



U.S. Department of the Interior  
Bureau of Land Management

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# High Plains District Portion of the First Quarter 2018 Competitive Oil and Gas Lease Sale

DOI BLM WY P000 2017 0002 EA

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September 2017

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**Finding of No Significant Impact**  
**High Plains District Portion of the First Quarter 2018**  
**Competitive Oil and Gas Lease Sale**  
**DOI-BLM-WY-P000-2017-0002-EA**

**Introduction**

The Bureau of Land Management (BLM) conducted an Environmental Assessment (EA) DOI-BLM-WY-P000-2017-0002-EA to address offering certain lease parcels within the High Plains District at the BLM Wyoming First Quarter 2018 Competitive Oil and Gas Lease Sale. The Selected Alternative, Alternative B, would be a recommendation to the Wyoming State Director to offer for sale 81 parcels containing approximately 45,003 acres of Federal minerals administered by the High Plains District. Standard terms and conditions as well as parcel specific no surface occupancy, controlled surface use, and timing limitation stipulations have been attached to the parcels as specified through the EA to be issued. Lease stipulations as required by 43 CFR 3101.1-3 were added to each parcel as identified by the High Plains District Interdisciplinary Teams, to address site specific concerns or new information not identified in the land use planning process.

One partial parcel that is on U.S. Forest Service surface totaling 121.15 acres is deferred from leasing until a BLM/Forest Service leasing EA can be completed.

One entire parcel will be deferred at the discretion of BLM management pending review of decisions in the Casper Resource Management Plan (RMP) concerning leasing and development of lands within the Springer/Bump-Sullivan Wildlife Habitat Management Area (WHMA). This WHMA is operated cooperatively by the BLM and the Wyoming Game and Fish Department (WGFD) primarily for waterfowl habitat and upland game bird hunting. Concerns expressed by the WGFD as well concerns by BLM management will be considered in reviewing the RMP.

Two entire parcels will be deferred due to conflicts with existing coal leases until a policy on how to proceed in light of these conflicts is developed. The lease sale parcels overlap existing coal leases in the Black Thunder Coal Mine where there is a WDEQ coal mine permit.

EA DOI-BLM-WY-P000-2017-0002-EA is attached. The No Action alternative (Alternative A) was also analyzed in the EA.

**Finding of No Significant Impact**

I have reviewed EA DOI-BLM-WY-P000-2017-0002-EA. Based upon a review of the EA and the supporting documents, I have determined that Alternative B, is not a major Federal action and will not significantly affect the quality of the human environment, individually or cumulatively, with other actions in the general area. No environmental effects meet the definition of significance in context or intensity as defined in 40 CFR 1508.27 and do not exceed those effects described in

the Buffalo, Casper or Newcastle Resource Management Plan/Final Environmental Impact Statement (RMP/EIS). Therefore, an EIS is not needed.

This finding is based on the context and intensity of the project as described:

### **Context:**

The Action would occur within the High Plains District Office boundaries and would have local impacts on the resources similar to and within the scope of those described and considered within the Buffalo, Casper and Newcastle RMP/EIS and their respective Record of Decision (ROD).

### **Intensity:**

The following discussion is organized around the Ten Significance Criteria described in 40 CFR 1508.27 and incorporated into resources and issues considered (includes supplemental authorities Appendix 1 H-1790-1) and supplemental Instruction Memorandum, Acts, regulations and Executive Orders.

#### **1. Impacts that may be both beneficial and adverse.**

The Action/Alternatives would affect resources as described in the EA. Mitigating measures to reduce impacts to the various resources were incorporated in the design of the action alternatives. None of the environmental effects discussed in detail in the EA are considered significant, nor do the effects exceed those described in the Buffalo, Casper or Newcastle RMP/EIS and their respective ROD.

#### **2. The degree to which the proposed action affects public health or safety.**

The proposed action is designed to offer lease parcels for sale. No aspect of the Action/Alternatives would have an effect on public health and safety. If the parcels are subsequently sold and the leases enter into a development stage, public health or safety would be further addressed through site specific National Environmental Policy Act (NEPA) analysis.

#### **3. Unique characteristics of the geographic area such as proximity to historic or cultural resources, park lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas.**

The only unique characteristics present within the project area are historic and cultural resources. These characteristics have been deemed to be not affected by the Action/Alternatives with mitigating measures as attached to the lease parcels. The proposed action is designed to offer lease parcels for sale. No aspect of the Action/Alternatives would have an effect on cultural resources at the offering phase. If the leases enter into a development stage, cultural resources would be further addressed through site specific NEPA.

4. **The degree to which the effects on the quality of the human environment are likely to be controversial.**

Effects on the quality of the human environment are not expected to be significant or highly controversial. Site specific NEPA will be conducted that addresses specific effects on resources at the time of development. Controversy in this context is considered to be in terms of disagreement about the nature of the effects – not political controversy or expressions of opposition to the action or preference among the alternatives analyzed within the EA.

5. **The degree to which the possible effects on the human environment are highly uncertain or involve unique or unknown risks.**

The project is not unique or unusual. The BLM has experience implementing similar actions in similar areas. The environmental effects to the human environment are fully analyzed in the EA and corresponding RMPs. There are no predicted effects on the human environment that are considered to be highly uncertain or involve unique or unknown risks.

As explained in the EA, the administrative act of leasing all or part of 83 parcels covering 48,153 acres would not result in any direct greenhouse gas (GHG) emissions. Nevertheless the EA has provided estimates of the direct and indirect emissions of GHGs arising from these lease parcels should they be sold, issued, and development proposed. The uncertainty surrounding estimates of direct and/or indirect GHG emissions are described in the EA.

Based on the foregoing, the degree of uncertainty and consideration of unknown or unique risks does not rise to the level of significance requiring an EIS.

6. **The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration.**

This project neither establishes a precedent nor represents a decision in principle about future actions. The action considered in the selected alternative was considered by the interdisciplinary teams within the context of past, present, and reasonably foreseeable future actions. Significant cumulative effects are not expected.

7. **Whether the action is related to other actions with individually insignificant but cumulatively significant impacts.**

The EA did not reveal any cumulative effects beyond those already analyzed in the Buffalo, Casper and Newcastle RMPs/EISs, as revised/amended (2015). The interdisciplinary teams evaluated the possible action in context of past, present and reasonably foreseeable actions. Significant cumulative effects are not expected. The EA has projected the cumulative direct and indirect GHG emissions for the full reasonably foreseeable development (RFD) scenario in each of the three field offices in the High Plains District. The 83 proposed parcels (48,153 acres) represents 0.01% of the total acreage in the High Plains District and if developed to

the full RFD, and assuming 100% combustion of the production stream, would produce less than 1% of all GHG emissions, both direct and indirect, from oil and gas development in these field offices. Since climate change and global warming are global phenomena, for purposes of this NEPA analysis, the analysis presented above about the direct and indirect effects of GHG emissions from the proposed action is also an analysis of the cumulative effects of the proposed action. The BLM has determined that this analysis “adequately addresses the cumulative impacts for climate change from the proposed action and its alternatives, and therefore a separate cumulative effects analysis for GHG emissions is not needed. Additionally, the referenced RMPs/EISs provide cumulative effects analysis for oil and gas development based on the reasonably foreseeable oil and gas development scenario. Significant cumulative effects are not expected beyond what has been analyzed in the underlying RMPs, as revised/amended (2015).

8. **The degree to which the action may adversely affect districts, sites, highways, structures, or objects listed in or eligible for listing in the NRHP or may cause loss or destruction of significant scientific, cultural, or historical resources.**

There are no features within the project area listed or eligible for listing in the NRHP that would be adversely affected by a decision to offer for sale the subject parcels. If the leases enter into a development stage, NRHP resources would be further addressed through site specific NEPA.

9. **The degree to which the action may adversely affect an endangered or threatened species or its habitat that has been determined to be critical under the ESA of 1973.**

Mitigating measures to reduce impacts to wildlife and fisheries have been incorporated into the design of the action alternatives. Although listed species may occupy habitat within the project boundary, it has been determined that they will not be affected because surface use restrictions including no surface occupancy (NSO) stipulations, controlled surface use (CSU) stipulations and timing limitation stipulations (TLS), as well as unavailable for leasing designations will be applied to the lease parcels. Furthermore, post-lease actions/authorizations (e.g., Applications for Permit to Drill, road/pipeline rights-of-way), could be encumbered by reasonable restrictions on a case-by-case basis, as required through project-specific NEPA analysis or other environmental review.

10. **Whether the action threatens a violation of Federal, State, or local law or requirements imposed for the protection of the environment.**

The project does not violate any known Federal, state, local or tribal law or requirement imposed for the protection of the environment. In addition, the project is consistent with applicable land management plans, policies and programs.

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Authorized Officer

Date