

Third Sub-members, and mudstone(shale) is developed in large numbers in the Second Sub-member, and siltstone is mainly distributed in transition layer and the top of the First Sub-member. The sedimentary subfacies of the Da'anzhai Member in the study area include the shore lake subfacies, shallow lake subfacies, slope subfacies and half deep—deep lake subfacies. Among them, shallow lake subfacies can be divided into shell shoal microfacies, shallow lake mud microfacies and sandy shallow microfacies, and lake slope subfacies can be divided into slope mud microfacies and storm microfacies. The range of shell particle size is large and the types of shell are various, including bivalves, ostracoda, gastropods and charophyta in the coquina limestone in the First Sub-member. In the Second Sub-member, there is high content of shell in coquina limestone, and shell type is single, mainly bivalves.

Conclusion: Based on the results from the analysis and arrangement for the collected data. The results show that ① in the lower Jurassic Da'anzhai Member of the study area, lacustrine carbonate and mudstone(shale) are mainly developed, including biological limestone, crystalline limestone, micrite limestone, mudstone(shale) and silt—fine sandstone. ② From the shore to the lake, subfacies can be divided into shore lake subfacies, shallow lake subfacies, slope subfacies, and half deep—deep lake subfacies. And the study established the sedimentary facies model of the area. ③ Favorable reservoirs are mainly shell shoal microfacies in shallow lake subfacies and storm microfacies in slope subfacies developed.

Keywords: northeastern Sichuan basin; Da'anzhai Member; lacustrine carbonate; rock type; sedimentary facies

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14 个地质类专业通过 2019 年度工程教育专业认证

近日,中国工程教育专业认证协会、教育部高等教育教学评估中心分别发布了《关于公布北京交通大学机械工程等 402 个专业认证结论的通知》、《关于公布 2019 年度通过工程教育认证专业名单的通知》。两通知表明,2019 年,通过地质类专业认证委员会审议的 14 个专业均通过认证,有效期 6 年(有条件),即 2020 年 1 月至 2025 年 12 月。上述通过认证的专业将被纳入《华盛顿协议》互认名单,标志着我国地质人才走向世界又迈出了重要一步。

14 个地质类专业名单如下:

序号	学校名称	专业名称	序号	学校名称	专业名称
1	中国地质大学(北京)	地质工程	8	中国石油大学(北京)	勘查技术与工程
2	吉林大学	地质工程	9	中国海洋大学	勘查技术与工程
3	吉林建筑大学	地质工程	10	中国地质大学(武汉)	勘查技术与工程
4	同济大学	地质工程	11	吉林大学	资源勘查工程
5	中国矿业大学	地质工程	12	东北石油大学	资源勘查工程
6	中南大学	地质工程	13	长江大学	资源勘查工程
7	长安大学	地质工程	14	西南石油大学	资源勘查工程