A Big Earth Data Platform for Three Poles

**Jurassic climatic, lithofacies paleogeography map of Pan third pole**

1、Description

Guided by the theories 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 oil-gas geological research in Pan third pole in recent years, including basic materials such as stratum, sedimentation, paleontology, paleogeography, paleoenvironment, paleoclimate, structure, oil-gas (potash) geology, especially paleomagnetism and paleogenesis On the basis of zircon and geochemical data, combined with the results of typical measured stratigraphic sections, the lithofacies and climate palaeogeographic pattern of Jurassic period are restored and reconstructed, and the paleogeographic map of lithofacies and climate of Pan third extremely early, middle and late Jurassic (3 sheets) and pan third extremely early, middle and late Jurassic (3 sheets) are obtained, aiming to discuss paleogeography and paleostructure The control and influence of paleoclimate on oil and gas (including potash) resources, in order to reveal the geological conditions and resource distribution rules of oil and gas formation, and provide scientific basis and technical support for overseas and domestic oil and gas exploration and deployment in China.

2、Keywords

Theme：Rocks/Minerals,Tectonics,Paleoclimate Reconstruction
Discipline：Palaeoenvironment,Solid earth
Places：Pan-third pole
Time：Jurassic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：96.0MB

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. Jurassic climatic, lithofacies paleogeography map of Pan third pole. A Big Earth Data Platform for Three Poles, doi:10.11888/Paleoenv.tpdc.2704192020

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7、Supporting project information

8、Data resource provider

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