90.3272	33.9067	145	NW/SW/NW	32	24N	1W	NO DLOG. NO PERMIT IN S32 IN THE NAME OF ANY STURDIVANT.	145	134		11	134	SPRT	146	55	135J0041	SANDY CLAY	12	134	11	372	-227	434	-289	452	-307	818	-673
135K0023	BLUE CANE, COWART, TIPPO WATER ASSOCIATION		-90.1764	33.9831	148	SE/NW/SE	3	24N	1E	USED ELEVATION AND LAT/LONG FROM K0026 (MS-GW-14163) FOR THIS WELL. THIS WELL WAS REPORTED AB DUE TO HIGH COLOR IN WATER IN SCREENED INTERVAL FROM 730-750 FEET. NEW WELL DRILLED AT SAME LOC AS K0023 AND WAS SCREENED FROM 600-640 FEET. GR, SP, AND RES CURVES ON ELOG.	148	110		38	110	SPRT	148	35	135K0023	SANDY CLAY	38	110	38	186	-38	240	-92	262	-114	598	-450
135L0005	PAYNES WATER ASSOCIATION INC	2389	-90.065	33.9458	321	SW/SW	14	24N	2E	WELL ON SECTION LINE BETWEEN S14 AND S15. USED PERMIT ELEV AND LOC. POOR QUALITY ELOG.	321								135L0005			70	251	230	91	250	71	276	45	674	-353
135L0800	CONTINENTAL OIL COMPANY #1 STATEN VA-487		-90.08472	33.934167	155	NE/SE	21	24N	2E	OIL TEST. APPEARS TO HAVE BEEN CASED TO 55-60 FEET.	160	94		66	94	ZILF	110	120	135L0800	CLAY WITH MINOR SAND	16			94	66	110	50	140	20	531	-371
135N0039	MORROW, JAMES H		-90.4133	33.8894	140	NE/NW/SW	4	23N	2W	BASE OF MRVA COULD BE DEEPER THAN I HAVE IT PICKED. DLOGS OF OTHER WELLS IN IMMEDIATE AREA CONSISTENTLY REPORT MRVA LESS THAN 120 FEET THICK. NO DLOG.	140	135	Y	5	135	SPRT	140	160	135N0039	SANDY CLAY	5	135	5	480	-340	530	-390	560	-420		
135O0024	GLENDORA, VILLAGE OF	14485	-90.2944	33.8289	150	SE/NE/SE	28	23N	1W		150	104		46	104	SPRT	260	55	135O0024	SANDY CLAY	156	104	46	322	-172	367	-217	388	-238	773	-623
135O0028	MILLS, MIKE S		-90.2906	33.8811	145	NE/NW/NW	10	23N	1W		145	116		29	116	SPRT	156	70	135O0028	INTERBEDDED SAND AND CLAY	40	116	29	304	-159	368	-223	390	-245	760	-615
135O0033	RHODES AND WILSON FISH FARM		-90.3325	33.8125	142	NW/SE/SE	31	23N	1W	SP REBASED AT 240 FEET.	142	117		25	117	SPRT	132	80	135O0033	SANDY CLAY	15	117	25	344	-202	404	-262	431	-289	818	-676
135O0140	ICS HEADSTART GLENDORA #1		-90.31239	33.83225	145	SE/SE/NE	29	23N	1W		145	122		23	122	SPRT	212	130	135O0140	CLAY	90	122	23	334	-189	399	-254	424	-279	772	-627
135P0035	CONAGRA		-90.1814	33.8575	140	SE/NE/SW	15	23N	1E	POOR QUALITY LOG.	140	100		40	100	SPRT	105	40	135P0035	CLAY	5	100	40	149	-9	208	-68	243	-103	607	-467
135S0045	PHILIPP WATER ASSOCIATION	2621	-90.1989	33.7586	140	SW/SE/SE/NW	21	22N	1E		140	94		46	94	SPRT	104	35	135S0045	CLAY	10	94	46	206	-66	259	-119	294	-154	694	-554
135S0800	GULF REFINING COMPANY #1T P CASON		-90.26486	33.7182	137	NE/SW/NE	2	21N	1W	OIL TEST. CASED TO 155 FEET.	145					SPRT			135S0800					278	-133	348	-203	385	-240	780	-635

TATE COUNTY																				TATE COUNTY													
FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
137A0051	ARKABUTLA WATER ASSOCIATION INC	13418	-90.1308	34.6922	280	SE/SE/NE	34	4S	9W		280								137A0051					508	-228						
137A0058	USACE, ARKABUTLA RESERVOIR	15758	-90.1356	34.7461	263	SE/SW/NW/SE	10	4S	9W		263								137A0058			95	168								
137B0600	JOHNSON PERRY COMPANY PRICHARD #1		-89.94399	34.71337	235	NE/NW	28	4S	7W	OIL TEST	235								137B0600											570	-335
137E0005	COTTONVILLE SAVAGE WATER ASSOCIATION INC	2048	-90.1889	34.6622	283	SW/NW/SE	7	5S	9W		283								137E0005			54	229	498	-215	512	-229	532	-249	824	-541
137K0001	STRAYHORN WATER ASSOCIATION INC		-90.17556	34.56944	320	NW/SW/SW	8	6S	9W	CASED TO 42 FEET.	320								137K0001					468	-148	532	-212	560	-240	897	-577
137K0028	STRAYHORN WATER ASSOCIATION INC	7443	-90.17861	34.57167	322	SW/SW	8	6S	9W		322								137K0028			30	292	454	-132	532	-210	548	-226	889	-567

TUNICA COUNTY

TUNICA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
143A0029	TUNICA COUNTY UTILITY DISTRICT	14687	-90.3939	34.8153	200	NW/NW	20	3S	11W	HARRAH'S. CASED TO 168 FEET. GR CURVE USED TO PICK MRVA BASE. LOG OF REASONABLY GOOD QUALITY.	200	166	Y	34	166	CCKF	166	55	143A0029	NO SEPARATION	0	166	34	218	-18	299	-99	748	-548	765	-565	800	-600	1038	-838
143A0030	TUNICA COUNTY UTILITY DISTRICT	14720	-90.3403	34.8319	205	SW/SW	11	3S	11W	RIVERBEND ENVIRONMENTAL. APPEARS TO BE CASED TO 150 FEET. GR CURVE USED TO PICK MRVA. PRETTY GOOD WATER WELL LOG.	205	148		57	148	CCKF	250	100	143A0030	SANDY CLAY AND SAND	102	148	57	168	37	250	-45	720	-515	738	-533	762	-557	970	-765
143A0032	TUNICA COUNTY UTILITY DISTRICT	14818	-90.3422	34.8325	200	SW/SW/SW/SW	11	3S	11W	RIVERBEND ENVIRONMENTAL. APPEARS TO BE CASED TO 145 FEET. GOOD GR CURVE PICK FOR MRVA. GOOD ELOG.	200	143		57	143	CCKF	259	200	143A0032	SANDY CLAY AND SAND	116	143	57	167	33	259	-59	720	-520	750	-550	785	-585	974	-774
143A0033	TUNICA COUNTY UTILITY DISTRICT	36393	-90.3125	34.8206	202	SW/SE	13	3S	11W	HOLLYWOOD WA. CASED TO 144 FEET. GR CURVE PROVIDES GOOD MRVA PICK. LOG QUALITY GOOD.	202	154		48	154	CCKF	540	120	143A0033	SANDY CLAY	386	154	48	176	26	246	-44	662	-460	670	-468	704	-502	950	-748
143B0012	NEELY, GUS		-90.2361	34.825	197	SW/NW	14	3S	10W	NO DLOG. BECAUSE ONLY GR LOG WAS RUN, PICKS ARE BASED ON CORRELATION WITH ELOGS OF OTHER WELLS LOCATED NEARBY.	197	118	Y	79	118	CKMN	133	46	143B0012	SANDY CLAY	15			118	79	133	64	526	-329	600	-403	626	-429	854	-657
143B0056	TUNICA COUNTY UTILITY DISTRICT	13953	-90.2933	34.8467	205	SE/SE/IR	6	3S	10W	BUCK LAKE GAMING RESORT. CASED TO ABOUT 140 FEET. GR PICK OF MRVA BASE IS UNCERTAIN. PRESENCE OF COOK MTN UNCERTAIN.	205	141	Y	64	141	CKMN	141	93	143B0056	NO SEPARATION	0			141	64	168	37	585	-380	663	-458	694	-489	928	-723
143B0057	TUNICA COUNTY UTILITY DISTRICT	15932	-90.2853	34.86056	204	NE/NW	5	3S	10W	GRAND CASINO. CASED TO ABOUT 125 FEET. GR CURVE PROVIDES GOOD MRVA PICK. OVERALL ELOG QUALITY IS OK.	204	125	Y	79	125	CKMN	180	90	143B0057	INTERBEDDED SAND AND SANDY CLAY	55			125	79	180	24	590	-386	662	-458	686	-482	920	-716
143B0060	FRANK AND CARKIER		-90.2927	34.8466	200	SE/SW/SE/SE	6	3S	10W	WELL NOW DESTROYED. MULTIPLE SP REBASES BETWEEN 690 AND 880 FEET. QUALITY OF ELOG IS OK.	200	134		66	134	CKMN	172	144	143B0060	SILTY SANDY CLAY	38			134	66	172	28	589	-389	657	-457	688	-488	930	-730
143B0070	TUNICA COUNTY UTILITY DISTRICT		-90.2928	34.8469	205	SW/SE/SE/SE	6	3S	10W		205	135		70	135	CKMN	140	160	143B0070	CLAY	5			135	70	175	30								
143C0001	WINEMAN, WADE S (HENRY LEE FISHING CAMP)		-90.46	34.6958	190	SW/NE/NW	34	4S	12W	CASED TO 165 FEET. POOR QUALITY ELOG.	190					CCKF			143C0001					182	8	286	-96	689	-499	735	-545	760	-570	1096	-906
143C0006	WOOLFOLK, MRS CHARLES		-90.4453	34.6903	195	NW/SW	35	4S	12W	BAD LOG. MAYBE ELECTRICAL INTERFERENCE.	195	118		77	118	CCKF	120	25	143C0006	CLAY	2	118	77	200	-5	288	-93	690	-495	760	-565	790	-595	1080	-885
143C0012	TUNICA COUNTY UTILITY DISTRICT	14419	-90.4583	34.6972	190	NE/NW	34	4S	12W	NEL-WIN CAMP. NO DLOG.	190	142		48	142	CCKF	150	20	143C0012	SANDY CLAY	8	142	48	197	-7	288	-98	684	-494	724	-534	750	-560	1089	-899
143C0013	TUNICA COUNTY UTILITY DISTRICT	14598	-90.4322	34.7336	190	NE/SE	14	4S	12W	HOLLYWOOD WA. CASED TO 143 FEET. GR USED TO PICK MRVA.	190	142	Y	48	142	CCKF	142	55	143C0013	NO SEPARATION	0	142	48	212	-22	286	-96	660	-470	722	-532	758	-568	1070	-880
143D0006	TUNICA COUNTY UTILITY DISTRICT	1889	-90.3578	34.7475	195	NW/SW	10	4S	12W	HOLLYWOOD WA. CASED TO 186 FEET. POOR QUALITY ELOG.	195					CKMN			143D0006							222	-27	612	-417	666	-471	695	-500	980	-785
143D0017	ROSA FORT SCHOOL		-90.3741	34.7071	193	SE/SW/NW	28	4S	11W	TUNICA COUNTY VOCATIONAL HIGH SCHOOL. CASED TO 45 FEET. POOR QUALITY ELOG.	193	170		23	170	CKMN	236	105	143D0017	INTERBEDDED SAND AND CLAY	66			170	23	236	-43	645	-452	720	-527	757	-564	997	-804

TUNICA COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
143D0125	TUNICA, TOWN OF	16835	-90.38222	34.69139	196	NW/SE	32	4S	11W	APPARENTLY CASED TO 170 FEET. VERY GOOD QUALITY ELOG AND GR.	196	167		29	167	CKMN	264	210
143D0800	AMERADA PETROLEUM R I ARBRAY #1		-90.3747	34.716	193.5	SW/SW	21	4S	11W	OIL TEST. CASED TO 550 FEET.	202							
143E0038	TUNICA COUNTY UTILITY DISTRICT	7809	-90.2544	34.7136	187	NE/NE	28	4S	10W	HOLLYWOOD WA. CASED TO AT LEAST 132 FEET.	187					SPRT		
143E0045	TUNICA COUNTY UTILITY DISTRICT		-90.24	34.7053	190	SE/NE/NW/SE	27	4S	10W	USGS SPARTA MONITORING WELL #2. GR LOG.	190	85		105	85	SPRT	95	80
143G0009	TUNICA, TOWN OF	2858	-90.3817	34.655	190	NE/NW/NE	17	5S	11W		190	152		38	152	CKMN	297	120
143G0012	TUNICA COUNTY UTILITY DISTRICT	13096	-90.3581	34.6469	185	NW/SW/NW/SW	15	5S	11W	WHITE OAK SUBDIVISION.	187	160		27	160	CKMN	248	110
143G0026	EVANSVILLE		-90.3917	34.6417	190	SW/SW/SW	17	5S	11W	NO DLOG. CASED TO 60 FEET.	190	170		20	170	CKMN	284	120
143G0027	TUNICA COUNTY UTILITY DISTRICT	6548	-90.3917	34.6411	191	SW/SW/SW	17	5S	11W	EVANSVILLE WA TH #2	191	162		29	162	CKMN	280	110
143G0146	BATTLE, NORMA H	7080	-90.31389	34.62778	182	SE/SW	24	5S	11W	PAUL BATTLE MAGNOLIA PROCESSING PLANT. NO DLOG. FAIRLY GOOD ELOG.	182							
143G0800	JACK BOWLES #1 HAMRICK		-90.319	34.6569	183	SW/SW	12	5S	11W	OIL TEST. CASED TO 645 FEET.	183							
143H0022	BATTLE, PAUL		-90.3044	34.6194	180	SW/NW	30	5S	10W	CASING SET TO 168 FEET.	180					SPRT		
143J0010	TUNICA COUNTY UTILITY DISTRICT	6550	-90.4575	34.5247	185	SE/SW/SE/SW	27	6S	12W	TOWN OF DUNDEE. NO DLOG. POOR LOG QUALITY ABOVE 200 FEET.	185	133	Y	52	133	SPRT	133	90
143J0031	DUNDEE SCHOOL		-90.4547	34.5283	185	SE/NE/SW	27	6S	12W	TUNICA COUNTY SCHOOLS. CASING SET TO 178 FEET. POOR QUALITY ELOG.	185		Y			SPRT		
143J0106	TUNICA COUNTY UTILITY DISTRICT		-90.4372	34.5214	178	SE/NE/NW	35	6S	12W	USGS SPARTA MONITORING WELL #1. GR LOG.	178	150		28	150	SPRT	250	250
143J0800	LA LAND AND EXPLORATION #1 R A MYERS		-90.4306	34.5118	177	SE/SE/SW	36	6S	12W	OIL TEST. CASED TO ABOUT 230 FEET. MELLEN'S NOTES ON LOG. GOOD ELOG QUALITY.	204					SPRT		
143N0006	TUNICA COUNTY UTILITY DISTRICT	6549	-90.3217	34.5097	175	NW/NW/NW	1	7S	11W	DUNDEE WA. GOOD ELOG ALTHOUGH MRVA BASE IS SOMETHING OF A QUESTION.	175	139	Y	36	139	SPRT	141	75
143N0007	DUNDEE WATER ASSOCIATION		-90.3217	34.5097	175	SW/NW/NW	1	7S	11W	CASED TO 860 FEET.	175							

TUNICA COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
143D0125	SANDY CLAY WITH MINOR SAND BEDS	97			167	29	264	-68	631	-435	728	-532	761	-565	998	-802
143D0800									690	-488	729	-527	756	-554	1037	-835
143E0038									470	-283	508	-321	541	-354	836	-649
143E0045	SANDY CLAY	10					85	105								
143G0009	SANDY CLAY AND SAND	145			152	38	240	-50	637	-447	694	-504	718	-528	1036	-846
143G0012	SANDY CLAY	88			160	27	248	-61	618	-431	684	-497	717	-530	1040	-853
143G0026	SANDY CLAY	114			170	20	244	-54	621	-431	685	-495	710	-520	1033	-843
143G0027	SANDY CLAY	118			162	29	243	-52	617	-426	680	-489	706	-515	1025	-834
143G0146									536	-354	603	-421	633	-451	928	-746
143G0800															970	-787
143H0022									534	-354	568	-388	591	-411	893	-713
143J0010	NO SEPARATION	0					133	52	631	-446	771	-586	796	-611	1004	-819
143J0031									623	-438	760	-575	790	-605	988	-803
143J0106	SANDY CLAY W/ ABOUT 25' OF INTERBEDDED SAND	100					150	28								
143J0800									634	-430	766	-562	797	-593	994	-790
143N0006	CLAY	2					139	36	508	-333	546	-371	568	-393	871	-696
143N0007															875	-700

WARREN COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
149A0016	WHITFIELD, HENRY		-91.040659	32.575999	90	NW/NW/NE	5	18N	2E	CASED TO 150 FEET. GOOD ELOG.	90	187		-97	187	JKSN	429	150
149A0017	STEELE BAYOU HUNTING CLUB		-91.027205	32.575134	95	NE/NW	4	18N	2E	CASED TO 150 FEET. GOOD ELOG.	95	153	Y	-58	153	JKSN	455	130
149B0006	WILKES, JAMES		-90.84461	32.556392	95	SE/SE/NE	7	18N	4W	NO DLOG OF INTERVALS CUT IN THE BOREHOLE. ELOG IS OF ACCEPTABLE QUALITY.	95	147		-52	147	JKSN	642	35
149B0010	YAZOO VALLEY ELECTRIC POWER ASSOCIATION		-90.790013	32.512349	115	SW/NW	26	18N	4E	NOT A GOOD LOG. WELL APPEARS TO BE AT THE TOE OF BLUFF. PROBABLY ALLUVIAL FAN AT SURFACE RATHER THAN TYPICAL MRVA.	115	89		26	89	FRHL	96	40
149B0024	CATTLIN, DAVE		-90.827707	32.518331	93	NE/NE/NE	29	18N	4E	POOR SP QUALITY. RES IS OK.	93	176		-83	176	JKSN		
149B0025	WHITAKER, F W		-90.825701	32.55133	98	NW/SW/SW	9	18N	4E	4 SEPARATE LOGGING RUNS IN THIS BOREHOLE WITH GAPS BETWEEN EACH RUN. NOT GREAT LOG QUALITY.	98	156		-58	156	JKSN	639	37
149C0010	SUMRALL, B N		-90.751334	32.539005	115	NE/SW	18	18N	5E	APPEARS TO BE AT TOE OF BLUFF. PROBABLY AT LEAST PARTIALLY ALLUVIAL FAN DEPOSITS. DESCRIPTION IS NOT TYPICAL OF MRVA.	115	119		-4	119	FRHL	136	65
149C0012	MAYEAUX, C H		-90.721245	32.569974	90	SW/NW	4	18N	5E	NEAR TOE OF BLUFF. PROBABLY ALLUVIAL FAN DEPOSITS.	90	70	Y	20	70	FRHL	620	30
149C0021	DAVIS, CAREY		-90.680185	32.577921	100	NW/SW/SE	35	9N	5W	NEAR TOE OF BLUFF. PROBABLY ALLUVIAL FAN. NOT TYPICAL MRVA AT ALL. BASED ON BORING LOG OF MELLEN IN BULLETIN 43, BASE OF FOREST HILL HERE IS ABOUT 50-60 FEET ABOVE MSL. ON THAT BASIS I AM PICKING FOREST HILL TOP HERE.	100	66	Y	34	66	FRHL	638	30
149C0800	THE TEXAS COMPANY HINTSON #1		-90.687856	32.516798	353	NW/NW	26	18N	5E	OIL TEST IN BLUFF HILLS. CASED TO 71 FEET.	365							
149E0022	VICKSBURG, CITY OF		-90.89101	32.418511	88	NW/NE/SW	13	17N	3E	NO DLOG. ELOG DOES NOT EXTEND MUCH BELOW BASE OF MRVA.	88	153		-65	153	JKSN		
149E0023	VICKSBURG, CITY OF	475	-90.884167	32.409167	88	SE/NW/NE	22	17N	3E		88	144		-56	144	JKSN		

WARREN COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP GLDN	TOP GLDN MSL	TOP FRHL	TOP FRHL MSL	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
149A0016	YAZOO CLAY	242					187	-97	449	-359												
149A0017	YAZOO CLAY	302					153	-58	472	-377												
149B0006	YAZOO CLAY	495					147	-52	654	-559	1184	-1089	1408	-1313								
149B0010	SANDY CLAY	7			89	26	192	-77	672	-557												
149B0024	CLAY						176	-83														
149B0025	YAZOO CLAY	483					156	-58	654	-556	1190	-1092										
149C0010	CLAY	17			119	-4	235	-120	691	-576												
149C0012	520 FEET OF YAZOO CLAY WITH 12 FEET OF FOREST HILL SAND AND 18 FEET OF CLAY AND SILT BASED ON MELLEN'S DESCRIPTION OF BORING E37 IN BULLETIN 43.	550			70	20	101	-1	634	-544												
149C0021	544 FEET OF YAZOO CLAY WITH 28 FEET OF FOREST HILL DIRECTLY BENEATH ALLUVIAL FAN MATERIAL.	572			66	34	94	6	644	-544												
149C0800			274	91	351	14	520	-155	995	-630	1528	-1163	1725	-1360	2684	-2319	2940	-2575	2979	-2614	3278	-2913
149E0022	YAZOO CLAY						153	-65														
149E0023	YAZOO CLAY						144	-56														

WARREN COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
149J0004	VICKSBURG INDUSTRIAL PARK		-90.877074	32.384849	90	SW/SW	2	16N	3E		90	166		-76	166	JKSN		
149J0024	BUNGE CORPORATION	4768	-90.894102	32.388275	110	NW/SW	3	16N	3E	ANDERSON-CLAYTON CO PAYMASTER OIL MILL. NO DLOG.	110	136		-26	136	JKSN		
149J0025	ANDERSON CLAYTON COMPANY		-90.893423	32.387947	110	NW/SW	3	16N	3E		110	132		-22	132	JKSN		
149J0042	OLD RIVER HUNTING CLUB		-90.969444	32.396667	92	NE/IR	1	16N	2E	POOR QUALITY ELOG.	92	159		-67	159	JKSN	633	40

WARREN COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP GLDN	TOP GLDN MSL	TOP FRHL	TOP FRHL MSL	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
149J0004	YAZOO CLAY						166	-76														
149J0024	YAZOO CLAY						136	-26														
149J0025	YAZOO CLAY						132	-22														
149J0042	YAZOO CLAY	474					159	-67	646	-554												

WASHINGTON COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
151A0035	WATZEK, P F		-91.0917	33.4578	100	SW/SW/SW	14	19N	9W		100	105		-5	105	JKSN	398	95	151A0035	CLAY DOMINANT IN JKSN & UPPER 120' OF CCKF	293	105	-5	178	-78												
151A0036	REED, ALBERT H		-91.0164	33.5252	135	NE/SE/NW	3	19N	8W		135	112		23	112	JKSN	380	272	151A0036	57' YAZOO CLAY, 214' INTERBEDDED SAND AND CLAY	268	112	23	182	-47												
151A0107	METCALFE, TOWN OF	4537	-91.0053	33.4525	127	SW/NW	35	19N	8W	LOG CHARACTER IS SO POOR, PICKS BELOW BASE OF MRVA ARE QUESTIONABLE.	127	116		11	116	JKSN			151A0107			116	11	132	-5												
151A0130	BUCHANON, PHILLIP		-91.0482	33.4552	123	SW/NW/NE	32	19N	8W	NO DLOG.	123	104		19	104	JKSN	325	35	151A0130	CLAY AND SAND BED - CLAY IS DOMINANT	221	104	19	164	-41												
151A0800	REESER AND PENDLETON GENERAL LIFE INSURANCE #1		-91.0434306	33.485825	130	NE/NE	20	19N	8W	OIL TEST	144								151A0800									705	-561	1420	-1276	1500	-1356	1530	-1386	2025	-1881
151C0083	BLACK BAYOU WATER ASSOCIATION INC	16110	-90.8508	33.4622	121	NE/SE	30	19N	6W	GOOD ELOG.	121	153		-32	153	CCKF	393	75	151C0083	INTERBEDDED SAND AND CLAY (@115' MAINLY CLAY)	240			153	-32												
151D0033	USGS		-91.0817	33.3758	125	IR/IR	10	18N	9W	WELL AT GREENVILLE INDUSTRIAL PARK.	125	98		27	98	JKSN	330	30	151D0033	CLAY AND INTERBEDDED SAND	232	98	27	170	-45	680	-555	792	-667	1460	-1335	1556	-1431	1580	-1455	1966	-1841
151D0128	GREENVILLE, CITY OF		-91.005	33.3917	125	NW/SW	25	18N	8W	NO DLOG.	125	122		3	122	JKSN	182	30	151D0128	ABOUT 60% SAND IN CONFINING INTERVAL	60	122	3	140	-15												
151D0173	US COAST GUARD		-91.0539	33.435	125	SW/IR	1	18N	8W		125	103		22	103	JKSN	412	30	151D0173	50' YAZOO CLAY, INTERBEDDED SAND & CLAY	309	103	22	184	-59												
151D0186	DELTA VILLAGE TRAILER PARK		-90.9806	33.4099	120	SW/SW/NE	15	18N	8W		120	82		38	82	JKSN	352	70	151D0186	40' YAZOO CLAY; INTERBEDDED SANDY CLAY & SAND	270	82	38	145	-25												
151D0191	JOHNSON, CECIL		-91.0741	33.3675	120	SW/NW/NW	33	18N	8W	RES CURVE VERY SPIKEY. PROBABLY SOME TECHNICAL PROBLEMS OR ELECTRICAL INTERFERENCE.	120	87		33	87	JKSN	404	40	151D0191	@100 ' OF CLAY AND 200' OF SANDY CLAY	317	82	38	158	-38												
151D0199	GREENVILLE, CITY OF		-91.0855	33.3569	125	SW/IR	16	18N	9W	LOG CHARACTER IS TOO POOR TO MAKE PICKS BELOW JACKSON/COCKFIELD.	125	94		31	94	JKSN			151D0199			94	31	155	-30												
151D0200	GREENVILLE, CITY OF	14669	-91.06	33.3589	121	SE/SE	33	18N	8W		121	94		27	94	JKSN	360	55	151D0200	CLAY AND SANDY CLAY	266	94	27	129	-8												
151D0800	CH MURPHY JR - SUN OIL COMPANY C W HUNTER #1		-91.12556	33.4256	122	NW/NW	5	18N	9W	OIL TEST.	144								151D0800							617	-473	752	-608	1450	-1306	1560	-1416	1587	-1443	1958	-1814
151E0036	DELTA BRANCH EXPERIMENT STATION	4697	-90.9114	33.4217	126	NW/SE	10	18N	7W		126	104		22	104	JKSN	344	46	151E0036	INTERBEDDED CLAY, SANDY CLAY, & SAND. INCLUDES 40 FEET OF YAZOO CLAY.	240	104	22	162	-36												
151E0039	LELAND, CITY OF	3486	-90.9092	33.4111	125	SW/NE	15	18N	7W		125	107		18	107	JKSN	486	60	151E0039	40' YAZOO CLAY; INTERBEDDED SANDY CLAY & SAND	379	107	18	176	-51												

WASHINGTON COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
151E0040	LELAND, CITY OF		-90.8962	33.4098	126	SE/NW	14	18N	7W	NO DLOG. LITHOLOGIC SEQUENCE PROBABLY LIKE THAT OF E0039.	126	108		18	108	JKSN	302	60	151E0040	INTERBEDDED CLAY, SANDY CLAY, & SAND. OVER 100 FEET OF CONFINING INTERVAL IS COMPRISED OF CLAY AND SANDY CLAY. ABOUT 70 FEET IS SAND AND SANDY CLAY.	194	108	18	140	-14												
151E0043	MS STATE UNIVERSITY DELTA BRANCH EXPERMENT STATION		-90.9142	33.4251	120	SE/SW/NW	10	18N	7W	NO DLOG.	120	97		23	97	JKSN	417	50	151E0043	50' YAZOO CLAY; INTERBEDDED SAND & CLAY	320	97	23	168	-48												
151E0045	ABSHIRE, WESTON		-90.9497	33.3972	117	NW/NW/SE/NW	20	18N	7W	SAND PRESENT ON LOG AT 372 FEET IS WITHIN A 40 FOOT INTERVAL AND IS BADLY BROKEN (MAYBE 25 FEET OF NET SAND). WELL SCREENED IN SAND 475-515 FEET (DLOG). I AM ASSUMING THIS IS UPPERMOST AQUIFER IN COCKFIELD.	117	101		16	101	JKSN	475	40	151E0045	30' YAZOO CLAY; INTERBEDDED SAND & CLAY	374	101	16	157	-40												
151E0079	OLIN CORPORATION AGRICULTURAL DIVISION		-90.8697	33.4285	120	SE/NE/NE	12	18N	7W		120	113		7	113	JKSN	448	50	151E0079	16' YAZOO CLAY; INTERBEDDED SAND & SANDY CLAY	335	113	7	144	-24												
151E0120	USDA STONEVILLE		-90.8934	33.4392	120	SW/SW/NE	2	18N	7W	NO DLOG.	120	104		16	104	JKSN	410	100	151E0120	MOSTLY SANDY CLAY W/SOME INTERBEDDED SANDS	306	104	16	130	-10	510	-390	652	-532	1350	-1230	1460	-1340	1490	-1370	1856	-1736

151E0122	MAFES DELTA BRANCH EXPERIMENT STATION	5908	-90.9075	33.4228	126	NE/SE	10	18N	7W	CASING SET TO 116 FEET. NO DLOG. LOCATED CLOSE TO E0036, E0043, AND E0148.	126					JKSN			151E0122					163	-37	539	-413	688	-562									
151E0137	LELAND, CITY OF		-90.9068	33.4	120	NW/NE/NE	22	18N	7W	NO DLOG.	120	100		20	100	JKSN	334	35	151E0137	20' YAZOO CLAY; INTERBEDDED SAND & CLAY	234	100	20	144	-24													
151E0138	LELAND, CITY OF		-90.8894	33.4138	125	SW/NE/NE	14	18N	7W	NO DLOG.	125	129		-4	129	JKSN	308	160	151E0138	SANDY CLAY & CLAY W/MINOR SANDS	179	129	-4	156	-27													
151E0139	BLACK BAYOU WATER ASSOCIATION INC	15933	-90.935	33.3789	115	SW/NW	28	18N	7W		115	110		5	110	JKSN	119	70	151E0139	CLAY	9	110	5	144	-29													
151E0145	LELAND, CITY OF	15325	-90.8894	33.4061	122	NE/SE	14	18N	7W		122	158		-36	158	CCKF	250	70	151E0145	SANDY CLAY	92			158	-36													
151E0147	USDA DELTA EXPERIMENT STATION		-90.8854	33.4391	120	SW/SW/SW/NW	1	18N	7W		120	100		20	100	JKSN	170	40	151E0147	30' YAZOO CLAY; 20' SAND & MARL; 20' SANDY CLAY	70	100	20	150	-30													
151E0148	DELTA BRANCH EXPERIMENT STATION	14451	-90.9094	33.4228	125	NW/SE	10	18N	7W	GOOD QUALITY ELOG.	125	96		29	96	JKSN	490	45	151E0148	44' YZ CLAY; 22' SAND & MARL; INTER CLAY, SNDY CLY	394	96	29	162	-37	538	-413	675	-550									
151F0045	KRETCHMYER, MALCOLM		-90.7819	33.3582	113	SE/SE/SE/SE	35	18N	6W		113	122	Y	-9	122	CCKF	124	25	151F0045	CLAY	2			122	-9													
151F0801	GRUBB AND HAWKINS #1 S M NEIL		-90.78375	33.37435	103	SE/SE	26	18N	6W		122								151F0801											1265	-1143	1400	-1278	1427	-1305	1832	-1710
151G0038	DOW CHEMICAL COMPANY		-91.025	33.2697	120	SE/SE/IR	5	17N	8W	ATYPICAL MRVA AQUIFER IS APPARENTLY ONLY 20 FEET OF SAND HERE	120	80		40	80	JKSN	322	200	151G0038	35' YZ CLAY; 14' SAND & MARL; INTERBEDDED SND & CL	242	80	40	129	-9	622	-502	733	-613	1440	-1320	1536	-1416	1562	-1442		
151G0040	COOPER GILDER CHEMICAL TRUCKING		-91.0762	33.34694	122	NE/SE	14	17N	9W	NOT A GOOD ELOG.	122	91		31	91	JKSN	355	70	151G0040	CLAY, SANDY CLAY W/INTERBEDDED THIN SANDS	264	91	31	119	3													

WASHINGTON COUNTY

WASHINGTON COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
151G0078	LUMLEY, LEON		-91.0043	33.2991	110	SW/SW/SW	28	17N	8W	NO DLOG.	110	80		30	80	JKSN	449	150	151G0078	CLAY, SANDY CLAY W/MANY INTERBEDDED SANDS	369	80	30	138	-28	642	-532	745	-635								
151G0132	ENTERGY MISSISSIPPI INC GERALD ANDRUS PLANT	4533	-91.11889	33.35	125	IR/IR	1	17N	9W		125	132		-7	132	JKSN	166	70	151G0132	10' YZ CLAY; MARL, SAND, MINOR SANDY CLAY	34	132	-7	158	-33												
151G0142	PETTY, JAMES		-91.0382	33.2779	110	NW/NE/SE	4	17N	8W	PROBLEM WITH LOCATION AND ELEVATION. BECAUSE SP ABOVE 580 FEET IS NO GOOD AND LOG CHARACTER IS INDISTINCT, NO PICKS WERE MADE.	110								151G0142																			
151G0160	BELMONT HUNTING CLUB		-91.0379	33.2697	118	IR/IR	5	17N	8W	SP NOT RECORDED. UPPER PART OF RES CURVE DOES NOT RESEMBLE TYPICAL MRVA PATTERN. SO MANY QUESTION MARKS, I AM NOT USING THIS LOG.	118								151G0160																			
151G0161	PACIFIC NATIONAL RICE MILL		-91.112	33.3497	148	IR/IR	16	17N	9W	NO DLOG.	148	110		38	110	JKSN	315	65	151G0161	25' YZ CLAY; 27' MARL & SAND; SANDY CLAY W/IN SAND	205	110	38	162	-14													
151G0164	WAYSIDE WATER ASSOCIATION INC	16079	-91.0394	33.2983	115	SW/SW	26	17N	8W		115	87		28	87	JKSN	165	50	151G0164	20' YZ CLAY; 30' SAND & MARL; CLAYEY SAND	78	87	28	133	-18	585	-470	748	-633								
151G0172	GREENVILLE MANUFACTURING		-91.132	33.3333	125	IR/IR	3	17N	9W	VLASIC FOOD COMPANY	125	114		11	114	JKSN	379	80	151G0172	57' YZ CLAY; 30' SAND & MARL; CLAY, SANDY CL, SAND	265	114	11	201	-76												
151G0198	SWIFTWATER DEVELOPMENT ASSOCIATION INC		-91.0444	33.3272	118	SW/SW/SE/SE	13	17N	8W		118	83		35	83	JKSN	228	50	151G0198	CLAY, SANDY CLAY, INTERV OF SAND & SILT	145	83	35	136	-18												
151G0204	TURNER, GERALD		-91.0165	33.3456	116	SW/SE/NE/SW	8	17N	8W		116	87		29	87	JKSN	145	40	151G0204	35' CLAY, 23' SAND & MARL	58	87	29	139	-23												
151G0267	SWIFTWATER DEVELOPMENT ASSOCIATION INC	14674	-91.065	33.3261	123	NW/NE	23	17N	8W		123	91		32	91	JKSN	136	25	151G0267	20' CLAY, SAND & MARL	45	91	32	129	-6												
151G0269	GREENVILLE, CITY OF		-91.1207	33.3327	124	IR/IR	3	17N	9W		124	104		20	104	JKSN	275	55	151G0269	CLAY, SANDY CLAY, MINOR SAND BEDS	171	104	20	180	-56												
151G0282	MSDOT		-91.1321	33.2992	130	NW/IR	7	17N	9W	NO DLOG. BOREHOLE TD AT 155 FEET.	130	111		19	111	JKSN			151G0282			111	19	144	-14												
151G0283	MSDOT		-91.1308	33.3011	125	NW/IR	7	17N	9W	NO DLOG. BOREHOLE TD AT 158 FEET.	125	116		9	116	JKSN			151G0283			116	9	153	-28												
151G0287	GREENVILLE, CITY OF	15025	-91.05778	33.35556	120	NW/NW/NW/NW	10	17N	8W		120	90		30	90	JKSN	400	65	151G0287	49' YZ CLAY; 14' SAND & MARL; SDY CLAY W/MINOR SND	310	90	30	153	-33												
151G0329	GAMING, S W	16383	-91.1408	33.2989	121	IR/IR	7	17N	9W	HARLOW CASINO.	121	139		-18	139	JKSN	370	60	151G0329	CLAY, SANDY CLAY, AND SAND BEDS	231	139	-18	177	-56												
151G0803	UNION OIL COMPANY OF CALIFORNIA TOM JOHNSON #1		-91.0902	33.3284	120	SW/SW	19	17N	9W	OIL TEST. CASED TO 472 FEET.	129								151G0803							642	-513	816	-687	1423	-1294	1537	-1408	1562	-1433	1880	-1751
151G0804	LISSON GASOLINE COMPANY WYNN #1		-91.1109	33.3253	121	NE/IR	22	17N	9W	OIL TEST. CASED TO 1113 FEET.	135								151G0804											1376	-1241	1492	-1357	1521	-1386		

WASHINGTON COUNTY

WASHINGTON COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
151G0806	O W KILLIAN COMPANY FISHER #1		-90.9986	33.3555	117	NE/NW	7	17N	8W	OIL TEST. CASED TO 1211 FEET. G F BROWN MENTIONS THIS WELL IN BULLETIN 65. E H BOSWELL THOUGHT TOP OF SPARTA WAS 650-700 FEET PLUS OR MINUS IN THIS WELL.	127								151G0806										1423	-1296	1552	-1425	1580	-1453	1962	-1835
151G0807	MURPHY AND SUN WYNN #1		-91.06913	33.331683	118	NE/SW	12	17N	8W	OIL TEST.	129								151G0807							671	-542	760	-631	1435	-1306	1560	-1431	1584	-1455	1910	-1781
151H0039	MUNN, LOUIS		-90.8842	33.336	118	SW/SW/NW	12	17N	7W	LOG MAY GET TO COOK MOUNTAIN BUT CHOSE NOT TO TRY TO PICK IT.	118	102		16	102	JKSN	265	40	151H0039	CLAY, SANDY CLAY W/INTERBEDDED SANDS	163	102	16	145	-27												
151H0158	ARCOLA, TOWN OF	16940	-90.8773	33.2703	121	SE/SE/SE/SW	36	17N	7W		121	152		-31	152	CCKF	360	80	151H0158	40% CLAY & 60% INTERBEDDED SAND	208			152	-31	590	-469	692	-571								
151H0202	BLACK BAYOU WATER ASSOCIATION INC		-90.9254	33.2703	111	SW/SE	33	17N	7W	CASED TO 60 FEET.	111	164		-53	164	JKSN	304	60	151H0202	15' YZ CLAY, 23' SAND & MARL, 100' SANDY CLAY	140	164	-53	202	-91	540	-429	645	-534								
151J0015	DEAN AND COMPANY		-90.7978	33.3021	110	NW/SW/SW	23	17N	6W	FAITH PLANTATION	110	112		-2	112	CCKF	125	70	151J0015	SANDY CLAY	13			112	-2												
151K0091	MUSCADINE FARMS		-90.9835	33.2251	113	NE/NE/NW/NW	20	16N	8W		113	84		29	84	CCKF	98	30	151K0091	CLAY	14			84	29	554	-441	671	-558								
151K0105	WAYSIDE WATER ASSOCIATION INC	16080	-91.0331	33.2619	116	IR/IR	1	16N	8W		116	101		15	101	CCKF	333	125	151K0105	SANDY CLAY WITH MINOR SAND & LIGNITE	232			101	15	590	-474	685	-569								
151K0800	MURPHY-SUN LAND BANK #1		-90.972802	33.227561	110	SE/SE	19	16N	8W	OIL TEST. DF ELEVATION FROM SCOUT CARD.	119								151K0800							600	-481	695	-576	1377	-1258	1537	-1418	1558	-1439	1805	-1686
151K0802	MURPHY-SUN BRANTON #1		-91.023829	33.212522	112	SE/SE	23	16N	8W	OIL TEST.	124								151K0802											1410	-1286	1520	-1396	1537	-1413	1755	-1631
151K0803	BAKER PRICE DRILLING C C TROTTER #1		-91.0396	33.1878	112	NE/NE/SE	35	16N	8W	OIL TEST. CASING SET TO 94 FEET. FOR THAT REASON PICK OF MRVA BASE IS UNCERTAIN.	115	109	Y	6	109	CCKF	189	60	151K0803	INTERBEDDED SAND AND CLAY	80			109	6	398	-283	560	-445	1291	-1176	1415	-1300	1438	-1323	1658	-1543
151L0800	MURPHY-SUN J S BROWN #1		-90.9579	33.2172	107	NW/SE	19	16N	7W	OIL TEST. CASING SET TO 98 FEET. NO MRVA PICK POSSIBLE.	112					CCKF	335	120	151L0800	SAND INTERBEDDED WITH CLAY & @70' CLAY INTERVAL						472	-360	612	-500	1344	-1232	1480	-1368	1507	-1395	1768	-1656
151L0801	MURPHY-SUN MAYHALL #1		-90.931548	33.214458	107	SW/SW	21	16N	7W	OIL TEST.	112								151L0801													1487	-1375	1510	-1398	1760	-1648
151L0803	LEE RAINES ALDRIDGE #1		-90.870666	33.223567	116	SW/NE	24	16N	7W	OIL TEST.	119								151L0803													1524	-1405	1550	-1431	1820	-1701
151L0804	MURPHY-SUN JONES #1		-90.867786	33.204963	116	NE/SE	25	16N	7W	OIL TEST.	119								151L0804							560	-441	675	-556	1349	-1230	1482	-1363	1504	-1385	1762	-1643
151M0062	HOLLANDALE, CITY OF	5342	-90.85139	33.185	115	SW/SE/SE	31	16N	6W		115	164		-49	164	CCKF	208	80	151M0062	SANDY CLAY WITH THIN SAND BED	44			164	-49	495	-380	619	-504								
151M0143	DARLOVE MURPHY WATER ASSOCIATION	7760	-90.77139	33.1875	103	NE/SE/SW	36	16N	6W		103	140		-37	140	CCKF	372	50	151M0143	SANDY CLAY WITH INTERBEDDED SANDS	232			140	-37	470	-367	530	-427								
151N0052	STEELE, C G		-91.044	33.1476	108	NW/NW/SE	17	15N	8W		108	125		-17	125	CCKF	210	70	151N0052	CLAY, SANDY CLAY W/SOME MINOR INTERBEDDED SANDS	85			125	-17	400	-292	496	-388								
151N0083	US AIR FORCE		-91.0218	33.1452	100	SE/SW/NE/SE	16	15N	8W	US NAVAL SPACE SURVEILLANCE SYSTEM SILVER LAKE STATION	100	70		30	70	CCKF	115	80	151N0083	CLAY	45			70	30	348	-248	478	-378								
151N0133	BLACK BAYOU WATER ASSOCIATION		-91.0061	33.1822	114	NE/NE	3	15N	8W		114	120		-6	120	CCKF	135	25	151N0133	CLAY AND SAND	15			120	-6												

WASHINGTON COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
151N0802	BAKER-PRICE DRILLING COMPANY Q N QUINN #1		-91.0596	33.1496	104	SW/NE	18	15N	8W	OIL TEST. CASING SET TO 80 FEET.	107	120		-13	120	CCKF	130	175
151N0804	ROBERTSON AND TOLER SHUTT #1		-91.040466	33.113052	109	SW/SE	29	15N	8W	OIL TEST.	118							
151N0805	KINGWOOD RUCKER #1		-90.984789	33.110882	110	NE/NE	35	15N	8W	OIL TEST.	116							
151O0800	MURPHY-SUN OIL COMPANY WILSON #1		-90.9467	33.1587	115	SW/SW	8	15N	7W	OIL TEST. CASING SET TO 440 FEET.	117					CCKF		
151O0802	MURPHY-SUN LEE #1		-90.883868	33.14346	101	SE/SE	14	15N	7W	OIL TEST.	113							
151P0800	BROOKS AND ASSOCIATES #1 KEITH		-90.791918	33.150587	109	NE/NW	14	15N	6W	OIL TEST.	116							
151P0801	MOSES AND NEW H A TREADWAY #1		-90.8286	33.1183	104	SE/SW/NW	28	15N	6W	OIL TEST. CASING SET TO 330 FEET.	112							
151R0045	LAKE JACKSON WATER ASSOCIATION	12891	-91.0953	33.0933	115	IR/IR	14	14N	9W	CASING SET TO 110 FEET. BELIEVE THIS CONFIRMS DLOG BASE OF MRVA ABOUT 109 FEET'	115	109		6	109	CCKF	130	200
151R0089	BLACK BAYOU W A	16699	-91.09523	33.09365	110	IR/IR	14	14N	9W		110	95		15	95	CCKF	138	70
151R0800	PLACID OIL COOPER #1		-91.114143	33.044416	112	IR/IR	7	14N	9W	OIL TEST.	112							
151S0078	THOMPSON, NED		-91.0516	33.066	115	SE/NE/SE	16	14N	8W		115	98		17	98	CCKF	152	125
151S0088	MAHALITC, A G		-90.9834	33.0172	108	NE/NE/SE	35	14N	8W		108	144		-36	144	CCKF	280	80
151S0091	MAHALITC INC		-90.9633	33.02417	105	NE/NW/NW	31	14N	7W	A J MAHALITC	105	108		-3	108	CCKF	148	190
151S0094	ROSS, P		-91.0388	33.0179	110	SW/IR	9	14N	8W	CASING SET TO 53 FEET.	110	116		-6	116	CCKF	318	85
151S0114	YAZOO NATIONAL WILDLIFE REFUGEE		-90.9776	33.0716	111	NW/SE/SW	23	14N	8W		111	100		11	100	CCKF	165	95

WASHINGTON COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
151N0802	SANDY CLAY	10			120	-13	392	-285	503	-396	1195	-1088	1360	-1253	1382	-1275	1586	-1479
151N0804							436	-318	565	-447	1185	-1067	1395	-1277	1415	-1297	1625	-1507
151N0805													1347	-1231	1367	-1251	1565	-1449
151O0800									528	-411	1239	-1122	1405	-1288	1427	-1310	1650	-1533
151O0802													1284	-1171	1300	-1187	1510	-1397
151P0800											1075	-959	1272	-1156	1297	-1181	1535	-1419
151P0801							413	-301	519	-407	1067	-955	1258	-1146	1283	-1171	1503	-1391
151R0045	CLAY	21			109	6	466	-351	556	-441								
151R0089	SANDY CLAY	43			95	15	460	-350	542	-432								
151R0800											1241	-1129	1465	-1353	1482	-1370	1685	-1573
151S0078	CLAY AND SANDY CLAY	54			98	17	478	-363	569	-454								
151S0088	60' SANDY CLAY & 76' OF INTERBEDDED SAND & CLAY	136			144	-36	450	-342	552	-444								
151S0091	CLAY	40			108	-3	446	-341	534	-429								
151S0094	SANDY CLAY	202			116	-6	457	-347	553	-443								
151S0114	CLAY, SANDY CLAY, AND MINOR SAND	65			100	11	382	-271	483	-372								

YAZOO COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
163A0017	RENSHAW WATER ASSOCIATION INC	13011	-90.371208	32.929907	242	NW/NW/SE	35	13N	2W	IN BLUFF HILLS. CASED TO 30 FEET. UPPERMOST PART OF BOREHOLE COULD BE PARTIALLY JACKSON GROUP. CANNOT DETERMINE.	242							
163A0023	STRAIN, G C		-90.37925	32.986774	105	NW/SW	11	13N	2W	NO DLOG. CASED TO 140 FEET.	105							
163A0027	RODNEY HENDERSON FISH FARM		-90.373714	32.984535	105	NE/SE/SW	11	13N	2W	CASED TO 30 FEET. SUBDIVISIONS ON LOG ARE CONFUSING.	105	100		5	100	CCKF	275	70
163A0049	DEW, ED		-90.347344	32.999576	107	NE/SE/SE	1	13N	2W	NO DLOG OR WELL SCHEDULE. APPEARS TO BE CASED TO 20 FEET. POORLY DISPLAYED LOG. TOPS ARE QUESTIONABLE.	107	75		32	75	CCKF	175	55
163A0501	RAIBLE-THOMAS COKER #1		-90.357167	32.924607	226	SE/SW	36	13N	2W	OIL TEST. CASED TO 562 FEET.	226							
163A0800	NORTHERN ORDNANCE INC KOPPERS #1		-90.447382	32.997388	99	SW/SW	6	13N	2W	OIL TEST.	104							
163B0016	DEW, HERBERT		-90.33666	32.989606	104	SW/SW/NE	7	13N	1W	CASED TO 170 FEET.	104		Y			CCKF		
163B0028	DEW, E D		-90.302799	32.96244	220	NW/SW/NE	21	13N	1W	NO DLOG. APPEARS TO BE CASED TO 80 FEET.	220							
163B0800	EXCHANGE OIL #1 A E EDGAR		-90.310579	32.950127	257	NW/NW	28	13N	1W	OIL TEST.	267							
163E0017	HORTON, W L		-90.625808	32.8928	98	NW/NE/NE	17	12N	4W	NO DLOG. TOP AND BASE OF COOK MOUNTAIN ARE WELL DEFINED IN THIS WELL.	98	136		-38	136	JKSN	192	30
163E0018	LEVERETT, T J		-90.635	32.88861	101	SW/NW/SE/NW	17	12N	4W	CASED TO 120 FEET.	101					JKSN		
163E0027	LAKE CITY WATER ASSOCIATION INC	3806	-90.705355	32.841111	98	SE/NW/NW/SW	34	12N	5W	CASED TO 158 FEET.	98		Y			JKSN		
163E0500	THOMAS AND MORGAN CALLIE SMITH #1		-90.66493	32.869977	98	NE/SW	24	12N	5W	OIL TEST.	105							
163F0015	COKER, CHARLES		-90.483889	32.876389	103	NW/NW	23	12N	3W	NO DLOG. CASED TO 164 FEET.	103							
163F0016	COLEMAN, BILL		-90.452849	32.849309	100	NE/NE	36	12N	3W	NO DLOG. TOPSTRATUM APPEARS TO BE APPROXIMATELY 74 FEET OF CLAY. IN THE ABSENCE OF DLOG AND NO COMPELLING VARIATION OF CHARACTER OF SP OR RES CURVES WITH DEPTH, I HAVE TO CONCLUDE BASE OF MRVA AT 200 FEET IN THIS WELL.	100	200		-100	200	CCKF	240	40
163F0021	COLEMAN, SON		-90.469178	32.849848	100	NE/NE/NE	35	12N	3W		100	65		35	65	JKSN	163	40

YAZOO COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
163A0017							491	-249	710	-468								
163A0023							335	-230	574	-469	1126	-1021	1355	-1250	1380	-1275	1696	-1591
163A0027	INTERBEDDED SAND & CLAY & @40 FT INTERVAL OF CLAY	175			100	5	355	-250	596	-491								
163A0049	CLAY AND SAND	100			75	32	373	-266	563	-456								
163A0501									694	-468	1282	-1056	1502	-1276	1530	-1314	1843	-1617
163A0800											1200	-1096	1423	-1319	1442	-1338	1738	-1634
163B0016							343	-239	546	-442	1106	-1002						
163B0028							460	-240	672	-452								
163B0800									683	-416	1250	-983	1432	-1165	1452	-1185	1735	-1468
163E0017	ABOUT 56 FT OF YAZOO CLAY	56	136	-38	208	-110	618	-520	835	-737								
163E0018					180	-79	622	-521	818	-717								
163E0027					176	-78	570	-472	790	-692								
163E0500							600	-495	834	-729	1554	-1449	1772	-1667	1792	-1687	2005	-1900
163F0015							568	-465	732	-629	1424	-1321	1663	-1560	1690	-1587		
163F0016	MOSTLY CLAY W/SOME MINOR SAND BEDS	40			200	-100	590	-490	764	-664	1430	-1330	1645	-1545	1681	-1581	1946	-1846
163F0021	98 FT OF YAZOO CLAY	98	65	35	176	-76	630	-530	750	-650								

YAZOO COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
163F0023	HOLEMAN, LEWIS		-90.538179	32.90248	97	SE/SE/NE	7	12N	3W		97	119		-22	119	JKSN	138	30
163F0504	CARTER OIL COMPANY CARL DAY #1		-90.504981	32.906712	104	NE/NE	9	12N	3W	OIL TEST. VERY GOOD OLD-TIME ELOG.	116	152		-36	152	CCKF	170	80
163F0509	NORTHERN ORDNANCE REED SECURITIES #1		-90.53959	32.89249	104	NE/NE	18	12N	3W	OIL TEST.	104							
163G0077	YAZOO CITY, CITY OF	12664	-90.420278	32.84722	95	NW/SW/NE	32	12N	2W	POORLY DISPLAYED ELOG. BASED ON THIS ELOG AND CORRELATION WITH G0087 AND G0506, THE BASE OF MRVA IS PICKED AT 116 FEET.	95	116		-21	116	CCKF	135	55
163G0078	COKER, JOE		-90.39344	32.908379	105	NW/NE/NW	10	12N	2W	POOR QUALTIY ELOG.	105	138		-33	138	CCKF	220	80
163G0083	YAZOO CITY, CITY OF	12662	-90.411111	32.85972	100	NW/SW/SE/NW	28	12N	2W	NOT A GOOD ELOG.	100	122		-22	122	CCKF	130	25
163G0084	PETERMAN, W C		-90.386912	32.843028	280	NE/NW/SE	34	12N	2W	NO DLOG. POOR QUALTIY ELOG. WELL IS IN BLUFF HILLS. LOESS AT SURFACE UNDERLAIN BY TERRACE SAND AND GRAVEL.	280							

YAZOO COUNTY

FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
163F0023	19 FT OF YAZOO CLAY	19	119	-22	151	-54	634	-537	801	-704								
163F0504	SANDY CLAY AND SILT	18			152	-36	612	-496	784	-668	1459	-1334	1701	-1585	1730	-1614	1993	-1877
163F0509											1540	-1436	1755	-1651	1779	-1675	2050	-1946
163G0077	SAND AND CLAY	19			116	-121	462	-367	656	-561								
163G0078	CLAY AND POSSIBLY SOME SAND	82			138	-33	384	-279	618	-513								
163G0083	CLAY AND SAND	8			122	-22	460	-360	638	-538								
163G0084			64	216	260	20	684	-404	886	-606								

163G0087	STANDARD OIL BULK PLANT		-90.427256	32.862716	102	SW/NE/NW	29	12N	2W		102	120		-18	120	CCKF	135	85	163G0087	CLAY	15			120	-18	418	-316	640	-538									
163G0502	DON REESE CLARK #1		-90.427057	32.904515	107	SE/NW	8	12N	2W	OIL TEST.	107								163G0502									686	-579	1356	-1249	1585	-1478	1610	-1503	1906	-1799
163G0506	BILLUPS-DUFFIELD #1 J S WISE		-90.431244	32.851957	97	SW/SW	29	12N	2W	OIL TEST. VERY GOOD ELOG.	107	145		-38	145	CCKF	169	85	163G0506	SANDY CLAY	24			145	-38	485	-378	695	-588	1405	-1298	1618	-1511	1646	-1539	1929	-1822
163J0005	HOLLY BLUFF WATERWORKS INC	8274	-90.710529	32.82092	99	NW/NE/NE	9	11N	5W	CASED TO 316 FEET. GR LOG APPARENTLY RUN THRU CASING. LOOKS LIKE GR IS IN AGREEMENT WITH DLOG ABOUT BASE OF MRVA. SUBCROP DATA IS NOT USEABLE. LOWER PART OF LOG CORRELATES WITH NEARBY WELL E0027.	99	136		-37	136				163J0005							578	-479	821	-722								
163J0024	STONER, JOE		-90.699846	32.820787	95	NE/NE/NW	10	11N	5W		95	140		-45	140	JKSN	190	100	163J0024	50 FT OF YAZOO CLAY	50	140	-45	200	-105	642	-547	859	-764								
163J0503	BURKE, MORSE, AND BROADHEAD #1 MCGRAW-CURRAN		-90.560177	32.815827	93	SW/SW/NE	12	11N	4W	OIL TEST. CASED TO 443 FEET. VERY GOOD QUALITY ELOG.	100								163J0503							624	-524	874	-774	1589	-1489	1788	-1688	1820	-1720	2060	-1960
163J0506	LARCO		-90.568166	32.791015	94	NW/NW	24	11N	4W	OIL TEST.	103								163J0506													1804	-1701	1828	-1725	2080	-1977
163K0012	EAGLE BEND SOD FARM		-90.498134	32.796743	95	SE/SE/NW/SW	15	11N	3W	LOGGED AS CRAWFORD GRASS FARM	95	87		8	87	JKSN	280	50	163K0012	SAND AND CLAY	193	87	8	115	-20	513	-418	722	-627									
163K0026	PILLOW, DUDLEY		-90.485461	32.760311	100	SE/NE/NE	34	11N	3W		100	157		-57	157	CCKF	171	30	163K0026	SANDY CLAY	14			157	-57	403	-303	612	-512									
163K0038	LIGHTCAP, H B		-90.491484	32.812387	100	NW/SE	10	11N	3W	CASED TO 126 FEET.	100								163K0038							558	-458	760	-660								

YAZOO COUNTY

YAZOO COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK	FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
163K0039	PANTHER SWAMP		-90.51139	32.80722	102	NE/NE/NW	16	11N	3W	CASED TO 168 FEET.	102								163K0039							552	-450	760	-658								
163K0045	YOUNG, EDDIE		-90.462554	32.77748	280	NW/NE/NW	25	11N	3W	NO DLOG. IN BLUFF HILLS. TYPICAL LOESS AND PRE-LOESS TERRACE SEQUENCE AT SURFACE.	280								163K0045			89	191	242	38	656	-376	850	-570								
163K0501	BENKE, MORSE, AND BROADHEAD #1 JAMES A MCGRAW		-90.534072	32.81628	95	SW/NW	8	11N	3W	OIL TEST. CASED TO 300 FEET. GOOD QUALITY ELOG.	97								163K0501							639	-542	812	-715	1555	-1458	1775	-1678	1805	-1708	2050	-1953
163K0504	SLICK-URSCHEL MCGRAW#1		-90.465465	32.773157	260	SW/NW	25	11N	3W	OIL TEST.	274								163K0504									797	-523	1548	-1274	1778	-1504	1800	-1526	2020	-1746
163L0029	CENTRAL YAZOO WATER ASSOCIATION INC	12649	-90.415665	32.825191	330	NE/NE/SE/SE	5	11N	2W	IN BLUFF HILLS. LOESS AND PRE-LOESS TERRACE MATERIAL AT SURFACE.	330								163L0029			107	223	290	40	692	-362	903	-573								
163L0505	GEOCHEMICAL SURVEYS FRANCIS AND CALLIE HARDWICK #1		-90.426146	32.795137	129	SE/SW	17	11N	2W	OIL TEST.	140								163L0505									721	-581	1487	-1347	1701	-1561	1730	-1590	1972	-1832
163P0005	BURROUGH, TRACEY, JR		-90.618077	32.685016	95	SE/SW/NW	28	10N	4W	CASING SET TO 150 FEET. POOR QUALITY ELOG.	95					JKSN			163P0005	CLAY				422	-327												
163P0008	SINGLETARY, ARTHUR		-90.733809	32.740998	95	NE/NE/SW	5	10N	5W	NO DLOG. ELOG APPARENTLY INDICATES 2 CYCLES OF FLUVIAL DEPOSITION IN MRVA INTERVAL BASED ON CHARACTER OF SP AND RES CURVES.	95	159		-64	159	JKSN	315	32	163P0008	YAZOO CLAY	156	159	-64	334	-239	762	-667	980	-885								
163P0017	GRAY, BETTY		-90.651924	32.717562	96	SE/SE/NW/NW	18	10N	4W		96	140		-44	140	JKSN	410	26	163P0017	YAZOO CLAY	270	140	-44	426	-330												
163P0044	TRAMMILL, CLIFF		-90.657601	32.726254	96	NE/SE	12	10N	5W	NO DLOG. THERE IS A BREAK IN THE SP CURVE AT 92 FEET AND AT 100 FEET ON RES CURVE.	96	131	Y	-35	131	JKSN	412	25	163P0044	YAZOO CLAY	281	131	-36	430	-334	934	-838	1140	-1044								
163P0095	WOOD, VERNON		-90.57667	32.66917	105	NE/NW/NW/SE	35	10N	4W	NO DLOG OR WELL SCHEDULE. GR AND RES CURVES DO NOT CORRESPOND BETWEEN 100 AND 150 FEET. GR IS CONSISTENT AND WILL BE USED TO PICK TENTATIVE MRVA BASE.	105	102	Y	3	102	JKSN	370	25	163P0095	YAZOO CLAY	268	102	3	385	-280												
163P0500	SOUTHERN PRODUCTION COMPANY H T CARLEY #1		-90.619477	32.689731	98	NW/NW	28	10N	4W	OIL TEST. CASED TO 223 FEET. GOOD QUALITY ELOG.	111								163P0500					432	-321	973	-862	1170	-1059	1984	-1873	2193	-2082	2222	-2111	2475	-2364
163P0501	LARCO GOOCH BROTHERS LUMBER #1		-90.640552	32.667848	91	NE/SE	31	10N	4W	OIL TEST.	101								163P0501													2208	-2107	2228	-2127	2470	-2369
163P0503	GULF #1 W SATARTIA		-90.619188	32.66406	100	SW/SW	33	10N	4W	OIL TEST.	111								163P0503													2198	-2087	2220	-2109	2472	-2361
163P0504	PLYMOUTH OIL BRUCE #1		-90.67417	32.72215	97	SE/SE	11	10N	5W	OIL TEST.	103								163P0504											1950	-1847	2130	-2027	2158	-2055	2375	-2272

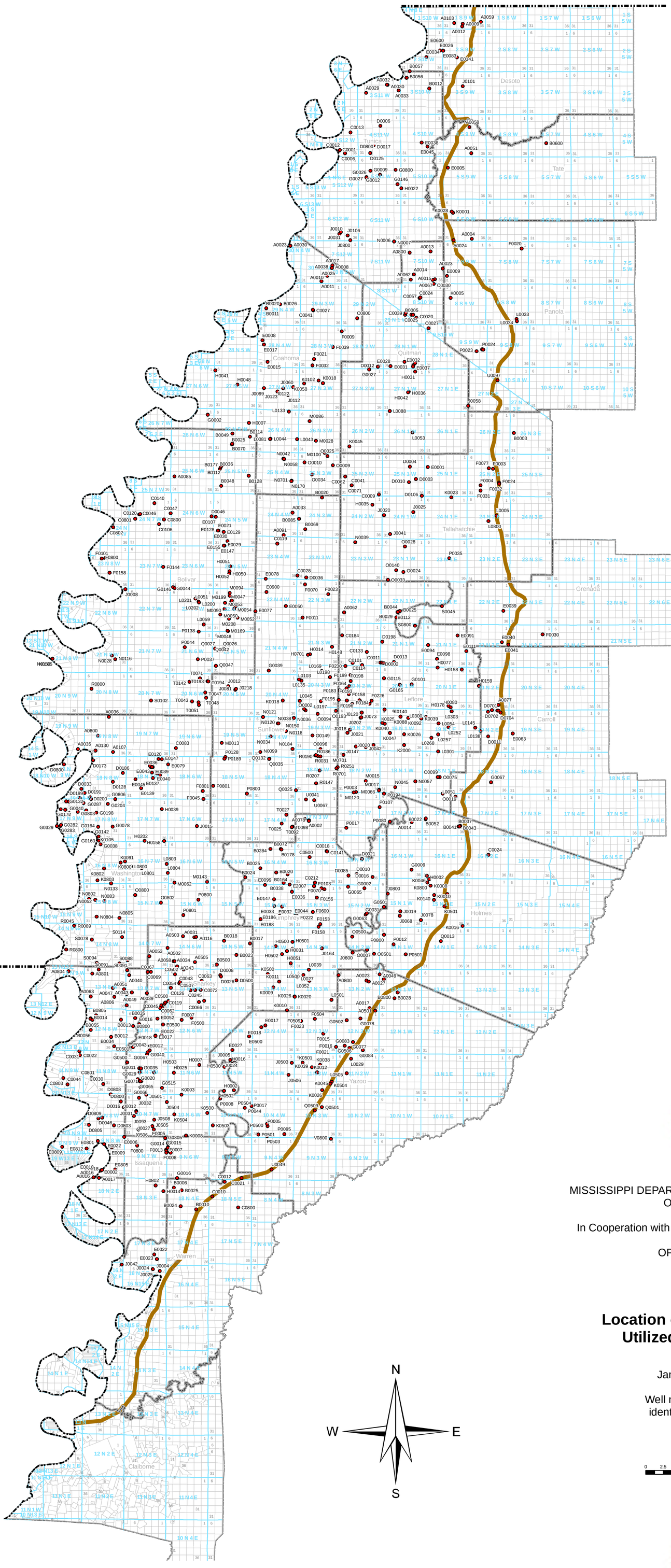
YAZOO COUNTY

FIP_WELL	OWNER	PERMIT # MS-GW-	LONG DD	LAT DD	GL	Q/Q	S	T	R	COMMENTS	LOG ELEV	MRVA BASE DEPTH	MRVA ?	MRVA BASE ELEV (MSL)	MRVA THICK	SUB-CROP	FIRST TERTIARY SAND DEPTH	FIRST TERTIARY SAND THICK
163Q0501	UNION PETTIGREW #1		-90.486025	32.724848	188	NE/SE	10	10N	3W	OIL TEST. IN THE BLUFF HILLS.	188							
163Q0509	KIRBY AND WOODLEY YAZOO COUNTY SCHOOL LAND #1		-90.503245	32.718218	295	NE/NE	16	10N	3W	OIL TEST. IN THE BLUFF HILLS.	322							
163U0049	BROWN, C W		-90.607238	32.595898	120	NE/SE	28	9N	4W	THIS WELL IS PROBABLY ON AN ALLUVIAL FAN. I AM CLASSIFYING THE MATERIAL AS MRVA ALTHOUGH IT IS NOT TYPICAL MRVA LITHOLOGY.	120	68		52	68	JKSN	511	70
163V0800	SOHIO PETROLEUM COMPANY J O MARTIN #8		-90.463312	32.659935	261	NW/NW	1	9N	3W	OIL TEST. CASED TO 181 FEET. THIS WELL IS NOT IN THE O & G BOARD DATABASE. LOG IS HARD TO READ, SO LOCATION IS A BIT OPEN TO QUESTION	295							

YAZOO COUNTY

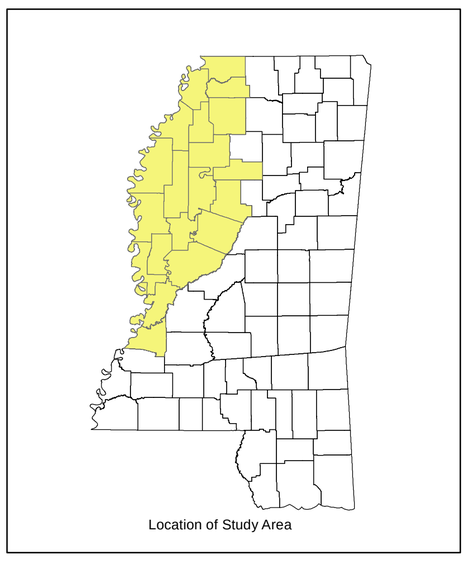
FIP_WELL	CONF. TYPE	CONF. THICKNESS	TOP JKSN	TOP JKSN MSL	TOP CCKF	TOP CCKF MSL	TOP CKMN	TOP CKMN MSL	TOP SPRT	TOP SPRT MSL	TOP ZILF	TOP ZILF MSL	TOP WNON	TOP WNON MSL	TOP TLLT	TOP TLLT MSL	TOP MUWX	TOP MUWX MSL
163Q0501													1560	-1372	1572	-1384	1752	-1564
163Q0509													1823	-1501	1844	-1522	2036	-1714
163U0049	YAZOO CLAY	443	68	52	522	-454	988	-920	1232	-1164								
163V0800					306	-11	692	-397	890	-595	1610	-1315	1810	-1515	1842	-1547	2012	-1717

TENNESSEE



ARKANSAS

LOUISIANA



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY

In Cooperation with the Office of Land and Water Resources

OPEN-FILE REPORT 291

Plate 1

Location of Wells and Boreholes Utilized as Sources of Data

by
James H. Hoffmann, RPG

Well number at each data point identified with black numerals

September 2017

0 2.5 5 10 15 20 Miles

Scale 1:500,500

REGISTERED PROFESSIONAL GEOLOGIST
MS
0257
JAMES H. HOFFMANN

James H. Hoffmann
Septermber 29, 2017

This map produced by the Department of Environmental Quality (DEQ), Office of Land & Water Resources, Water Resources Management Division on August 22, 2016.
All map data is from the Mississippi Automated Resource Information System (MARIS), and MDEQ.
Map Projection: Mississippi Transverse Mercator
The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.
Due to the interpretive nature and generalized scope of this document, information presented herein should not be considered a substitute for the collection of site-specific data.
The accuracy and completeness of some source data used in the preparation of this document cannot be warranted.
For these reasons, this document should be regarded as a guide to be used for general planning purposes only.

Thickness of the Mississippi River Valley Alluvium

- Greater than 200 feet
- 150 to 200 feet
- 100 to 150 feet
- 50 to 100 feet
- 0 to 50 feet

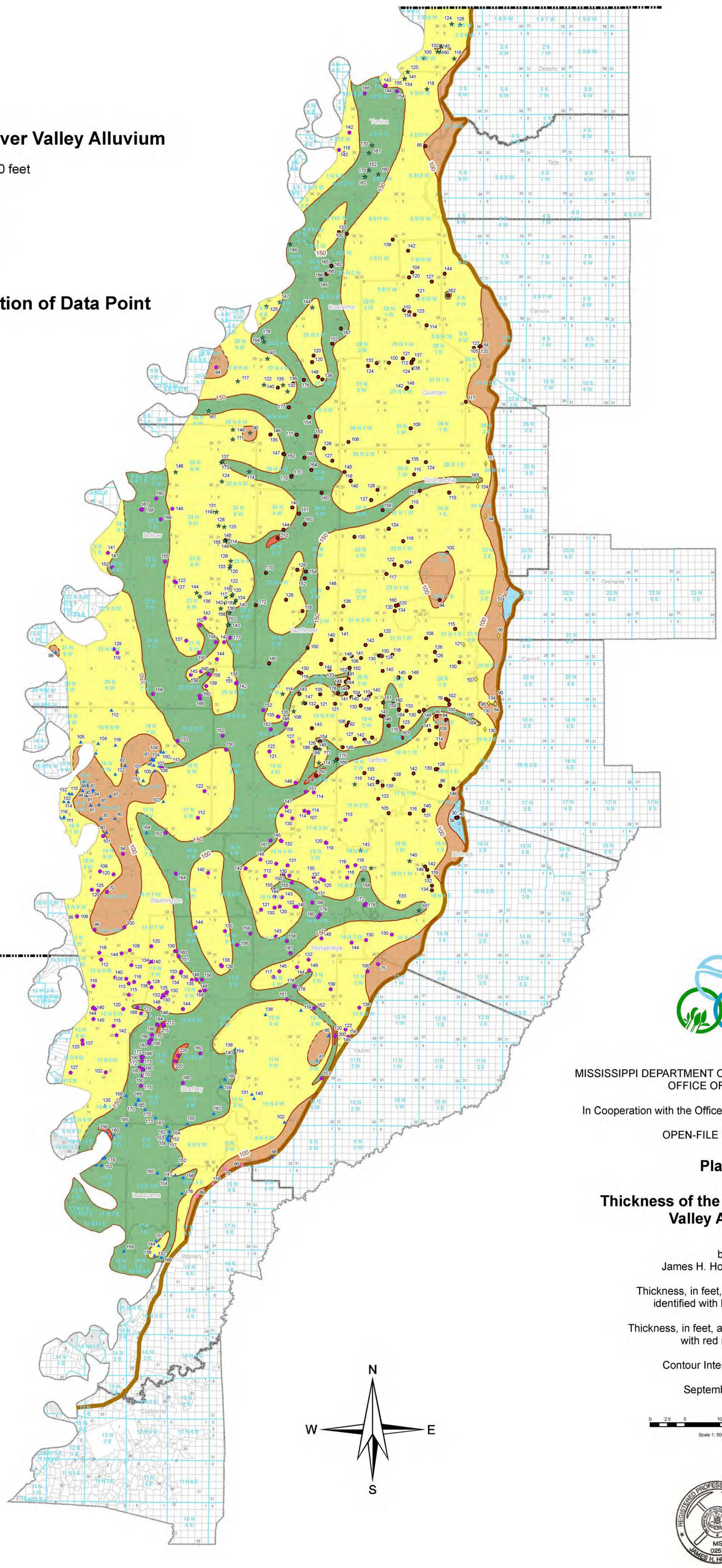
Subcropping Formation at Location of Data Point

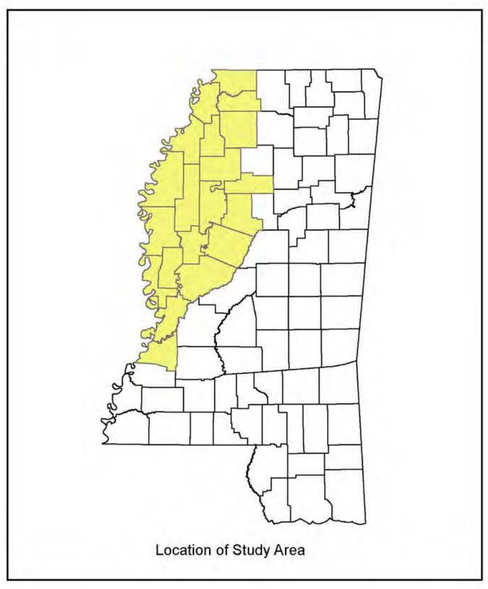
- Forest Hill
- Jackson Group
- Cockfield
- Cook Mountain
- Sparta
- Zilpha

TENNESSEE

ARKANSAS

LOUISIANA





N
W
E
S

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY

In Cooperation with the Office of Land and Water Resources

OPEN-FILE REPORT 291

Plate 2

Thickness of the Mississippi River Valley Alluvium

by
James H. Hoffmann, RPG

Thickness, in feet, at each data point identified with black numerals

Thickness, in feet, at contours identified with red numerals

Contour Interval: 50 Feet

September 2017

0 2.5 5 10 15 20 Miles
Scale 1: 500,500

REGISTERED PROFESSIONAL GEOLOGIST
MS 0257
JAMES H. HOFFMANN

James H. Hoffmann
Septermber 29, 2017

This map produced by the Department of Environmental Quality (DEQ), Office of Land & Water Resources, Water Resources Management Division on August 22, 2016.
All map data is from the Mississippi Automated Resource Information System (MARIS), and MDEQ.
Map Projection: Mississippi Transverse Mercator
The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.
Due to the interpretive nature and generalized scope of this document, information presented herein should not be considered a substitute for the collection of site-specific data.
The accuracy and completeness of some source data used in the preparation of this document cannot be warranted.
For these reasons, this document should be regarded as a guide to be used for general planning purposes only.

Thickness of Interval Separating Base of MRVA from Top of the Uppermost Significant Tertiary Sand

- Generally 100 feet or Greater
- Generally 20 to 100 feet
- Generally 0 to 20 feet
- No Data

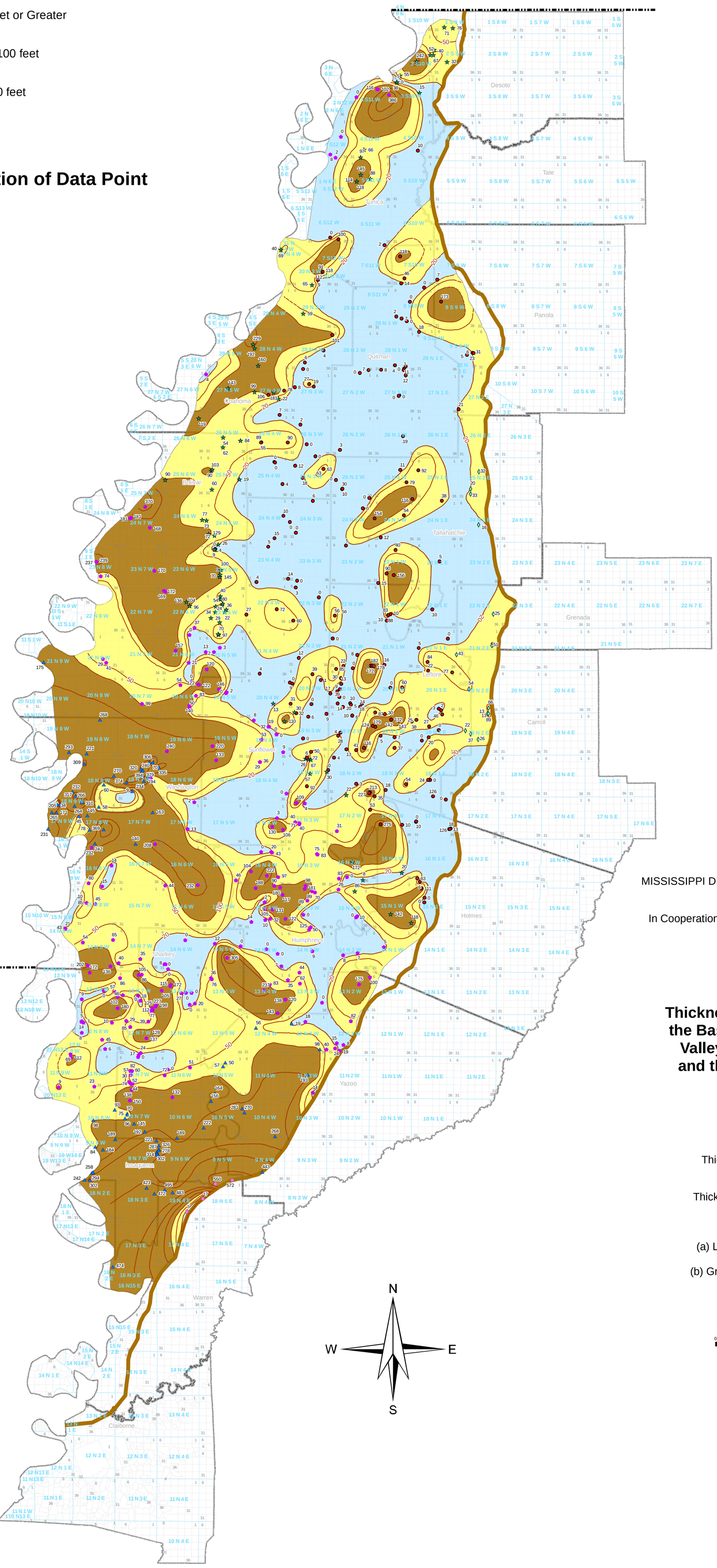
Subcropping Formation at Location of Data Point

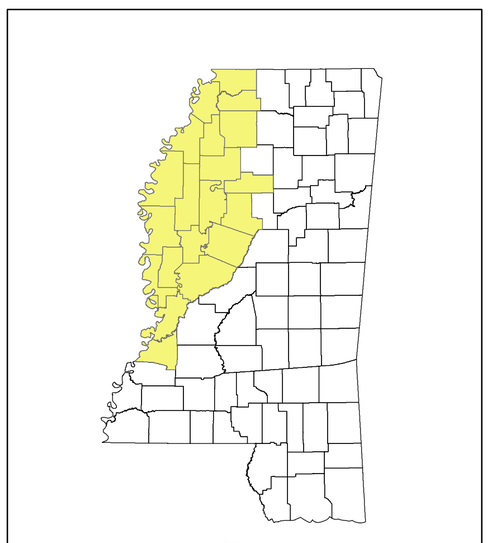
- Forest Hill
- Jackson Group
- Cockfield
- Cook Mountain
- Sparta
- Zilpha

TENNESSEE

ARKANSAS

LOUISIANA





Location of Study Area

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY

In Cooperation with the Office of Land and Water Resources

OPEN-FILE REPORT 291

Plate 3

Thickness of the Interval Between the Base of the Mississippi River Valley Alluvial Aquifer (MRVA) and the Top of the Uppermost Tertiary Sand

by
James H. Hoffmann, RPG

Thickness, in feet, at each data point identified with black numerals

Thickness, in feet, at contours identified with red numerals

Contour Interval Varies:
(a) Less than 100 feet, contours are 20 feet and 50 feet
(b) Greater than 100 feet, contour interval is 100 feet

September 2017

0 2.5 5 10 15 20 Miles

Scale 1: 500,500

REGISTERED PROFESSIONAL GEOLOGIST
MS 0257
JAMES H. HOFFMANN

James H. Hoffmann
Septermber 29, 2017

This map produced by the Department of Environmental Quality (DEQ), Office of Land & Water Resources, Water Resources Management Division on August 22, 2016.
All map data is from the Mississippi Automated Resource Information System (MARIS), and MDEQ.
Map Projection: Mississippi Transverse Mercator

The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.
Due to the interpretive nature and generalized scope of this document, information presented herein should not be considered a substitute for the collection of site-specific data.
The accuracy and completeness of some source data used in the preparation of this document cannot be warranted.
For these reasons, this document should be regarded as a guide to be used for general planning purposes only.

Elevation of the Tertiary Surface, in Feet, Relative to Mean Sea Level

- Generally +100 Feet or Greater
- Generally +50 Feet to +100 Feet
- Generally 0 Feet to +50 Feet
- Generally 0 Feet to -50 Feet
- Generally -50 Feet to -100 Feet
- Generally -100 Feet or Below
- No Data

Subcropping Formation at Location of Data Point

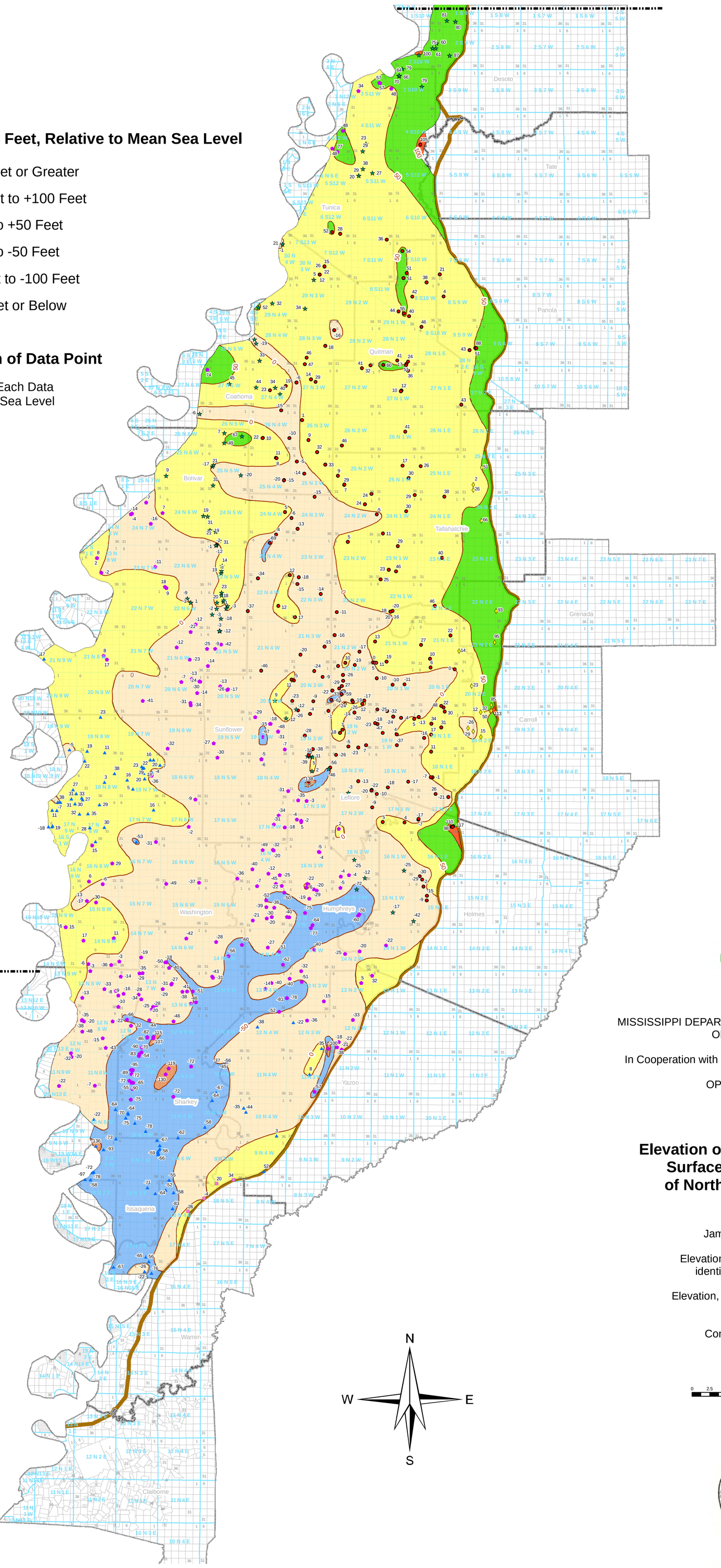
Elevation of Top of Tertiary Surface at Each Data Point in Feet Above or Below (-) Mean Sea Level

- Forest Hill
- Jackson Group
- Cockfield
- Cook Mountain
- Sparta
- Zilpha

TENNESSEE

ARKANSAS

LOUISIANA



Location of Study Area

N
W E
S

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
OFFICE OF GEOLOGY

In Cooperation with the Office of Land and Water Resources

OPEN-FILE REPORT 291

Plate 4

Elevation of the Top of the Tertiary Surface in the Alluvial Plain of Northwestern Mississippi

by
James H. Hoffmann, RPG

Elevation, in feet, at each data point identified with black numerals

Elevation, in feet, at contours identified with red numerals

Contour Interval: 50 Feet

September 2017

0 2.5 5 10 15 20 Miles

Scale 1: 500,500

REGISTERED PROFESSIONAL GEOLOGIST
MS 0257
JAMES H. HOFFMANN

James H. Hoffmann
Septermber 29, 2017

This map produced by the Department of Environmental Quality (DEQ), Office of Land & Water Resources, Water Resources Management Division on August 22, 2016.
All map data is from the Mississippi Automated Resource Information System (MARIS), and MDEQ.
Map Projection: Mississippi Transverse Mercator
The Mississippi Department of Environmental Quality makes no warranties, expressed or implied, as to the accuracy, completeness, currentness, reliability, or suitability for any particular purpose, of the data contained on this map.
Due to the interpretive nature and generalized scope of this document, information presented herein should not be considered a substitute for the collection of site-specific data.
The accuracy and completeness of some source data used in the preparation of this document cannot be warranted.
For these reasons, this document should be regarded as a guide to be used for general planning purposes only.