



Energy and Minerals  
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March 05, 2025

MARK DALE TURNER  
138 RYERSON RD W  
LETHBRIDGE AB T1K 4P1

**RE: AMMONITE SHELL AGREEMENT NO. 9125030174**

I refer to your application received on January 26, 2025.

Enclosed is a copy, duly signed by the Minister, of the Ammonite Shell Agreement granted to you following application.

A Historical Resources Impact Assessment (HRIA) is required for exploration or recovery of ammonite shell by mechanical methods. The use of mechanical methods will be contingent on the results of the HRIA. Surface access will be restricted depending on the location and extent of ammonite shell exploration or recovery activities and the nature of historical, archaeological, and paleontological resources. In accordance with section 6 of the Ammonite Shell Regulation you must contact George Chalut, Land Use Planning Section, Alberta Arts, Culture and Status of Women; Telephone: (780) 431 2329 or E-mail: [George.Chalut@gov.ab.ca](mailto:George.Chalut@gov.ab.ca), to obtain a Historical Resources Act (HRA) Exemption. Failure to comply may result in a notice being served and cancellation of your agreement.

The lands applied for were reviewed by the Crown Mineral Disposition Review Committee (CMDRC) and, while the committee had no objections in principle, it recommended mineral rights can be issued on the understanding that exploration and any proposed development activity must comply with all applicable provincial legislation and regulations. Information Letter 2007-21 may provide additional surface related information.

Your attention is drawn to the "**Notice to Agreement Holder**" page attached to the lease document for information relating to terms and conditions pertaining to the lease.

Environmental concerns will be associated with rivers, creeks, and/or terrain. Topographic and ground conditions, as well as natural resource values, may restrict surface access for exploration and development in terms of erosion control, slope stabilization, access control, buffer zones, timing constraints, equipment restrictions, and other operational measures.

Slopes along any watercourse that is characterized by steep topography will be sensitive in terms of erosion control and slope stability. The floodplain of the river will also be sensitive in terms of erosion control and bank stability. Surface access will be restricted and may not be available in some areas depending on the location and nature of ammonite exploration and recovery. Surface collection may be the only available method of ammonite recovery in some areas.

Appropriate consent must be obtained from existing landowners or occupants prior to entry for exploration or development. On public land, a surface lease must be obtained from Alberta Environment and Parks, which is responsible for the management of public land under the *Public Lands Act*. If road access is required across public land, a surface lease must be obtained and it may also be subject to restrictions. On Special Area land, a surface lease must be obtained from the Special Areas Board. The Board also issues surface leases for public land within the Special Area.

If surface access is approved, any restrictions that are considered appropriate by the public land manager will appear as conditions of the Mineral Surface Lease. It is the responsibility of the mineral rights holder to seek clarification from the appropriate public land management agency as to any land use or environmental concerns that may restrict surface access for exploration or development.

To obtain information related to submitting an application for access to public land and to obtain the name of the regional public land manager, please send an email to the AEP Aggregate and Quarries ([aep.aggregateandquarries@gov.ab.ca](mailto:aep.aggregateandquarries@gov.ab.ca)) mailbox.

Under Part 5 of the *Environmental Protection and Enhancement Act*, any land that is disturbed by the recovery of ammonite shell must be reclaimed. When disturbed land is reclaimed, an application must be made for a reclamation certificate; the issuance of a certificate confirms that the land has been satisfactorily reclaimed. A surface lease cannot be cancelled until a certificate is issued by an inspector appointed under the Act. Prior to any disturbance on private land or land in Special Area 2, an inspector must be contacted to ensure that proper conservation and reclamation procedures are implemented and environmental protection guidelines are followed.

Ammonite shell operations must follow wastewater management guidelines issued by Alberta Environment and Protected Areas. Please contact the District Approvals Manager, Environment and Protected Areas.

An approval under the *Water Act* is required for any development within a 1 in 100 year floodplain, for any diversion of water for use in the recovery of ammonite, or for any diversion of water for water management purposes. Please contact the Marlin Kennedy, Water Act Approvals Coordinator, Alberta Environment and Protected Areas, 2<sup>nd</sup> floor Provincial Building, 200 – 5 Avenue South, Lethbridge, AB T1J 4L1; Tel: 403-381-5995.

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The Department requires a total of \$891.45, which will be applied to the fee, rental and G.S.T. (if applicable). The Department acknowledges monies received in the amount of \$891.45.

If you have any questions or concerns, you can contact the undersigned at [CMD.Energy@gov.ab.ca](mailto:CMD.Energy@gov.ab.ca).

Yours truly,

Jennifer Gallant  
Team Lead, Tenure & Royalty Operations  
Coal & Mineral Development

Encl.

MA#5276

cc: George Chalut, Culture  
Dan Spivak, Royal Tyrrell Museum, Culture