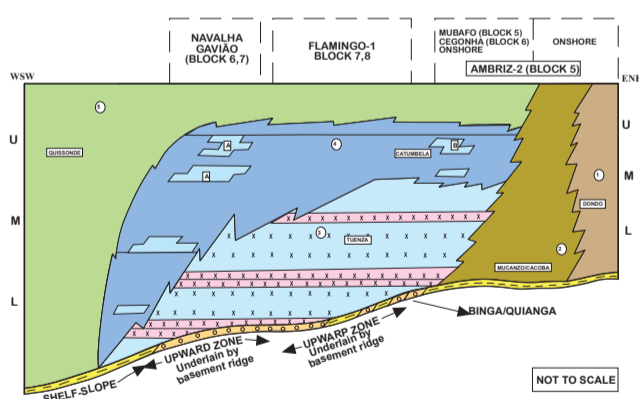
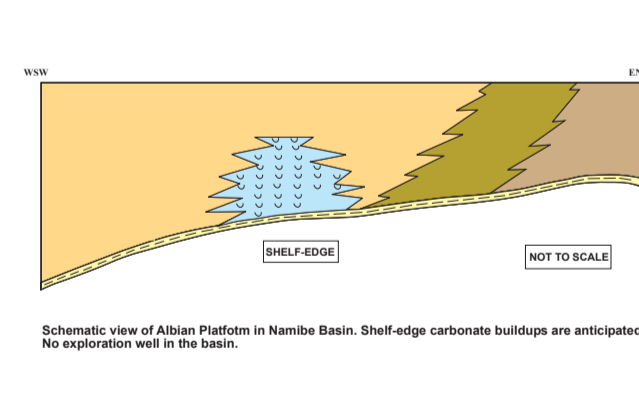


Schematic view of Albian Platform in Congo Basin. Varied lithologies are noted across the basin from onshore to present day shelf-slope. Prominent oolitic carbonate reservoirs in Upper, Middle and Lower Albian are associated with upward zones (or paleo shelf-edge). Chert market beds are noted in Middle Pinda.



Schematic view of Albian Platform in Kwanza Basin. Reservoirs (A,B) are in Upper, Middle (Catumbela) and Lower (Tuenza) Albian Carbonates, associated with upward zones (or paleo shelf-edge).



Schematic view of Albian Platform in Namibe Basin. Shelf-edge carbonate buildups are anticipated. No exploration well in the basin.

Schematic Albian platform showing varied lithofacies in Congo, Kwanza and Namibe

Biostratigraphy: explanation	Biostratigraphy: explanation	Biostratigraphy: explanation	EXPLANATION OF TECTONIC PHASE:
1. Presalt: Congo Basin Cabinda Ostracods by Chevron: 1. Hourouquia africana, 2. Petrobrasia spp. 3. Cypridea (Sebastianites), 4. Reconcavona, 5. Paracypridea, 6. Tucanocypris, 7. Metacypris. Lower Congo Ostracods: Zonation by Grosdidier, E. Lower Congo Calcareous Nannoplankton: Zonation by Sissingh, 1977. A) C. litterarius B) M. obtusus Cabinda Palynomorphs: Zonation by Chevron Congo Palynomorphs: Zonation by Drapeau, 1984.	2. Albian - Cenomanian (zonation based on Gofas, 1985) Albian: Planktonic Foraminifer: Favusella washitensis; Benthonic Foraminifer: Trocholina silvai; Veenia spp. (Ostracods); Nanococculus donatensis (Calcareous Nannoplankton); Anomalinella berthelini (Benthonic Foraminifer) Cenomanian: Dominated by Planktonics. Common Occurrence is Hedbergella and Rotalipora. 3. Turonian to Maastrichtian (zonation based on Gofas, 1985) Planktonic Zone CS 9-Rugoglobigerina; CS 6/8 - Contusotruncana formata. CS 3 - Archaeoglobigerina; CS 2 - Whiteinella spp. Benthonics: BCS 8/9 - Orthokarstenia clavata; BCS 8/7 - Orthokarstenia dentata/Gabonella elongata; BCS 4/5 - Stensioelina spp.; BCS 2/3 - Gabonella obesa/Dorothia oxycona	4. Paleocene - Eocene (zonation based on Gofas, 1985) Planktonic: T1 - Globorotalia trinidadensis/Globigerina daubergensis; T12 - Morozovella angulata, T3 - Globorotalia veitscoensis; T14 - Globorotalia aequalensisiformis Benthonic: BT1 - 1/3 - Bolivina africana Eponides pseudotortus BT14 - Lovostomoides/Nuttallides; BT15 - Uvigerina spp. BT1 - Eponides elevatus. Biostratigraphy: Explanation 5 - Oligocene - Miocene - Pliocene Planktonics (zonation based on Meijer, 1972) TS1 - Uvigerina amplipertura; TS 2 - Globigerina angulaturalis; TS 3 - Globigerinoides primordius; TS 4 - Globigerina; TS 5 - Globorotalia insularis; TS 6 - Globorotalia fohsi s.l.; TS 7 - Globorotalia siakensis; TS 8 - Globorotalia menardi; TS 9 - Globorotalia acostaensis; TS 10 - Globorotalia margaritae. Benthonics (zonation based on Gofas, 1985) BTS 1 - Uvigerina alazanensis; BTS 2/3 - Gavelinella stenzelii/Uvigerina mantaensis; BTS 4 - Gavelinella beninensis; BTS 5/6 - Eponides eshir/ Bolivina interjuncta; BTS 6/7 - Marginulina costata; BTS 10 - Rectuvigerina siphogenerinoides.	PHASE-I : LANDSCAPE OF EXTREME PENEPLANATION PHASE-II : DOMING AND FLOOD BASALT ERUPTION DEPOSITED FLUVIO-ALLUVIAL SEDIMENT. PHASE-III : RIFTING AND CONTINENTAL EXTENSION, DEPOSITED CONTINENTAL AND LACUSTRINE SEDIMENT. PHASE-IV : THERMAL SUBSIDENCE, EVAPORITE FORMATION DEPOSITED MARINE DOMINATED SEDIMENT, SEA-LEVEL RISE. PHASE-V : ACCELERATED PLATE SEPARATION AND FURTHER SEA-LEVEL RISE. PHASE-VI : DROP IN RATE OF PLATE SEPARATION, FALL IN SEA-LEVEL. PHASE-VII : SUBSTANTIAL FALL IN SEA-LEVEL, NON DEPOSITION ON THE MARGIN, WESTWARD TILT AND STRONG UPLIFT. PHASE-VIII : RISE FOLLOWED BY FALL IN SEA-LEVEL LEAD TO TRANSGRESSION AND REGRESSION, SECOND TIME, WESTWARD TILT AND MARGIN UPLIFT.