A Big Earth Data Platform for Three Poles

**Paleogeographic map of paleoclimate, lithofacies and Cretaceous of Pan tertiary (130mA, 90mA)**

1、Description

Guided by the theory of plate tectonics, paleogeography, petroliferous basin analysis and sedimentary basin dynamics, we have collected a large number of data and achievements of geological research and petroleum geology in recent years, including strata, sedimentation, paleontology, paleogeography, paleoenvironment, paleoclimate, structure, oil and gas (potash) geology and other basic materials, especially paleomagnetism, Paleogene Based on the data of detrital zircon and geochemistry, combined with the results of typical measured stratigraphic sections, the lithofacies and climate paleogeographic pattern of Cretaceous were restored and reconstructed, and two lithofacies paleogeographic maps of early and late Cretaceous of Pan tertiary and two climate paleogeographic maps of early and late Cretaceous of Pan tertiary were obtained, aiming at discussing the influence of paleogeography, paleostructure and paleoclimate In order to reveal the geological conditions and resource distribution of oil and gas formation, and provide scientific basis and technical support for China's overseas and domestic oil and gas exploration deployment.

2、Keywords

Theme：geologic map,plate boundaries,Geomagnetism,paleomagnetism,Tectonics,Paleomagnetic,plate tectonics,Paleoclimate Reconstruction  
Discipline：Palaeoenvironment,Solid earth  
Places：Pan tertiary  
Time：Cretaceous

3、Data details

1.Scale：None

2.Projection：

3.Filesize：75.59MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：90.0 | - |
| west：180.0 | - | east：180.0 |
| - | south：90.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

LI Yalin. Paleogeographic map of paleoclimate, lithofacies and Cretaceous of Pan tertiary (130mA, 90mA). A Big Earth Data Platform for Three Poles, 2021

References to articles:

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7、Supporting project information

8、Data resource provider

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