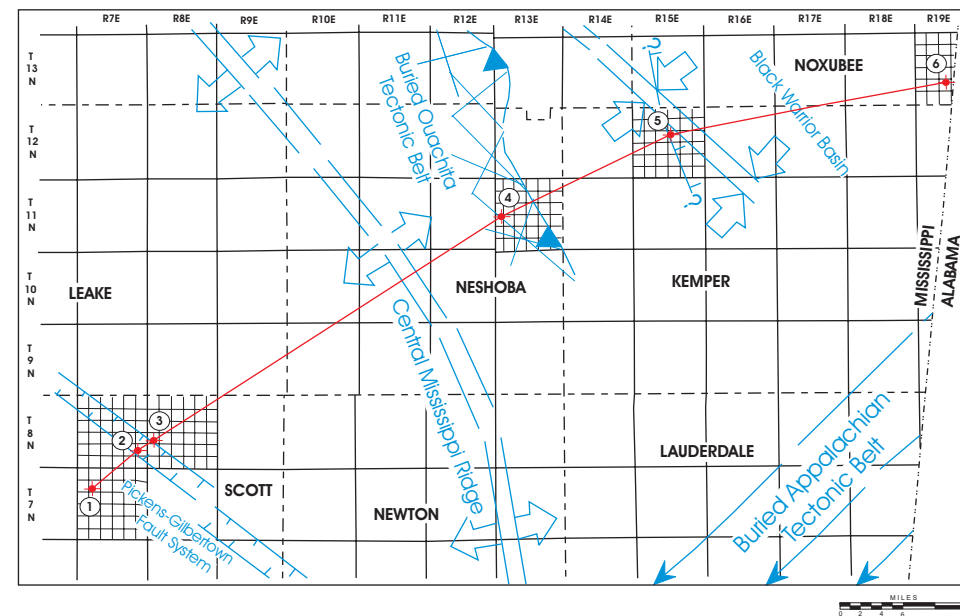


LOCATION INDEX MAP

	SYSTEM	SERIES	GROUP	FORMATION	
MESOZOIC	CRETACEOUS				
	JURASSIC				
	PERMIAN	ABSENT			
PALEOZOIC	PENNSYLVANIAN		UNDIFFERENTIATED		
	MISSISSIPPIAN	CHESTERIAN		UNDIFFERENTIATED	
		MERAMECIAN			
		OSAGEAN		UNDIFFERENTIATED	
	DEVONIAN	KINDERHOOKIAN		CHATTANOOGA SHALE	
		BRADFORDIAN	CONEWANGO		
	SILURIAN	ULSTERIAN	HELDERBURG	LINDEN	"DEVONIAN CHERT"
		NIAGRAN			UNDIFFERENTIATED
	ORDOVICIAN	CHAM-PLAINIAN	TRENTON		UNDIFFERENTIATED
			BLACK RIVER		
CANADIAN			KNOX	KNOX DOLOMITE COPPER RIDGE DOLOMITE	
CAMBRIAN	UPPER				
	MIDDLE		CONASAUGA	CONASAUGA UNDIFFERENTIATED	
	LOWER			ROME FORMATION SHADY DOLOMITE WEISNER QUARTZITE	
	PRECAMBRIAN BASEMENT - GRANITE				

STRATIGRAPHIC COLUMN



DETAILED LOCATION MAP

**STRUCTURAL CROSS-SECTION I
OUACHITA TREND**

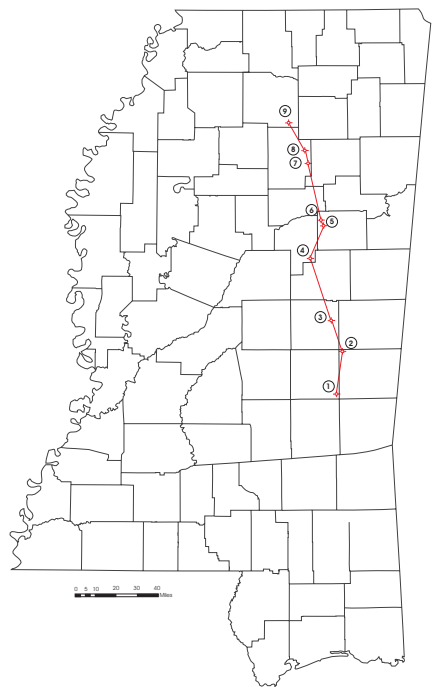
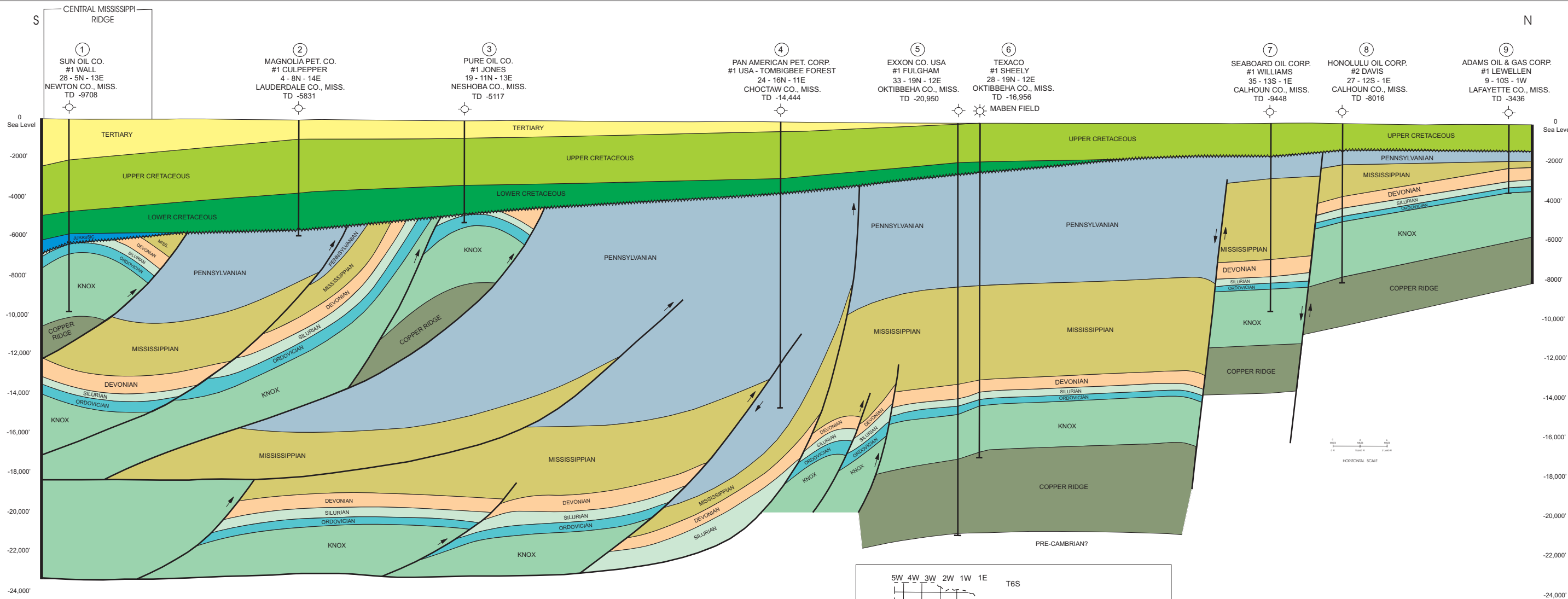
SCOTT, NESHOPA, KEMPER
& NOXUBEE CO.'S., MISS.

Geology by
Dora Devery & David E. Thompson, RPG
Office of Geology, Mississippi Department of Environmental Quality

May 2009

DATUM: SEA LEVEL

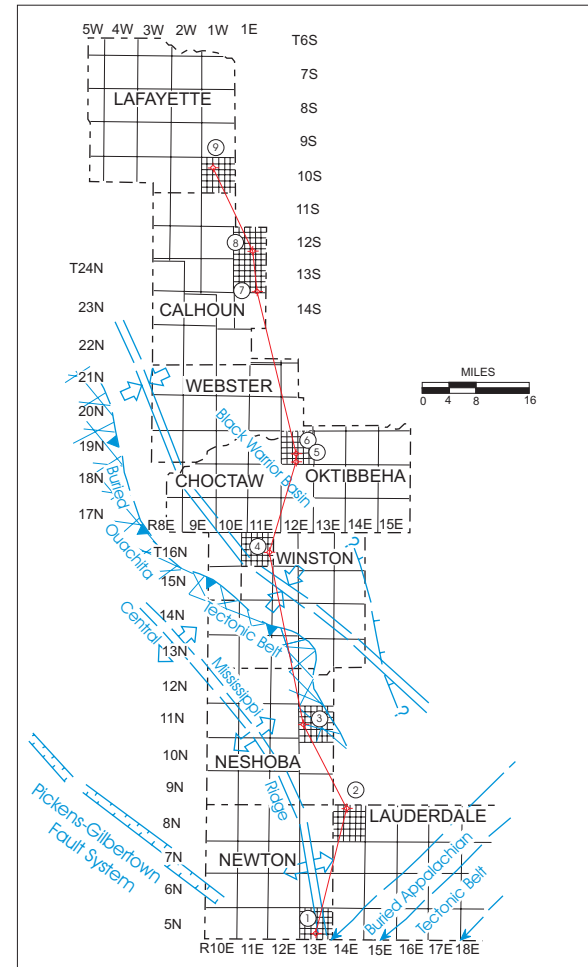
Modified from internal file, Placid Oil Company,
Jackson District, August 1981
(D. Devery & R. Timbes)



LOCATION INDEX MAP

	SYSTEM	SERIES	GROUP	FORMATION	
MESOZOIC	CRETACEOUS				
	JURASSIC				
	PERMIAN	ABSENT			
PALEOZOIC	PENNSYLVANIAN		UNDIFFERENTIATED		
		CHESTERIAN	UNDIFFERENTIATED		
	MISSISSIPPIAN	MERAMECIAN			
		OSAGEAN			
		KINDERHOOKIAN		CHATTANOOGA SHALE	
	DEVONIAN	BRADFORDIAN	CONEWANGO		
		ULSTERIAN	HELDERBURG	LINDEN	"DEVONIAN CHERT"
	SILURIAN	NIAGRAN		UNDIFFERENTIATED	
	ORDOVICIAN	CHAM-PLAINIAN	TRENTON		
			BLACK RIVER		
CANADIAN			KNOX	KNOX DOLOMITE COPPER RIDGE DOLOMITE	
CAMBRIAN	UPPER				
	MIDDLE		CONASAUGA	CONASAUGA UNDIFFERENTIATED ROME FORMATION SHADY DOLOMITE WEISNER QUARTZITE	
	LOWER				
	PRECAMBRIAN BASEMENT - GRANITE				

STRATIGRAPHIC COLUMN



DETAILED LOCATION MAP

**STRUCTURAL CROSS-SECTION II
OUACHITA TREND**

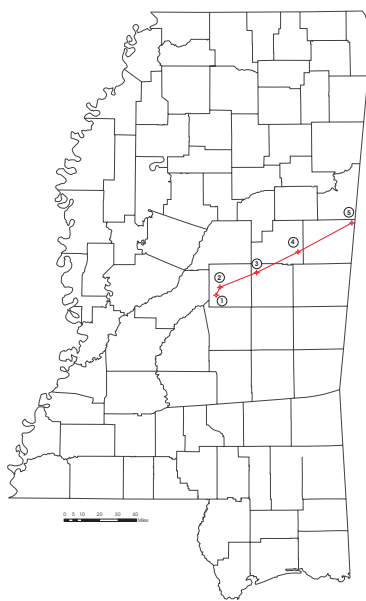
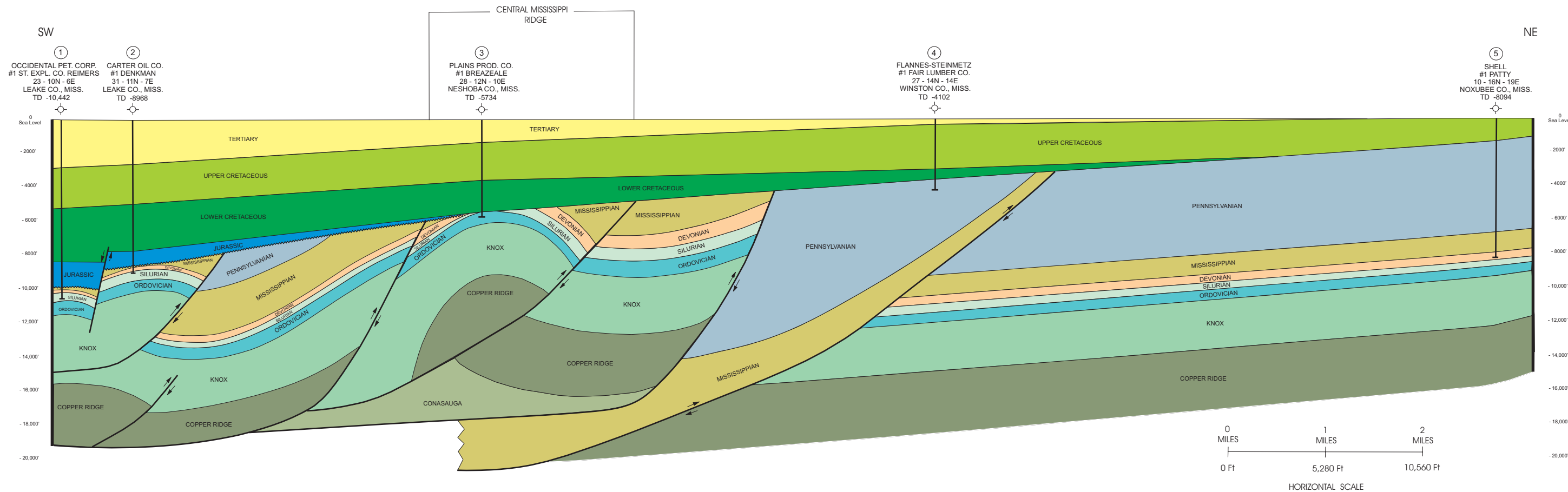
NEWTON, LAUDERDALE, NESHOBA, CHOCTAW
OKTIBBEHA, CALHOUN & LAFAYETTE CO.'S., MISS.

Geology by
Dora Devery & David E. Thompson, RPG
Office of Geology, Mississippi Department of Environmental Quality

May 2009

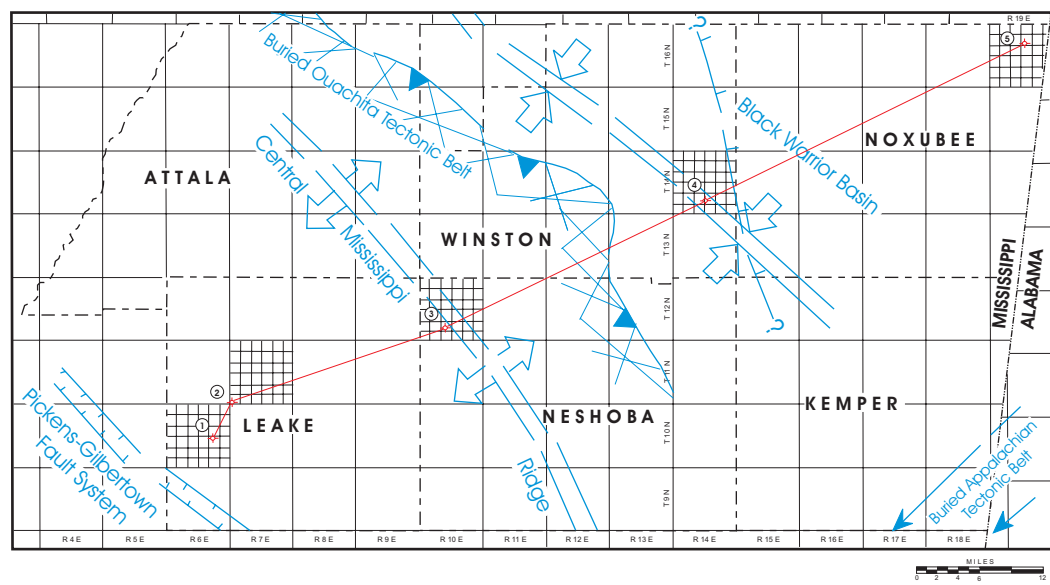
DATUM: SEA LEVEL

Modified from internal file, Placid Oil Company,
Jackson District, November 1981
(D. Devery & H. Wise)



	SYSTEM	SERIES	GROUP	FORMATION
MESOZOIC	CRETACEOUS			
	JURASSIC			
PALEOZOIC	PERMIAN	ABSENT		
	PENNSYLVANIAN		UNDIFFERENTIATED	
		CHESTERIAN	UNDIFFERENTIATED	
	MISSISSIPPIAN	MERAMECIAN	UNDIFFERENTIATED	
		OSAGEAN	UNDIFFERENTIATED	
		KINDERHOOKIAN	CHATTANOOGA SHALE	
	DEVONIAN	BRADFORDIAN	CONEWANGO	
		ULSTERIAN	HELDERBURG	LINDEN "DEVONIAN CHERT"
	SILURIAN	NIAGRAN	UNDIFFERENTIATED	
	ORDOVICIAN	CHAM-PLAINIAN	TRENTON	UNDIFFERENTIATED
BLACK RIVER				
CAMBRIAN	CANADIAN	KNOX	KNOX DOLOMITE	
	UPPER		COPPER RIDGE DOLOMITE	
	MIDDLE	CONASAUGA	CONASAUGA UNDIFFERENTIATED	
	LOWER		ROME FORMATION	
			SHADY DOLOMITE	
			WEISNER QUARTZITE	
			PRECAMBRIAN BASEMENT - GRANITE	

STRATIGRAPHIC COLUMN



DETAILED LOCATION MAP

STRUCTURAL CROSS-SECTION III
OUACHITA TREND
 LEAKE, NESHOBA, WINSTON,
 & NOXUBEE CO.'S., MISS.

Geology by
 Dora Devery & David E. Thompson, RPG
 Office of Geology, Mississippi Department of Environmental Quality
 May 2009

DATUM: SEA LEVEL

Modified from internal file, Placid Oil Company,
 Jackson District, November 1981
 (D. Devery & H. Wise)