SIGNIFICANT OIL AND GAS POOLS AND FORMATIONS OF MISSISSIPPI

MISSISSIPPI OFFICE OF GEOLOGY

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ERATHEM	SYSTEM	SERIES		GROUP	SIGNIFICANT PRODUCING AND NONPRODUCING FORMATIONS (Number of Fields)	PRODUCING ZONES OR POOLS	RESERVOIR LITHOLOGY	TYPE FIELD
CENOZOIC	QUATERNARY	Holocene						
		Pleistocene				*nonproductive to date*		
	TERTIARY	Pliocene						
		Miocene						
		Oligocene	Upper		Frio (15)	Frio Gas		White Castle
						Frio "C"		Independence
			Lower	Vicksburg		*nonproductive to date*		
		Eocene	Upper	Jackson		*nonproductive to date*		
			Middle	Claiborne	Cockfield (2)	Cockfield		Bruinsburg
					Sparta (26)	Sparta		Stanton
					Zilpha (1)	Zilpha		Kings
			Lower	Wilcox	Wilcox (362)	Wilcox		Cranfield
						numerous localized reservoir names		
		Paleocene		Midway	Clayton (1)	Clayton		Camp Shelby
MESOZOIC	CRETACEOUS	Upper	Gulfian	Selma	Selma Chalk (18)	Selma Chalk		Jackson
						Gas Rock		Cary
						Woodruff		Tinsley
				Eutaw	Eutaw (41)	Eutaw		Tinsley
						Brumfield		Tinsley
						Christmas		SoSo
						City Bank		Sharon
						Gholar		Gwinville
						Hiwanee		Chaparral
						Kirby		Avera
						Masonite		Heidelberg
						McGraw		TInsley
						Morrison		Sharon
						Perry		Tinsley
						Powell		Tinsley
						Stanley		SoSo
						Stevens		Tinsley
					Eagle Ford (2)	Wilburn		Pickens
						Eagleford		Baxterville
				Tuscaloosa	Upper Tuscaloosa (15)	Upper Tuscaloosa		Gwinville
					Middle Tuscaloosa Marine Shale	*nonproductive to date*		
					Lower Tuscaloosa (156)	Lower Tuscaloosa		Cranfield
						Stringer Sands		
						"A" Sand		Liberty
						"B" Sand		Liberty
						Arrington		Brookhaven
						Case		Brookhaven
						Denkman		Little Creek
						Dykes		Smithdale
						Main		Mallalieu
						McComb		McComb
						Pilot		Brookhaven
						Rollins		Little Creek
						Smith		Brookhaven
						Massive		Brookhaven
		Lower	Comanchean	Washita — Fredericksburg	Dantzler (5)	Dantzler		W. Pistol Ridge
					Washita — Fredericksburg (42)	Washita—Fredericksburg		Thompson's Crk.
						Cuevas		Ansley
						Merit—Kennedy		Puckett
				Trinity	Paluxy (56)	Paluxy		Bolton
						Dorward		Bolton
						Gammill		Pistol Ridge
						McAlpin		Waveland
				Glen Rose Sub-group	Mooringsport (34)	Mooringsport		Valley Park
					Ferry Lake Anhydrite (1)	Ferry Lake Anhydrite		Merit
					Rodessa (78)	Rodessa		Martinville
						Cox		Merit
						Harrington		Verba
						Peacock		Merit
						Rodessa "A"		West Raymond
						Rodessa "B"		West Raymond
						Ware		Oak Grove
					James (4)	James Ls		W. Oakvale
					Pine Island (7)	Pine Island		Pool Creek
			Coahuilan		Sligo (50)	Sligo		Bolton
						Bailey		SoSo
						Barnes		W. Oakvale
						Jennings		Martinville
						Sullivan		Martinville
					Hosston (81)	Hosston		Diamond
						Booth		Bassfield
						Diffrient		Holiday Creek
						Fleming		Cistercian
						Forbes		W. Sandy Hook
						Harper		Cistercian
						Harrington		Holiday Creek
						Hatton		Newsom
						Ivy		Black Creek
						Josephine		Magee
						Kelly		Seminary
						Lavon		Grange
						Sinclair		Carson
						Steele		Bassfield
	JURASSIC	Upper		Cotton Valley	Cotton Valley (43)	Cotton Valley		SoSo
						Bay Springs Sand		Bay Springs
				Louark	Haynesville (4)	Haynesville		Boykin Church
						"A" Lime		Morton
					Buckner (11)	Buckner (Hardin Lime)		W. Paulding
					Smackover (78)	Smackover		Tinsley
						Smackover A,B,&C		E. Tallahala Crk.
						Upper Smackover		Lake Utopia
						Lower Smackover		Lake Utopia
						Smackover Lime		Loring
						Smackover Sand		Johns
					Norphlet (14)	Norphlet (Denkman)		Pelahatchie
		Lower			Louann Salt	*nonproductive to date*		
	TRIASSIC				Eagle Mills			
PALEOZOIC	PERMIAN (Absent)							
	PENNSYLVANIAN				Pottsville (5)	Nason		Corinne
						Nevins		McKinley Creek
	MISSISSIPPIAN	Chesterian			Parkwood — Pennington (69)	Buskirk		Corinne
						Gilmer		Corinne
						Walker		Maple Branch
						Millerella		Greenwood Springs
						Carter		Amory
						Sanders		Thorn
						Abernathy		Reid
						Rea		Matubby Creek
					Pride Mountain (45)	Evans		Coleville
						Lewis		McKinley Creek
	DEVONIAN			Harriman	Devonian (1)	Devonian Porosity		McKinley Creek
	SILURIAN			Niagaran		*nonproductive to date*		
	ORDOVICIAN			Stones River	Stones River Dolostone (2)	"Knox—Ordovician" (Snow Zone)		Maben
								New Hope
	CAMBRIAN			Knox		*nonproductive to date*		
PRECAMBRIAN BASEMENT								

***KEY** — The first production for a particular producing pool is listed first along with the field in which this production was first established. Additional producing zones are listed in alphabetical order.*

Note — The above names of producing units have been used in order to complement production reports published by the Mississippi State Oil & Gas Board. In some cases those published names may not agree with the correlations of the Mississippi Office of Geology.