

AGE	NSR ZONES	TAXA IN RASC ZONAL MODEL	TAXA OCCURRING IN FEW WELLS ONLY
Pleistocene	NSR 13	Elphidium clavatum Elphidium spp. Cassidulina teretis Cibicides scaldsiensis Bulimina marginata Neogloboquadrina pachyderma	Nonionella labradoricum
Late Pliocene	NSR 12B	Buccella frigida Cibicides grossa Ammonia beccarii	
	NSR 12A	Trifarina fluens ** Monspellensis pseudotepida Globorotalia inflata Cibicides dutemplei Cibicides grossa LCO Sigmilopsis schlumbergeri Cibicides pachyderma	Planulina ariminensis Hyalinea balthica Nonion affine LCO Globorotalia bulloides LCO Cibicides scaldsiensis LCO Neogloboquadrina pachyderma (non-rugose, right colling)
Early Pliocene	NSR 11	Neogloboquadrina atlantica Globorotalia punctulata	Globorotalia crassaformis Neogloboquadrina humerosa Neogloboquadrina humerosa - acostaensis Globigerina apertura Orbulina universa
Late Miocene (pars.)	NSR 10	Neogloboquadrina acostaensis ** Bolboforma spiralis ** Bolboforma metzmacheri Globoquadrina venezuelana	
early Late Miocene to late Middle Miocene	NSR 9B	<i>Sumatradinium</i> spp. Radiolarians/diatoms flood ** Siphonina advena Martinoliella cylindrica NS Log G Ehrenbergina variabilis <i>Cannosphaeropsis utinensis</i>	Alabama scitula <i>Unipontidinium aquaeductum</i> <i>Palaeocystodinium</i> sp. A Costa & Downie Bolboforma reticulata Bolboforma fragori
early Middle Miocene to late Early Miocene	NSR 9A	Uvigerina ex. gr. semiornata Globigerinoides trilobus Caucasina elongata ** Sphaeroidinella disjuncta Globigerina praebuloides Neogloboquadrina continuosa Globorotalia ex. gr. praescitula zealandica	Globoquadrina dehiscens coarse agglutinated benthics (Central Graben only) Globorotalia praemenardii Orbulina suturalis
Early Miocene	NSR 8B	flat rads + sponge spicules Asterigerina gurichi Catapsydrax unicavus	Catapsydrax aff. dissimilis Globoquadrina praedehiscens Dentoglobigerina baroemoensis Uvigerina ex. gr. basicordata
Late Oligocene (Chattian)	NSR 8A	** <i>Chiropteridium mesplanum</i> <i>Deflandrea phosphorica</i> Tenuitella angustiumbilicata	Globigerina officinalis group Almaena osnabrugensis Emslandia emslandensis Coscinodiscus sp. 4 King Globigerina ciperensis
Early Chattian to Early Oligocene (Rupelian)	NSR 7B	** <i>Rhomboideum draco</i> Gyroidina girardana coarse agglutinated spp. Cyclammina placenta <i>Areosphaeridium arcuatum</i> <i>Areoligera semicirculata</i> <i>Wetzeliella symmetrica</i> ** <i>Svalbardella cooksoniae</i> Spirosigmolinella compressa Turritina alsatica ** <i>Spiniferites</i> sp. 1 Manum & al.	<i>Homotryblum floripes</i> Cibicides mexicanus <i>Wetzeliella gochti</i>
	NSR 7A	Aschemonella grandis Cyclammina rotundiorata Rotulatia bulmoides Karrerella horrida Ammodiscus latus Glomospirella biedae Adercotryma agterbergi Reophax elongatus Haplophragmoides walteri Dorothia seigliei	<i>Reticulatosphaera actinocoronata</i> FO <i>Areoligera semicirculata</i> FO + LCO <i>Chiropteridium lobospinosum</i> FO Reticulophragmium amplexens var. Haplophragmoides walteri var. Globorotalia increbescens "Globorotalia" ampliapertura
Late Eocene (Priabonian)	NSR 6B		Globorotalia cerroazulensis Turborotalia pomeroli Globigerina linaperta
late Middle Eocene (Bartonian)	NSR 6A	NS Log F <i>Heteraulacacysta porosa</i> ** Globigerapsis index <i>Areosphaeridium diktyoplokus</i> Recurvodes ex. gr. walteri Reticulophragmium amplexens Ammosphaeroidina pseudopauciloculata <i>Rotnestia borussica</i>	Cibicides truncanus Marginulopsis decorata <i>Operculodinium tiara</i> <i>Conrodinium incompositum</i> <i>Diphyes colligerum</i>
early Middle Eocene to late Early Eocene	NSR 5B	Spiroplectammina spectabilis LO Ammomarginulina aubertae <i>Diphyes ficusoides</i> Haplophragmoides kirki	
	NSR 5A	Karrerella conversa Reticulophragmium intermedia <i>Eatonicysta ursulae</i> NS Log E Spiroplectammina navaroana ** Acarinina pentacamerata Recurvoidella lamella ** <i>Eatonicysta ursulae</i> LCO	<i>Phthanoperidinium echinatum</i> LCO <i>Systematophora placacantha</i> LCO <i>Dracodinium pachydermum</i> LCO + LO <i>Areoligera</i> spp. LCO Turritina robertsi <i>Charlesdowniea columna</i> Karrerella coniformis
Early Eocene (Ypresian)	NSR 4	** Planorotalites planoconicus Subbotina patagonica	Acarinina densa Reticulophragmium intermedia FO Cyclammina placenta FO Acarinina pseudotopilensis <i>Glaphyrocysta ordinata</i> LCO Planorotalites australiformis Morozovella formosa gracilis Acarinina soldadoensis Bulimina trigonalis
earliest Eocene	NSR 3	<i>Deflandrea oebisfeldensis</i> Tuff ** <i>Deflandrea oebisfeldensis</i> LCO Coscinodiscus spp. NS Log D	<i>Inaperturopollenites</i> (acme) Glomospirella irregularis
Late Palaeocene (Selandian)	NSR 2B	NS Log C Cystammina aff. globigerinaeformis <i>Apectodinium augustum</i> Trochaminoides coronatus ** Cenosphaera sp. (disc or flat) Reticulophragmium paupera Rzehakina minima ** <i>Alisocysta margarita</i> Hormosina excelsa Spiroplectammina spectabilis LCO Saccammina placenta	Kalamopsis grzybowskii <i>Areoligera gippingensis</i> <i>Palaeocystodinium bulliforme</i> Labrospira pacifica
	NSR 2A	** Trochammina cf. subvesicularis Reticulophragmium garcilassoi Trochammina ruthvenmurrayi <i>Palaeoperidinium pyrophorum</i> LCO	<i>Palaeocystodinium bulliforme</i> LCO <i>Alisocysta margarita</i> LCO
Early Palaeocene (Danian)	NSR 1	NS Log B Subbotina pseudobulloides Matanzia varians Gavelinella beccariformis ** <i>Spongodinium delitense</i> Planorotalites compressus Subbotina triloculinoides	<i>Alisocysta reticulata</i> Clavulinoides globulifera Globocornusa daubjergensis Globigerina fringa

\*\* Indicate unique (rare) events (occurring in less than 6 out of 26 wells). *Palynomorphs* are in italics.