

**United States Department of the Interior**  
**Bureau of Land Management**

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**Finding of No Significant Impact**

**WY-070-EA13-180**

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**February 2014**

**High Plains District Portions of the February 2014 Lease Sale**

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# **Finding of No Significant Impact**

## **High Plains District Portions of the February 2014 Lease Sale**

### **WY-070-EA13-180**

#### **Introduction**

The Bureau of Land Management (BLM) has prepared an Environmental Assessment (EA) (WY-070-EA13-180) to address offering certain lease parcels within the High Plains District at the February 2014 BLM-Wyoming Competitive Oil and Gas Lease Sale. The Selected Alternative, Alternative B, would be a recommendation to the Wyoming State Director to offer for sale 125 parcels containing approximately 101,029 acres of federal minerals administered by the High Plains District. Standard terms and conditions as well as parcel specific timing limitation, no surface occupancy, and controlled surface use stipulations have been attached to the parcels as specified through the EA to be issued. Lease stipulations (as required by 43 Code of Federal Regulations (CFR) 3131.3) 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.

The EA (WY-070-EA13-180), and the included Addendum, is attached. A No Action alternative (Alternative A) was also analyzed in the EA.

#### **Finding of No Significant Impact**

I have reviewed EA WY-070-EA13-180, February 2014 and the included Addendum. Based upon a review of the EA, the Addendum 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 and Newcastle RMPs/Final Environmental Impact Statements (FEISs). 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, Nebraska and Newcastle RMPs and their respective FEISs/Records 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 and Newcastle RMPs and their respective FEISs/ROD.

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

The proposed action is to offer lease parcels for sale. Several parcels contain lands with private surface overlying federal minerals (i.e., split-estate), as discussed in section 1.6 of the EA. The private surface lands have the potential for development of private residences and associated facilities such as domestic water supply wells. Residences near active drilling and completion operations would likely experience increased traffic and noise, as well as night lighting. Traffic and drilling operations in close proximity to residences would increase the potential for collisions with the residents, pets, and livestock, as well as an increased potential for fire, hydrocarbon release, and explosion from well blow-out during drilling operations. Lease Notice No. 1 is applied to all parcels and restricts or prohibits active drilling operations within ¼ mile of occupied dwellings for public safety.

No other aspect of the action alternative 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 addressed by following lease stipulations and health and safety regulations, and through site specific analysis as required by NEPA and other federal regulations.

**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, impacts to these types of resources would be further addressed through site specific NEPA, if present. Although it is not identified as an ecologically critical area, none of the parcels that are proposed to be offered fall within identified Lands with Wilderness Characteristics.

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

Controversy in this context is considered to be in terms of a demonstrated discrepancy in the level or nature of the effects – not political controversy or expressions of opposition to the

action or preference among the alternatives analyzed within the EA. Individual or groups of federal oil and gas leases have frequently been protested by a variety of non-governmental organizations based on their perceived environmental impacts associated the specific parcel, which may be correlated to some level of public controversy.

The BLM received several letters or emails providing comments on the February 2014 lease parcel EA. Comments pertained to a variety of issues including: impacts from drilling and/or completions, sage grouse, big game, Wyoming pocket gopher, Special Management Areas, and Resource Management Plans. This shows a varying level of concern or controversy, but does not demonstrate a high level of controversy. Concerns expressed were very similar to those heard from previous lease sales. As the EA for the February 2014 Oil and Gas Lease Parcels concludes, impacts to the quality of the human environment from the offering, sale, and issuance of the February 2014 lease parcels are not expected to be significant.

Further, the lease parcels identified for offer under Alternative B are within areas designated by the applicable RMPs as available for oil and gas leasing with the designated stipulations in consideration of ongoing RMP revisions and/or amendments. Those RMP decisions were made through an open, public process. Site specific evaluation will be conducted to address specific effects on resources and their mitigation at the time of development should the parcels be sold.

**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. Gas exploration and drilling operations are regulated for health and safety through other agencies of local, State and Federal government. Should there be discovered risks, these agencies would act accordingly. There are no predicted effects on the human environment that are considered to be highly uncertain or involve unique or unknown risks.

**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 actions considered in the selected alternative were considered by the interdisciplinary teams within the context of past, present, and reasonably foreseeable future actions. A decision to lease for the February 2014 sale would not limit later resource management decisions for areas open to development proposals, many of which have extensive existing leaseholds. Significant contributions to cumulative effects are not expected from the offering of these parcels, with their stipulations, for sale in February 2014.

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

The EA and the included Addendum did not reveal any cumulative effects beyond those already analyzed in the Buffalo, Casper and Newcastle RMPs/FEISs. The interdisciplinary

teams evaluated the possible actions in context of past, present and reasonably foreseeable actions. Significant cumulative effects are not expected.

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.**

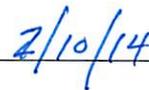
Mitigating measures to reduce impacts to wildlife and fisheries have been incorporated into the design of the action alternatives. Although listed species may occupy habitat within the project boundary, it has been determined that impacts can be adequately mitigated through the use of surface use restrictions, including controlled surface use (CSU) stipulations, no surface occupancy (NSO) stipulations and timing limitation stipulations (TLS), as well as unavailable for leasing designations, which have been applied to the lease parcels. Furthermore, post-lease actions/authorizations (e.g., Application for Permit to Drill (APDs), road/pipeline Right-of-Ways (ROWs)), would be encumbered by TLS and CSU restrictions as applied, and 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.



Authorized Officer



Date