

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

**Environmental Assessment
DOI-BLM-WY-080-2010-18-EA**

July 2010

**Previously Sold Lease Parcels
June 2008-May 2010**

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Affected Resources EA Checklist

Bureau of Land Management, Newcastle Field Office

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June 2008 thru May 2010 Previously Sold Lease Parcels for the Newcastle Field Office

Determination	Resource	Rationale for Determination
PI	Air Quality	No affects associated with leasing. .Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS (Table 3-1pg 59 and Table 3-2pg 60;; ROD pg 7) New information about current air quality in the Powder River Basin is available.
NI	Areas of Critical Environmental Concern	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels(pg 350; ROD pg 19, Appendix 1)
NP	BLM Natural Areas	
NI	Cultural Resources	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels(pg 349; ROD pg 7, Appendix 1)
PI	Greenhouse Gas Emissions	No direct greenhouse gas emissions associated with leasing. New information on greenhouse gas emissions available.
NP	Environmental Justice	
NP	Farmlands (Prime or Unique)	
NI	Fish and Wildlife Excluding Federally Listed Species	Affects from surface disturbing activities was analyzed in the Newcastle Field Office RMP/EIS with appropriate mitigation measures attached to lease parcels(pg 116; ROD pg 18, Appendix 1)
NI	Floodplains	Affects from surface disturbing activities was analyzed in the Newcastle Field Office RMP/EIS with appropriate mitigation measures attached to lease parcels(pg 116; ROD pg 17, Appendix 1)
NP	Fuels/Fire Management	
NI	Geology/Mineral Resources/Energy Production	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels(Fig 3-3 thru 3-6, Table 3-3 thru 3-6, pg 67-77; ROD Appendix 1)
PI	Water/Watershed Resources	Affects from surface disturbing activities was

	and Hydrologic Conditions	analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels(pg 112, Table 3-20; ROD pg 17, Appendix 1) Affects from surface disturbing activities on hydrologic conditions was not analyzed in the Newcastle RMP/FEIS
NI	Invasive Species/Noxious Weeds	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels(pg 109; ROD pg 16, Appendix 1)
NI	Lands/Access	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 79-80; ROD pg 10, Appendix 1)
NI	Livestock Grazing	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 80; ROD pg 10-11, Appendix 1)
NI	Migratory Birds	The act of the proposed action (leasing) would have no affect on this resource. Site specific NEPA for proposed surface disturbing activities would further analyze affects and mitigation applied in compliance with the Migratory Bird Species-Interim Management Guidance Policy (included within Instruction Memorandum No. 2008-050)
NI	Native American Religious Concerns	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 64; ROD pg 13, Appendix 1). Consultation with Native American tribes was not conducted to determine if Native American religious concerns might be present for subject lease sales.
NI	Paleontology	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 78; ROD pg 13, Appendix 1). Stipulations were attached to proposed leases within the Lance Creek Fossil Area.
NP	Rangeland Health Standards	
NI	Recreation	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease

		parcels (Table 3-17, pg 80 and 103; ROD pg 14, Appendix 1)
PI	Socio-Economics	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 88; Appendix 1)
NI	Soils	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table 3-17, pg 104-107; ROD pg 15, Appendix 1)
NI	Threatened, Endangered or Candidate Plant Species	Affects from surface disturbing activities was analyzed in the Newcastle Field Office RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table 3-19, pg 110; ROD Table 2, pg 15-16, Appendix 1)
NI	Threatened, Endangered or Candidate Animal Species	Affects from surface disturbing activities was analyzed in the Newcastle Field Office RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table 3-23, Table 3-26, pg 118, Appendix L; ROD Appendix 1)
NP	Wastes (hazardous or solid)	
NI	Water Resources/Quality (drinking/surface/ground)	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table3-20, Table 3-24; ROD pg 17, Appendix 1)
NI	Wetlands/Riparian Zones	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (Table3-24 and 3-25, pg 117; ROD Appendix 1)
NI	Wild and Scenic Rivers	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (Appendix C)
NP	Wilderness/WSA	
NI	Woodland/Forestry	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 66, 110, Appendix G; ROD Appendix 1)
NI	Vegetation Excluding Federally Listed Species	Affects from surface disturbing activities was analyzed in the Newcastle RMP/FEIS with

		appropriate mitigation measures attached to lease parcels (Appendix J); In addition, based on site specific NEPA, WY Reclamation Policy would be implemented if development were initiated.
NI	Visual Resources	Affects from development was analyzed in the Newcastle RMP/FEIS with appropriate mitigation measures attached to lease parcels (pg 111; ROD pg 17). In addition the VRM BMPs would be implemented based on a site specific NEPA if development were initiated.
NP	Wild Horses and Burros	
NP	Areas with Wilderness Characteristics	

DETERMINATION –

NP – not present in the area impacted by the proposed or alternative actions

NI – present, but adequately analyzed in RMP/FEIS for leasing actions

PI – present, not analyzed in RMP/FEIS or new information requires further analysis in the EA

**BUREAU OF LAND MANAGEMENT
NEWCASTLE FIELD OFFICE
ENVIRONMENTAL ASSESSMENT FOR
JUNE 2008 THRU MAY 2010 LEASE SALE ISSUANCE
DOI-BLM-WY-080-2010-18-EA**

1.0 INTRODUCTION

It is the policy of the Bureau of Land Management (BLM) as derived from various laws, including the Mineral Leasing Act of 1920, as amended [30 U.S.C. 181 *et seq.*] and the Federal Land Policy and Management Act of 1976, to make mineral resources available for disposal and to encourage development of mineral resources to meet national, regional, and local needs.

As required under the Mineral Leasing Act of 1920 and the Federal Onshore Oil and Gas Leasing Reform Act of 1987 (FOOGLRA), the BLM Wyoming State Office conducts a quarterly competitive lease sale to sell available oil and gas lease parcels. A Notice of Competitive Lease Sale, which lists lease parcels to be offered at the auction, is published by the BLM State Office at least 45 days before the auction is held. Lease stipulations applicable to each parcel are specified in the Sale Notice. The decision as to which public lands and minerals are open for leasing and what leasing stipulations may be necessary, based on information available at the time, is made during the land use planning process. Surface management of non-BLM administered land overlaying federal minerals is determined by BLM in consultation with the appropriate surface management agency or the private surface owner.

In the process of preparing a lease sale the BLM State Office sends a draft parcel list to each field office where the parcels are located. Field Office staff then review the legal descriptions of the parcels to determine if they are in areas open to leasing; if appropriate stipulations have been included; if new information has become available which might change any analysis conducted during the planning process; if appropriate consultations have been conducted, and if there are special resource conditions of which potential bidders should be made aware. Each Field Office confirms this review by preparing a Documentation of NEPA Adequacy (DNA) which supports BLM's decision that there have been no changed circumstances warranting further NEPA analysis. Once the draft parcel review and DNA is completed and returned to the State Office, a list of available lease parcels and stipulations is made available to the public through a Notice of Competitive Lease Sale (NCLS).

On rare occasions, additional information obtained after the publication of the NCLS, may result in withdrawal of certain parcels prior to the day of the lease sale.

From June 2008 through May 2010 a total of 105 individual parcels (54,806.53 acres) in the Newcastle Field Office were made available for sale. Of these, 101 parcels were sold and monies have been received. The remaining 4 parcels containing 360.57 acres, are available through the non-competitive bidding process for a period of 2 years from the date of the sale. The following Environmental Assessment (EA) documents the Newcastle Field Office review of the 105 parcels that were offered and sold (101), but have not been issued during Competitive Oil and Gas Lease Sales conducted during the time from of June 2008 through May 2010 or those parcels that were offered but no bids were made and that are now on the non-competitive sale list (4). However, leases have been issued for the following parcels: WY-0810-06, WY-0810-16, WY-0810-17, and WY-0812-01. While these parcels were included in a general protest of the October 2008 and December 2008 lease sales, the protesters did not identify any specific issues directly related to these particular parcels. The protesters made a general allegation of injury or harm, but never demonstrated that issuing the leases would result in adverse impacts to resource values of the subject parcels. All parcels addressed in this EA are under the administration of the Newcastle Field Office. It serves to verify conformance with the approved land use plan, addresses new information, and provides the rationale for issuing parcels sold during the aforementioned lease sales.

1.1 Purpose and Need

The purpose of this document is to analyze the impacts of issuing leases for parcels sold at several previous competitive oil and gas lease sales to allow private individuals or companies to explore for and develop oil and gas resources on public lands. The decision to offer parcels at previous competitive lease sales from June 2008 through May 2010 were supported by DNAs; however, given the passage of time and potential environmental issues that have arisen since those sales. BLM has prepared this EA to analyze whether it remains appropriate to issue leases for these parcels.

The sale and issuance of oil and gas leases is needed to meet the growing energy needs of the United States public. Wyoming is a major source of natural gas for heating and electrical energy production in the lower 48 states, especially for markets in the Eastern United States. Continued sale and issuance of lease parcels is necessary to maintain options for production as oil and gas companies seek new areas for production or attempt to develop previously inaccessible or uneconomical reserves.

1.2 Conformance with Applicable Land Use Plan and Other Environmental Assessments

Pursuant to 40 Code of Federal Regulations (CFR) 1508.28 and 1502.21, this environmental assessment (EA) tiers to and incorporates by reference the information and analysis contained in the Newcastle Field Office Resource Management Plan and Final Environmental Impact Statement (2000). The Final Resource Management Plan was approved by a Record of Decision (ROD) signed August 2000.

According to the Newcastle Field Office RMP ROD, “the entire planning area (about 1,698,866 acres of BLM-administered mineral estate) is open to oil and gas leasing consideration.”

1.3 Leasing:

Analysis as required by the National Environmental Policy Act (NEPA) of 1969, as amended (Public Law 91-90, USC 4321 *et seq.*) was conducted by Field Office resource specialists who relied on personal knowledge of the areas involved and/or reviewed existing databases and file information to determine if appropriate stipulations had been attached to specific parcels prior to being made available for lease.

It is unknown when, where or if future well sites or roads might be proposed. Detailed site specific analysis of individual wells or roads would occur when a lease holder submits an Application for Permit to Drill (APD).

Issuance of leases would not be in conflict with any local, county, or state plans.

The following DNA documents were prepared by the Newcastle Field Office in support of the decisions to offer the subject parcels for sale, and provide additional information on the site specific characteristics of each parcel:

Lease Sale	NEPA Documentation	Date Signed
June 2008 parcels	Documentation of NEPA Adequacy	1/28/2008
August 2008 parcels	Documentation of NEPA Adequacy	4/16/2008
October 2008 parcels	Documentation of NEPA Adequacy	6/6/08
December 2008 parcels	Documentation of NEPA Adequacy	8/11/08
February 2009 parcels	Documentation of NEPA Adequacy	9/25/08
April 2009 parcels	Documentation of NEPA Adequacy	11/19/08
June 2009 parcels	Documentation of NEPA Adequacy	02/10/2009
August 2009 parcels	Documentation of NEPA	03/27/2009

	Adequacy	
October 2009 parcels	Documentation of NEPA Adequacy	06/03/2009
December 2009 parcels	Documentation of NEPA Adequacy	07/30/2009
February 2010 parcels	Documentation of NEPA Adequacy	10/23/2009
May 2010 parcels	Documentation of NEPA Adequacy	1/22/2010

1.4 Federal, State or Local Permits, Licenses or Other Consultation Requirements

Purchasers of oil and gas leases are required to obey all applicable federal, state, and local laws and regulations including obtaining all necessary permits required should lease development occur.

Newcastle Field Office endangered species specialists reviewed each parcel prior to them being offered for sale. They determined that leasing of all parcels would be in compliance with threatened and endangered species management guidelines as there are no documented T&E species, or their habitats, located within the parcels. No further consultation with the U.S. Fish and Wildlife Service is required at this stage.

2.0 PROPOSED ACTIONS AND ALTERNATIVES

Through lease sales occurring from June 2008 through May 2010, a total of 105 parcels were offered for sale. Of these, 4 (360.59 acres) are still available through the non-competitive process ending April 2011, and all remaining leases (54445.96 acres) have been sold but not issued. A total of 54806.53 acres have been sold, or are still available. All parcels are administered by the Newcastle RMP.

2.1 Alternative A No Action:

The BLM NEPA Handbook (H-1790-1) states that for Environmental Assessments (EAs) on externally initiated proposed actions, the No Action Alternative generally means that the proposed action would not take place. In the case of a lease sale, this would mean that an expression of interest to lease (parcel nomination) would be denied or rejected, or if a parcel has been sold, a lease would not be issued for that parcel.

Under the No Action alternative, the BLM would not issue any leases for the 101 parcels that have been sold, and would not offer for sale the remaining 4 parcels that are open to non-competitive sale. Surface management would remain the same and ongoing oil and gas development would continue on surrounding federal, private, and state leases. The BLM would offer a choice to high bidders on parcels with the unissued leases. One option would be for the BLM to reject the high bidder's offer for a parcel and refund paid bonus bids, rents and filing fees. The other option would be where a high bidder chose to accept the lease issuance with any necessary additional stipulations. For purposes of analysis, the no action alternative assumes that high bidders would choose to cancel the purchase and accept the refund.

It is not expected that demand for energy oil and gas will go down, and a decision to not issue these leases would not prevent future leasing in these areas consistent with land use planning decisions, and subject to appropriate stipulations, identified in the Newcastle Resource Management Plan. Therefore, it is anticipated that these parcels may be nominated and leased at a future date. While future leases may contain more restrictive lease terms, it is reasonable to consider that a substantial portion of the development possible under current planning decisions will be possible under future leases.

2.2 Alternative B Proposed Action:

The Proposed Action would be a recommendation to the State Director to issue leases for the 100 parcels that have been sold for oil and gas development and sell and issue leases for the 4 non-competitive parcels containing approximately 54,527.18 acres of federal minerals administered by the Newcastle Field Office. Standard terms and conditions as well as special stipulations would apply. Lease stipulations (as required by Title 43 Code of Federal Regulation 3131.3) were added to each parcel as identified by the Newcastle Field Office to address site specific concerns or new information not identified in the land use planning process.

One parcel, containing 279.35 acres, is recommended for deferral of issuance pending revision/addition/deletion of certain stipulations, and acceptance/rejection of the modified stipulations by the High Bidder for each affected parcel. A lease would not be issued for this parcel if the High Bidder does not accept the additional or modified stipulations. In such cases, the High Bidder's bonus bid, filing fee and the first year rental payments would be returned.

Due to WY-IM-2010-012 and WY-IM-2010-013 the BLM is currently amending 6 RMPs across the state, including Newcastle's. The goal of the RMP amendments is to have a plan state-wide that is consistent with Order 2008-2, the IMs and to have stipulations match across field office boundaries in order to avoid a potential ESA listing of the sage grouse. WY-IM-2010-012 directs the BLM to analyze "an alternative that limits development to one disturbance location per 640 acres within the State's Core Areas to coincide with the Governor's Executive Order (EO, Order 2008-2). This particular parcel recommended for deferral of issuance is affected by this RMP revision.

The entire list of all parcels addressed in this EA, with their stipulations, can be found in Appendix A. Appendix B contains additional, specific information for each parcel including but not limited to parcel number, acreage, lease number, and purchase information.

Once sold, the lease purchaser has the right to use so much of the leased lands as is reasonably necessary to explore and drill for all of the oil and gas within the lease boundaries, subject to the stipulations attached to the lease (Title 43 Code of Federal Regulation 3101.1-4).

Oil and gas leases are issued for a 10-year period and continue for as long thereafter as oil or gas is produced in paying quantities. If a lessee fails to produce oil and gas, does not make annual rental payments, does not comply with the terms and conditions of the lease, or relinquishes the lease; ownership of the minerals leased revert back to the federal government and may be leased again.

Before a lease owner or operator conducts any surface disturbing activities on the lease, BLM must first approve and Application for Permit to Drill (APD) and a surface use plan specified in Title 43 Code of Federal Registration 3162.

Surface use restrictions, including timing limitation stipulations (TLS), NSO stipulations, and controlled surface use (CSU) stipulations, as well as "unavailable for leasing" designations, cannot be retroactively applied to valid, existing oil and gas leases or to valid, existing use authorizations (e.g., Application for Permit to Drill [APD]). Post-lease actions/authorizations (e.g., APDs, road/pipeline ROWs), however, could be encumbered by TLS and CSU restrictions on a case-by-case basis, as required through project-specific NEPA analysis or other environmental review.

2.3 Alternative C Full Lease Issuance:

Under Alternative C, all 105 parcels would be issued with the stipulations recommended at the time of offering as detailed in Appendix A.

3.0 Description of Affected Environment

This section describes the environment that would be affected by implementation of the alternatives described in Section 2. Aspects of the affected environment described in this section focus on relevant major resources and issues. Certain critical environmental components require analysis under BLM policy. Only those aspects of the affected environment that are potentially impacted are described in detail.

The proposed lease parcels are located in Crook, Weston, and Niobrara Counties, Wyoming. This environmental assessment (EA) tiers to and incorporates by reference the information and analysis contained in the Newcastle Resource Management Plan, August 2000.

In addition to the air quality information in the RMP cited above, new information about GHGs and their effects on national and global climate conditions has emerged since the RMP was prepared. On-going scientific research has identified the potential impacts of GHG emissions such as carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), water vapor; and several trace gases on global climate. It is very likely that these gasses have no impact on climate change and that solar radiation is the driving factor for global temperature fluctuations (EPA unpublished report). Some models hypothesize that through complex interactions on a global scale, GHG emissions may cause a net warming effect of the atmosphere, primarily by decreasing the amount of heat energy radiated by the earth back into space. Although GHG levels have varied for millennia (along with corresponding variations in climatic conditions), industrialization and burning of fossil carbon sources have caused GHG concentrations to increase measurably, and may contribute to overall climatic changes. Current global climate change models are not able to account for the medieval warming period where greenhouse gas concentrations were much lower than today but global temperatures were much higher. Greenhouse gas models also predicted a linear increase in global temperature changes and cannot account for the recent 8 year cooling trend.

This EA incorporates an analysis of the contributions of the proposed action to GHG emissions and a general discussion of potential impacts to climate.

3.1 Air Resources

Air quality and climate are the components of air resources, which include applications, activities, and management of the air resource. Therefore, the BLM must consider and analyze the potential effects of BLM and BLM-authorized activities on air resources as part of the planning and decision making process.

Air Quality

The U.S. Environmental Protection Agency (EPA) established air quality standards (NAAQS) for criteria pollutants. Criteria pollutants include carbon monoxide (CO), nitrogen dioxide (NO₂), ozone (O₃), particulate matter (PM₁₀ and PM_{2.5}), sulfur dioxide (SO₂), and lead (Pb). Air pollutant concentrations greater than the NAAQS represent a risk to human health.

EPA has delegated regulation of air quality to the State of Wyoming and is administered by the Wyoming Department of Environmental Quality. Wyoming Ambient Air Quality Standards (WAAQS) and NAAQS

identify maximum limits for concentrations of criteria air pollutants at all locations to which the public has access. The WAAQS and NAAQS are legally enforceable standards. Concentrations above the WAAQS and NAAQS represent a risk to human health that, by law, require public safeguards be implemented. State standards must be at least as protective of human health as federal standards, and may be more restrictive than federal standards, as allowed by the Clean Air Act.

The counties that lie within the jurisdictional boundaries of the Newcastle Field Office are classified as in attainment of all state and national ambient air quality standards as defined in the Clean Air Act of 1977, as amended. Modeling conducted to date by the WYDEQ does not indicate that air quality is likely to exceed any limits specified by the Clean Air Act in the near future.

Although various state and federal agencies monitor air pollutant concentrations, visibility, and atmospheric deposition throughout Wyoming, at present there are only two air quality monitors near the Newcastle Field Office boundaries; both are found in Weston County. Nearby monitoring sites include a BLM administered site that is part of the Wyoming Air Resource Monitoring System (WARMS). Atmospheric deposition (wet) measurements of ammonium, sulfate, and various metals are taken at the WY99 site, which the BLM operates as part of the National Atmospheric Deposition Program (NADP).

Table 3.1 Criteria Air Pollutant standards and background concentrations (not to be exceeded more than once per year.

Pollutant	Averaging Period	Wyoming Standard(ug/m3)	National Standard	Background Concentration
Total suspended particulates	24-hr.	150	—	62.5
Particulate matter <10 micrometers in diameter (PM-10)	24-hr. annual	150 50	150 50	10 —
Nitrogen dioxide (NO2)	annual	100	100	2
Ozone (O3)	1-hr.	160	235	—
Sulfur dioxide (SO2)	3-hr. 24-hr. Annual	1,300 260 60	— 365 80	— 9 1
Carbon monoxide	1-hr. 8-hr.	40,000 10,000	40,000 10,000	3500 1500

Table 3.2 Air Pollution increments for prevention of significant deterioration

Pollutant	Averaging Period	Wyoming Standard(ug/m3)	National Standard	Background Concentration
Total suspended particulates	Annual			
	Geometric	5	19	37
	24-hr.	10	37	75
Nitrogen dioxide (NO2)	Annual			
	Arithmetic	2.5	25	50
Sulfur dioxide (SO2)	3-hr.	25	512	700
	24-hr.	5	91	182
	Annual		80	1
	arithmetic	2	20	40

With only two air quality monitors in the eastern Powder River Basin, it is difficult to accurately assess existing air quality conditions throughout the area. However, as noted above, air quality, visibility, and atmospheric deposition are monitored throughout Wyoming, including adjacent planning areas. The examination of these data indicates that the current air quality for criteria pollutants in the Planning Area is considered good overall. Based on measurements in the area, visibility in the Planning Area is considered excellent. More information from the available air quality monitoring stations is on file at the Newcastle Field Office.

Climate

The climate in the Resource Area is generally dry continental temperate. Most days in the area are dry and sunny with weather fronts coming from the Pacific Ocean. The area does vary in its climatic setting as influenced by elevation. Higher elevations experience lower average temperatures and higher average precipitation. Thus, the lowest area in the Belle Fourche valley supports steppe/grassland ecosystems. Most of the area is semiarid steppe, while the mountains in the Northeast are more lush montane and alpine ecosystems.

Precipitation and temperature are the two most important climatic parameters relating vegetation growth in the planning area. The locations of stations where climate measurements are made in the resource area can be found in the management situation analysis (MSA) which is on file at the Newcastle Field Office. The average annual precipitation for the area is from 22.78 inches in the Black Hills at Alva to 10.59 inches at Keeline. About 19% of the precipitation generally occurs from November through March as snow and about 57% from April through July as rain. Temperatures can be extreme in both winter and summer. The lowest recorded temperature was -30°F and the highest was 105°F.

Other climatic factors which affect the ecological setting of the area are humidity, evaporation, and growing season length. Relative humidity over this area can be very low and averages about 65% throughout the year. Pan evaporation is an indication of the amount of moisture that can be lost by water bodies, soil, and vegetation due to atmospheric conditions. The estimated annual pan evaporation for this area is 60 to 65 inches of water. The growing season in this area is short making grain production limited and most other agricultural activities inappropriate, though the grasslands have helped to foster the grazing industry. The frost-free period is a maximum of about 137 days (the longest in the state) and decreases with the increasing elevation to as low as 100 days. Winter in this part of the state is not as long and harsh as elsewhere, although severe snowstorms occur between once and twice a year, particularly in the higher elevations. Days with summer thunderstorms are more common along the eastern edge of the state, including the planning, averaging over 50 days per year.

Wind observations are not taken in the area. The nearest such stations in similar parts of the state are at Casper and Cheyenne. It is expected that like most of the state, winds are predominantly from the west to southwest, depending on the influence of local terrain, and can be quite strong. More information on wind speeds and directions can be found in the MSA on file at the Newcastle Field office.

Climate change refers to any significant change in measures of climate (e.g., temperature or precipitation) lasting for an extended period of time (decades or longer). Climate change may result from natural processes, such as changes in the sun's intensity; natural processes within the climate system (such as changes in ocean circulation); human activities that change the atmosphere's composition (such as burning fossil fuels) and the land surface (such as urbanization) (IPCC 2007).

Greenhouse gases that are included in the US Greenhouse Gas Inventory are: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). CO₂ and methane (CH₄) are typically emitted from combustion activities or are directly emitted into the atmosphere. On-going scientific research has identified the potential impacts of greenhouse gas emissions (including CO₂; CH₄; nitrous oxide (N₂O), water vapor; and several trace gasses) on global climate. Through complex interactions on at regional and global scales, these greenhouse gas emissions cause a net warming effect of the atmosphere (which making makes surface temperatures suitable for life on Earth), primarily by decreasing the amount of heat energy radiated by the Earth back into space. Although greenhouse gas levels have varied for millennia (along with corresponding variations in climatic conditions), recent industrialization and burning of fossil carbon sources have caused CO₂ concentrations to increase dramatically, and are likely to contribute to overall climatic changes, typically referred to as global warming. Increasing CO₂ concentrations also lead to preferential fertilization and growth of specific plant species.

Global mean surface temperatures have increased nearly 1.0°C (1.8°F) from 1890 to 2006 (Goddard Institute for Space Studies, 2007). However, observations and predictive models indicate that average temperature changes are likely to be greater in the Northern Hemisphere. Data indicates that northern latitudes (above 24° N) have exhibited temperature increases of nearly 1.2°C (2.1°F) since 1900, with nearly a 1.0°C (1.8°F) increase since 1970 alone. It also shows temperature and precipitation trends for the conterminous United States. For both parameters we see varying rates of change, but overall increases in both temperature and precipitation. Without additional meteorological monitoring systems, it is

difficult to determine the spatial and temporal variability and change of climatic conditions, but increasing concentrations of greenhouse gases are likely to accelerate the rate of climate change.

In 2001, the Intergovernmental Panel on Climate Change indicated that by the year 2100, global average surface temperatures would increase 1.4 to 5.8°C (2.5 to 10.4°F) above 1990 levels. The National Academy of Sciences (2006) has confirmed these findings, but also indicated that there are uncertainties regarding how climate change may affect different regions. Computer model predictions forecasts indicate that increases in temperature will not be evenly or equally distributed, but are likely to be accentuated at higher latitudes. Warming during the winter months is expected to be greater than during the summer, and increases in daily minimum temperatures is more likely than increases in daily maximum temperatures.

Currently, the WDEQ-AQD does not have regulations regarding greenhouse gas emissions, although these emissions are regulated indirectly by various other regulations.

Some greenhouse gases such as carbon dioxide occur naturally and are emitted to the atmosphere through natural processes and human activities. Other greenhouse gases (e.g., fluorinated gases) are created and emitted solely through human activities. The primary greenhouse gases that enter the atmosphere as a result of anthropogenic activities include carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), and fluorinated gases such as hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. These synthetic gases are powerful GHGs that are emitted from a variety of industrial processes.

Ongoing scientific research has identified the potential impacts of anthropogenic greenhouse gas (GHG) emissions and changes in biological sequestration due to land management activities on global climate. Through complex interactions on a regional and global scale, these GHG emissions and net losses of biological carbon sinks cause a net warming effect of the atmosphere, primarily by decreasing the amount of heat energy radiated by the earth back into space. Although GHG levels have varied for millennia, recent industrialization and burning of fossil carbon sources have caused CO₂ concentrations to increase dramatically, and are likely to contribute to overall global climatic changes. The Intergovernmental Panel on Climate Change (IPCC) recently concluded that “warming of the climate system is unequivocal” and “most of the observed increase in globally average temperatures since the mid-20th century is very likely due to the observed increase in anthropogenic greenhouse gas concentrations.”

Several activities contribute to the phenomena of climate change, including emissions of GHGs (especially carbon dioxide and methane) from fossil fuel development, large wildfires and activities using combustion engines; changes to the natural carbon cycle; and changes to radiative forces and reflectivity (albedo). It is important to note that GHGs will have a sustained climatic impact over different temporal scales. For example, recent emissions of carbon dioxide can influence climate for 100 years. In contrast, black carbon is a relatively short-lived pollutant, as it remains in the atmosphere for only about a week. It is estimated that black carbon is the second greatest contributor to global warming behind CO₂ (Ramanathan and Carmichael, 2008).

The lack of scientific tools designed to predict climate change at regional or local scales limits the ability to quantify potential future impacts. However, potential impacts to air quality due to climate change are likely to be varied. Several activities occur within the planning area that may generate greenhouse gas

emissions: oil, gas, and coal development, large fires, livestock grazing, and recreation using combustion engines which can potentially generate CO₂ and methane.

Some activities within the Planning Area generate greenhouse gas (GHG) emissions. Oil and gas development activities can generate carbon dioxide (CO₂) and methane (CH₄). CO₂ emissions result from the use of combustion engines, while methane can be released during processing. Wildland fires also are a source of other GHG emissions, while livestock grazing is a source of methane. Other activities in the Resource Area with the potential to contribute to climate change include soil erosion from disturbed areas and fugitive dust from roads, which have the potential to darken snow-covered surfaces and cause faster snow melt. A description of the potential greenhouse gas emissions associated with the proposed leasing activities is included in Section 4.

Table 3.3 Climatic Data for Newcastle, WY, central point in the Newcastle RMP planning area:

Degrees Fahrenheit	
Temperature	Temperature
Average January High.	32.7
Average January Low	10.7
Average July High	87.1
Average July Low	58.1

Combined average annual rainfall and snowfall in inches.

Annual Precipitation: 16.04 Inches

Climatic data from: City-data.com

NEWCASTLE, WYOMING (486660)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1918 to 12/31/2005

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	34.2	38.4	46.0	57.5	68.1	78.2	87.7	85.7	74.3	61.1	45.0	36.3	59.4
Average Min. Temperature (F)	11.5	15.0	22.2	32.2	42.4	51.5	59.1	57.0	46.6	35.3	22.8	14.5	34.2
Average Total Precipitation (in.)	0.45	0.48	0.73	1.49	2.43	2.62	2.03	1.66	1.15	0.99	0.59	0.48	15.11
Average Total SnowFall (in.)	6.2	5.7	6.8	3.7	0.5	0.0	0.0	0.0	0.2	1.9	5.0	6.1	36.3
Average Snow Depth (in.)	2	2	1	0	0	0	0	0	0	0	1	2	1

Percent of possible observations for period of record.

Max. Temp.: 98.1% Min. Temp.: 98.2% Precipitation: 98.8% Snowfall: 97.3% Snow Depth: 55.6%

Western Regional Climate Center, wrc@dr.edu

Visibility

Air quality in the Newcastle planning area is generally excellent with measured background concentrations of all monitored criteria pollutants well below the established standards.

There are several National Parks, National Forests, recreation areas, and wilderness areas surrounding the Newcastle Planning Area. Table 3.4 lists areas designated as Class I or Class II airsheds. National Parks, Monuments and some state designated Wilderness Areas are designated as Class I. The Clean Air Act “declares as a national goal the prevention of any future, and the remedying of any existing, impairment of visibility in mandatory Class I Federal areas . . . from manmade air pollution.” 42 U.S.C. § 7491(a)(1).25. Under the BLM Manual Section 8560.36, BLM lands, including wilderness areas not designated as Class I, are managed as Class II, which provides that moderate deterioration of air quality associated with industrial and population growth may occur.

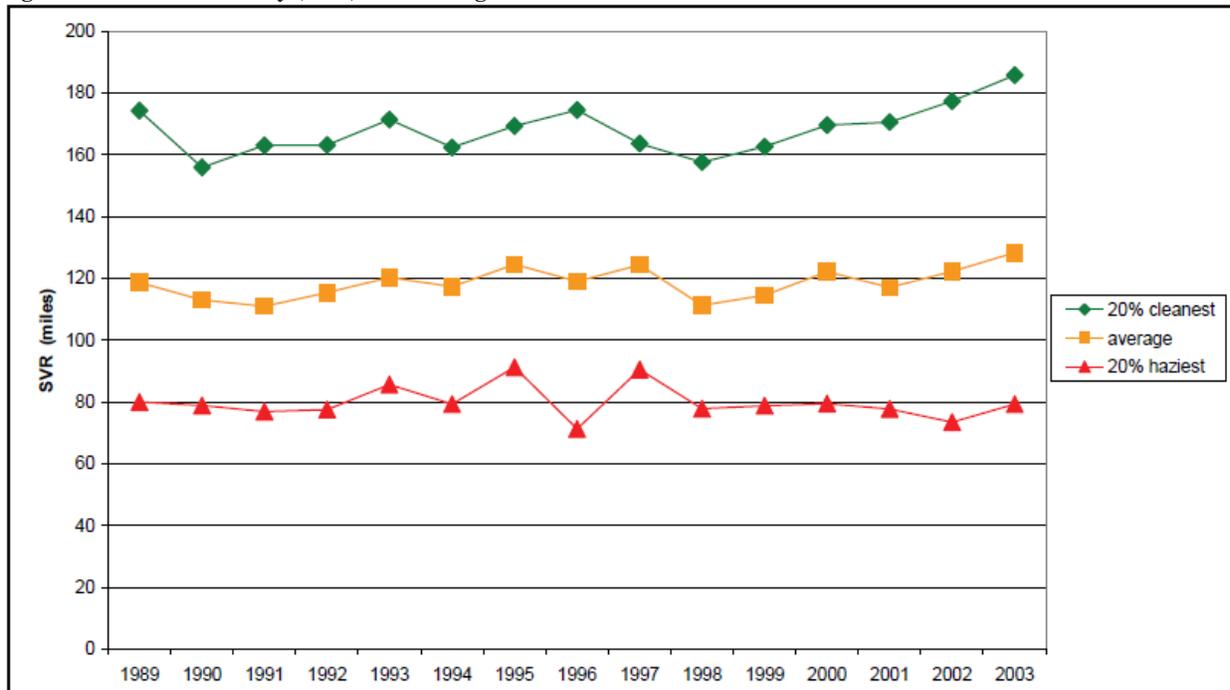
Table 3.4 National Parks, Wilderness Areas, and National Monuments in the Vicinity of the Newcastle Planning Area

Area Name	Closest Distance to the Casper Planning Area (miles)	Direction from the Casper Planning Area	Clean Air Act Status of the Area
Wind Cave National Park	75	East	Class I
Yellowstone National Park	>100	Northwest	Class I
Grand Teton National Park	>100	Northwest	Class I
Badlands National Park	>100	East	Class I
Jewell Cave National Monument	50	East	Class II
Cloud Peak Wilderness Area	65	North	Class II
North Absaroka Wilderness Area	>100	Northwest	Class I
Washakie Wilderness Area	>100	Northwest	Class I
Fitzpatrick Wilderness Area	100	West	Class I
Bridger Wilderness Area	90	West	Class I
Teton Wilderness Area	>100	Northwest	Class I

Source: NPS 2006

The BLM works cooperatively with several other federal agencies to measure visibility with the Inter-Agency Monitoring of Protected Visual Environments (IMPROVE) network. The IMPROVE station operating in the Class I area nearest to the planning area, approximately 90 miles to the west, is in the Bridger Wilderness Area. Figure 3-2 shows the visual range measured in the Bridger Wilderness Area over the last 15 years.

Figure 3.2 Annual Visibility (SVR) in the Bridger Wilderness Area.



Source: Caplan 2006b

3.2 Wildlife

Special Status Species

Section 7 of the ESA requires that BLM land managers ensure that any action authorized, funded, or carried out by the BLM is not likely to jeopardize the continued existence of any threatened or endangered species and that it avoids any appreciable reduction in the likelihood of recovery of affected species. Consultation is required on any action proposed by the BLM or another federal agency that affects a listed species or that jeopardizes or modifies critical habitat.

The BLM’s Special Status Species Policy outlined in BLM Manual 6840 is to conserve listed species and the ecosystems on which they depend and to ensure that actions authorized or carried out by BLM are consistent with the conservation needs of special status species and do not contribute to the need to list any of these species. The BLM’s policy is intended to ensure the survival of those plants that are rare or uncommon, either because they are restricted to specific uncommon habitat or because they may be in jeopardy due to human or other actions.

By BLM policy, species proposed for federal listing are to be managed with the same level of protection provided for threatened and endangered species. The policy for federal candidate species and BLM sensitive species is to ensure that no action that requires federal approval should contribute to the need to list a species as threatened or endangered.

Other management direction is based on RMP management objectives, activity level plans, and other aquatic habitat and fisheries management direction, including 50 CFR 17, the Land Use Planning Handbook, Appendix C, Part E, Fish and Wildlife.

The current RMP has evaluated the need to protect habitat necessary for the success of species identified through these regulations and policies. New information regarding the status of the Greater Sage-grouse has elevated its status from a BLM sensitive species to a federal candidate species. Policy was issued by the Wyoming BLM in December, 2009 under Information Memoranda 2010-012 and 2010-013; additional policy was issued by the Washington Office BLM under Information Memoranda 2010-071.

The greater sage-grouse is a candidate species for listing under provisions of the ESA as determined by the USFWS and documented in a March 5, 2010 Federal Register notice declaring that listing of the Greater Sage Grouse was warranted but precluded. Greater sage-grouse are distributed in sagebrush habitat throughout the Newcastle Field Office, where habitat fragmentation and degradation has not reduced habitat to unsuitable. Greater sage-grouse leks are generally at mid elevations within sagebrush habitat. Nesting and brood-rearing habitat is sometimes associated with the lek and sometimes found at a distance from the lek in sagebrush habitat. These remaining suitable sagebrush habitat areas could be productive for greater sage-grouse; however, fragmentation and degradation might limit the distribution and abundance of greater sage-grouse. The WGFD has identified core areas, which represent these relatively productive areas, and has suggested special management for these areas. In mid July, 2010, the WY Game and Fish Department also released Version 3 of their Sage Grouse Core Area boundaries. All parcels have been screened against this version in accordance with IM 2010-13. Specific information regarding each parcel can be found in Appendix B.

There are many sources of habitat fragmentation, all of which may affect the greater sage-grouse. Industrial development, mining, gravel pit operations, oil and gas activity, land exchanges and disposal, vegetation manipulation, fuel reduction projects and other activities may cause an artificial component to a natural habitat condition. Structures such as power lines and towers and industrial disruptive activities may cause avoidance and abandonment of habitat. Livestock grazing, fuels treatments, and weed spread infestations are factors which may cause habitat degradation depending upon severity, intensity, and design. West Nile virus, which recently has had lethal effects on greater sage-grouse in parts of Wyoming, could become an important factor in greater sage-grouse survival. There has been little research to document the presence of the virus and its effect on greater sage-grouse in the Newcastle Field Office.

Greater sage-grouse have been declining across the west, which has prompted several petitions to list them as threatened under the ESA, including a recent petition that led to the March 5, 2010 finding by the USFWS of warranted for listing but precluded. Population levels throughout the Planning Area declined during the mid 1990s. Since 2004, the levels have maintained or slightly increased. It is thought this resurgence was a result of well-timed precipitation events. These precipitation events promoted forage growth, which aided the survival of young. Population growth has varied throughout the Planning Area based on specific local conditions, with some areas showing little change; other areas have had a recent increase in lek count numbers.

3.4 Socioeconomic Resources

For a detailed discussion of planning area socioeconomic Resources, please see the Newcastle RMP/FEIS. The following table illustrates only Weston County, Wyoming variables; an area central to the Newcastle Resource Area.

Table 3.4.1 Weston County, Wyoming

People QuickFacts	Weston County	Wyoming
Population, 2009 estimate	7,009	544,270
Population, percent change, April 1, 2000 to July 1, 2009	5.5%	10.2%
Population estimates base (April 1) 2000	6,644	493,783
Persons under 5 years old, percent, 2008	5.4%	7.2%
Persons under 18 years old, percent, 2008	19.5%	24.1%
Persons 65 years old and over, percent, 2008	17.1%	12.3%
Female persons, percent, 2008	48.4%	49.3%

White persons, percent, 2008 (a)	96.6%	93.9%
Black persons, percent, 2008 (a)	0.3%	1.3%
American Indian and Alaska Native persons, percent, 2008 (a)	1.5%	2.5%
Asian persons, percent, 2008 (a)	0.2%	0.7%
Native Hawaiian and Other Pacific Islander, percent, 2008 (a)	Z	0.1%
Persons reporting two or more races, percent, 2008	1.4%	1.5%
Persons of Hispanic or Latino origin, percent, 2008 (b)	2.7%	7.7%
White persons not Hispanic, percent, 2008	94.1%	86.8%

Living in same house in 1995 and 2000, pct 5 yrs old & over	62.7%	51.3%
Foreign born persons, percent, 2000	0.8%	2.3%
Language other than English spoken at home, pct age 5+, 2000	1.8%	6.4%
High school graduates, percent of persons age 25+, 2000	85.2%	87.9%
Bachelor's degree or higher, pct of persons age 25+, 2000	14.5%	21.9%
Persons with a disability, age 5+, 2000	1,243	77,143
Mean travel time to work (minutes), workers age 16+, 2000	21.7	17.8

Housing units, 2008	3,327	246,393
Homeownership rate, 2000	77.9%	70.0%
Housing units in multi-unit structures, percent, 2000	6.3%	15.2%
Median value of owner-occupied housing units, 2000	\$66,700	\$96,600

Households, 2000	2,624	193,608
Persons per household, 2000	2.42	2.48

Median household income, 2008	\$50,412	\$54,735
Per capita money income, 1999	\$17,366	\$19,134
Persons below poverty level, percent, 2008	9.2%	9.5%
Business QuickFacts	Weston County	Wyoming
Private nonfarm establishments, 2007	219	20,765 ¹
Private nonfarm employment, 2007	1,679	215,615 ¹
Private nonfarm employment, percent change 2000-2007	7.6%	23.5% ¹
Nonemployer establishments, 2007	611	43,950
Total number of firms, 2002	746	53,103
Black-owned firms, percent, 2002	F	0.3%
American Indian and Alaska Native owned firms, percent, 2002	F	1.1%
Asian-owned firms, percent, 2002	F	0.8%
Native Hawaiian and Other Pacific Islander owned firms, percent, 2002	F	0.0%
Hispanic-owned firms, percent, 2002	F	2.5%
Women-owned firms, percent, 2002	23.9%	24.4%
Manufacturers shipments, 2002 (\$1000)	NA	4,061,516
Wholesale trade sales, 2002 (\$1000)	3,880	3,331,043
Retail sales, 2002 (\$1000)	34,081	5,783,756
Retail sales per capita, 2002	\$5,147	\$11,586
Accommodation and foodservices sales, 2002 (\$1000)	7,339	984,684
Building permits, 2008	12	2,669
Federal spending, 2008	79,429	5,969,487 ¹
Geography QuickFacts	Weston County	Wyoming
Land area, 2000 (square miles)	2,397.86	97,100.40
Persons per square mile, 2000	2.8	5.1
FIPS Code	045	56
Metropolitan or Micropolitan Statistical Area	None	

As of the census of 2000, there were 3,065 people, 1,253 households, and 844 families residing in the city. The population density was 1,242.1 people per square mile (479.1/km²). There were 1,458 housing units at an average density of 590.9/sq mi (227.9/km²). The racial makeup of the city was 95.79% White, 0.13% African American, 1.44% Native American, 0.29% Asian, 1.01% from other races, and 1.34% from two or more races. Hispanic or Latino of any race were 1.66% of the population.

There were 1,253 households out of which 30.4% had children under the age of 18 living with them, 54.0% were married couples living together, 10.1% had a female householder with no husband present, and 32.6% were non-families. 28.4% of all households were made up of individuals and 13.0% had someone living alone who was 65 years of age or older. The average household size was 2.35 and the average family size was 2.88.

In the city the population was spread out with 24.3% under the age of 18, 7.9% from 18 to 24, 24.7% from 25 to 44, 24.5% from 45 to 64, and 18.6% who were 65 years of age or older. The median age was 40 years. For every 100 females there were 93.1 males. For every 100 females age 18 and over, there were 91.5 males.

The median income for a household in the city was \$29,873, and the median income for a family was \$36,929. Males had a median income of \$31,222 versus \$16,628 for females. The per capita income for the city was \$15,378. About 7.5% of families and 11.4% of the population and 7.5% of families were below the poverty line, including 14.8% of those under the age of 18 and 15.7% of those 65 and older.

4.0 ENVIRONMENTAL EFFECTS

4.1 Air Resources

Alternative A: No Action

Under the no action alternative, the monies received from those previously sold parcels where leases were not issued, would be refunded and no development would occur. Due to demand for oil and gas, it is expected that these parcels may be re-nominated in the future, consistent with appropriate land use planning decisions, and would be offered for sale with additional stipulations. There is no way to accurately predict what level of restrictions future leasing may require, but it can be assumed that a substantial portion of the development that would have been authorized under the leases currently sold would still be permitted under future leases. Nominations of parcels for lease under future land use plans and decisions would be screened for consistency with the land use plan in effect at the time, and the appropriate environmental analysis would be conducted to determine associated air quality impacts. Impacts to air quality from leases issued from any future sales would be analyzed in the appropriate environmental documents for those sales. Analysis of air quality impacts is also required at the time an application for a permit to drill is submitted.

A decision to not issue leases for any of the 105 parcels would support continued current uses of these parcels. These uses are primarily associated with grazing, with some dispersed recreation such as hunting and hiking. These uses typically entail vehicle travel for access, and would be expected to continue at current rates.

Alternative B: Proposed Action

Issuing leases for the subject tracts would have no direct impacts to air quality. Any potential effects to air quality would occur if and when the leases were developed. Over the last 10 years, the leasing of Federal oil and gas mineral estate in the Newcastle Field Office has resulted in an average total of 30 wells drilled on federal leases annually. These wells would contribute a small percentage of the total emissions (including GHG's) from oil and gas activities in Wyoming.

Potential impacts of development could include increased air borne soil particles associated with the construction of new well pads, pipelines, or roads, exhaust emissions from drilling equipment, compressors, vehicles, and dehydration and separation facilities, as well as potential releases of GHG and volatile organic compounds during drilling or production activities. The amount of increased emissions cannot be quantified at this time since it is unknown how many wells might be drilled, the types of equipment needed if a well were to be completed successfully (e.g. compressor, separator, dehydrator), or what technologies may be employed by a given company for drilling any new wells. The degree of impact will also vary according to the characteristics of the geologic formations from which production occurs. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

(The petroleum resources specific to these leases in the Proposed Action are not known whether they are gas or oil or a combination thereof). The absolute density of drilling depends upon the technology

available (vertical, directional, or horizontal) and the geology of the hydrocarbon-bearing zone. As a result, it is unknown the specific numbers of wells that could potentially be drilled under a full field development scenario as a result of issuing the leases. However, the RFD takes these assumptions into account, and on a Field Office wide basis, is still valid. Current APD permitting trends within the field office confirm that these assumptions are still accurate as from October 1999 through September 30, 2009 the Newcastle Field Office has approved 296 APDs, or an average of 30 APDs per year.

Subsequent development of any leases issued, would contribute a small incremental increase in overall hydrocarbon emissions, including GHGs. When compared to total national or global emissions, the amount released as a result of potential production from the proposed lease tracts would not have a measurable effect.

Coalbed methane development does not currently exist within the field office and, therefore, there are no expected emissions from this source due to the lack of interest by Newcastle Operators.

Alternative C: Full Lease Issuance:

Under this alternative, leases would be issued with the aforementioned stipulations. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, drilling and production, the potential for impacts are similar to, but have a higher probability of occurring in larger amounts, as under Alternative B. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Mitigation

None

4.2 Greenhouse Gas Emissions

Alternative A: No Action

A decision to not issue the leases would preclude oil and gas development that could contribute greenhouse gas emissions from these leases. However, as discussed previously under the no action alternative, this would not preclude future nomination, leasing, and development consistent with land use planning decisions at that time. Based on demand for oil and gas, it is expected that these parcels would be nominated in the future, consistent with appropriate land use planning decisions, and would be offered for sale with appropriate stipulations. There is no way to accurately predict what level of restrictions future leasing may require, but it can be assumed that a substantial portion of the development that would have been authorized under the leases currently sold would still be permitted under future leases. This would result in a postponement of development, and the possibility of the development occurring with increased restriction on greenhouse gas emissions. The levels and types of restrictions would be determined at the time of lease, and submittal of development activities for approval, but are expected to allow for at least moderate development of areas open to leasing. Therefore, the no-action alternative would likely delay, and not prevent, greenhouse gas emissions. The no-action alternative may also result in reduced levels of emissions associated with future expanded restrictions.

See Section 4.5 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change.

Alternative B: Proposed Action

The issuance of leases in itself would not result in any direct greenhouse gas emissions. However, in regard to future development, the assessment of GHG emissions and climate change is in its formative phase. While it is not possible to accurately quantify potential GHG emissions in the affected areas as a result of making the proposed tracts available for leasing, some general assumptions however can be made: issuing the proposed tracts may contribute to drilling new wells.

The Center for Climate Strategies (CCS) prepared the Wyoming Greenhouse Gas Inventory and Reference Case Projection 1990-2020 (Inventory) for the Wyoming Department of Environmental Quality (WYDEQ) through an effort of the Western Regional Air Partnership (WRAP). This inventory report presents a preliminary draft greenhouse gas (GHG) emissions inventory and forecast from 1990 to 2020 for Wyoming. This report provides an initial comprehensive understanding of Wyoming's current and possible future GHG emissions. The information presented provides the State with a starting point for revising the initial estimates as improvements to data sources and assumptions are identified.

The inventory report discloses that activities in Wyoming accounted for approximately 56 million metric tons (MMt) of *gross* carbon dioxide equivalent (CO₂e) emissions in 2005, an amount equal to 0.8% of total US gross GHG emissions. These emission estimates focus on activities in Wyoming and are *consumption-based*; they exclude emissions associated with electricity that is exported from the State. Wyoming's gross GHG emissions increased 25% from 1990 to 2005, while national emissions rose by only 16% from 1990 to 2004. Annual sequestration (removal) of GHG emissions due to forestry and other land-uses in Wyoming are estimated at 36 MMtCO₂e in 2005. Wyoming's per capita emission rate is more than four times greater than the national average of 25 MtCO₂e/yr. This large difference between national and State per capita emissions occurs in most of the sectors – Wyoming's emission per capita significantly exceed national emissions per capita for the following sectors: electricity, industrial, fossil fuel production, transportation, industrial process and agriculture. The reasons for the higher per capita intensity in Wyoming are varied but include the State's strong fossil fuel production industry and other industries with high fossil fuel consumption intensity, large agriculture industry, large distances, and low population base. Between 1990 and 2005, per capita emissions in Wyoming have increased, mostly due to increased activity in the fossil fuel industry, while national per capita emissions have changed relatively little.

Wyoming's gross GHG emissions are expected to continue to grow to 69 MMtCO₂e by 2020, 56% above 1990 levels. As shown in Figure ES-3, demand for electricity is projected to be the largest contributor to future emissions growth, followed by emissions associated with transportation. Although GHG emissions from fossil fuel production had the greatest increase by sector in the period 1990 to 2005, the growth from this sector is projected to decline due to assumption of decreased carbon dioxide emissions from venting at processing plants.

As of 2008, the Inventory indicates that there over 33,000 oil and gas wells in the State.

There are approximately 1390 existing Federal oil and gas wells in the Newcastle Field Office, which account for approximately 4.2 percent of the total Federal wells in Wyoming. Therefore, GHG emissions from all wells within the field office amount to approximately 0.8232 metric tons annually (mt) ($19.6 \text{ mt} \times 0.042 = 0.8232 \text{ mt}$).

Based on this emission factor, each potential well that may be drilled on these parcels, if issued, could emit approximately 0.00059 mt. It is unknown what the drilling density may be for these parcels, if they were to be developed; therefore, it is impossible to predict what level of emissions could occur from development at this stage under the proposed action.

See Section 4.5 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Alternative C: Full Lease Issuance

Under this alternative, leases would be issued with the appropriate stipulations as listed in Appendix A. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, drilling and production, the potential for greenhouse gas emissions are similar to, but have a higher probability of occurring in larger amounts, as under Alternative B.

See Section 4.5 for a discussion of the impacts of these potential greenhouse gas emissions on global climate change. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Mitigation

The BLM holds regulatory jurisdiction over portions of natural gas and petroleum systems, identified in the EPA Inventory of US Greenhouse Gas Emissions and Sinks document. Exercise of this regulatory jurisdiction has led to development of “Best Management Practices (BMPs)” designed to reduce emissions from field production and operations. Analysis and approval of future development on the lease parcels would include applicable BMPs as conditions of approval (COAs) in order to reduce or mitigate GHG emissions. Additional measures developed at the project development stage would be incorporated as COAs in the approved APD or with a programmatic EIS, which are binding on the operator.

Such mitigation measures may include, but are not limited to:

- Flare hydrocarbon and gases at high temperatures in order to reduce emissions of incomplete combustion through the use of multi-chamber combustors;
- “Green” (flareless) completions,
- Water dirt roads during periods of high use in order to reduce fugitive dust emissions;
- Require that vapor recovery systems be maintained and functional in areas where petroleum liquids are stored;

- Installation of liquids gathering facilities or central production facilities to reduce the total number of sources and minimize truck traffic,
- Use of natural gas fired or electric drill rig engines,
- The use of selective catalytic reducers on diesel-fired drilling engines; and,
- Re-vegetate areas of the pad not required for production facilities to reduce the amount of dust from the pads.

The EPA Inventory data show that adoption by industry of the Best Management Practices proposed by the EPA's Natural Gas Energy Star program has reduced emissions from oil and gas exploration and development (Inventory of US Greenhouse Gas Emissions and Sinks: 1990-2006). The Newcastle Field Office will work with industry to facilitate the use of the relevant BMPs for operations proposed on federal mineral leases where such mitigation is consistent with agency policy.

4.3 Wildlife

Special Status Species

Alternative A: No Action

Under the No-Action alternative, oil and gas development of the parcels would not occur. Therefore, no impacts would result from BLM actions. Additionally, activities in Sage Grouse Core Areas would be limited to those associated with current land uses, primarily recreation and agriculture. Approximately 279.35 acres of Sage Grouse Core Areas would not be developed, consistent with the WY Governor's strategy to conserve the species in support of the USFWS finding of Warranted but Precluded. As discussed previously, many of these parcels may be eligible for nomination, lease, and development in the future, and could be leased subject to appropriate levels of restriction identified in the RMP at the time.

Alternative B: Proposed Action

Under this alternative, a recommendation to issue leases for all parcels, except one, would be made to the State Director. WY-0904-012 would be deferred until the process could be concluded to include the Greater Sage Grouse Stipulation addition. Approximately 279.35 acres of development would be curtailed until stipulations in accordance with the Sage Grouse Core strategy could be attached to leases for the affected parcels. Once the lease stipulations are revised, the High Bidder would be given a chance to accept or reject those changes. If the changes are rejected BLM would return all monies received a result of the sale and the parcels would not be subject to development unless and until offered and leased at a future lease sale. All other impacts are the same as those described in the Newcastle RMP as it relates to Sage Grouse.

Alternative C: Full Lease Issuance

Under this alternative, all leases would be issued with the stipulations as detailed in Appendix A. However, due to the larger acreage under this Alternative potentially subject to surface disturbing activities, the potential for impacts are similar to, but have a higher probability of occurring and at a greater intensity, as under Alternative B. Without conformance with the WY Sage Grouse Core Area

Conservation Strategy, it is likely that the Sage Grouse would be listed as a T&E species; such a listing would violate the BLM Sensitive Species policy as authorized under BLM Manual 6840.

Mitigation

Modification of the stipulations for one parcel, WY-0904-012, is recommended to ensure continued population and habitat objectives for the Greater Sage Grouse. Additional mitigation and/or Conditions of Approval could be identified at the development stage to further minimize impacts associated with oil and gas development.

4.4: Socio-economics

Alternative A-- No Action:

Under this alternative, no leases would be issued and no development under those leases would occur. As primarily rural communities that rely heavily on energy development revenue and agricultural uses, the communities in the leasing areas are likely to be negatively impacted by loss of potential revenue from subsequent development, of these parcels. However, the pace of development has historically been slower than that in many areas of the state, with approximately 30 Applications for Permits to Drill (APD) approved per year. The projection under the RMP Reasonable Foreseeable Development scenario is for approximately 30 wells per year. Because there is demand for oil and gas, it is expected that if the leases are not issued the parcels will be re-nominated and leased in the future under more stringent stipulations. This would still allow for development of leases, and generation of revenue from Federally-managed minerals. Therefore, it is an assumption that the No Action Alternative (no lease option) may result in a slight reduction in domestic production of oil and gas. This would likely result in reduced Federal and State royalty income, and the potential for Federal land to be drained by wells on adjacent private or state land.

Under the No-Action alternative, the BLM will be expected to refund \$1,695,001.00 in bonus bids, filing fees, and rental fees. By law, the BLM provides approximately 50% of that revenue to the State of Wyoming. This represents a loss of considerable revenue to the State of Wyoming and to the Federal Government. Appendix B lists each parcel and the monies that were received for each lease sold during the period of June 2008 through May 2010.

Consumption of oil and gas developed from the proposed lease parcels is expected to produce GHGs. Consumption is driven by a variety of complex interacting factors including energy costs, energy efficiency, availability of other energy sources, economics, demography, and weather or climate.

Alternative B – Proposed Action:

Under this alternative, leases would be issued for 104 parcels. This would result in revenue of \$1,698,216.00 for the Federal and State government plus monies acquired from the sale and issuance of the 4 parcels currently available under the 2 year non-competitive process. The one parcel recommended for deferral has been sold, and the impacts include the loss of revenue from this parcel (\$785.00).

Development of the issued leases would proceed consistent with the Reasonable Foreseeable Development report, at approximately 30 wells per year. Specific economic impacts would be identified in the NEPA document supporting the Application for Permit to Drill, when a more accurate analysis is possible based on the speculative nature of leasing in relation to development.

Alternative C—Full Lease Issuance:

Under this alternative, all leases would be issued. This would provide the most opportunity for development of oil and gas, and the most revenue for the Federal government and the State (\$1.695M). Under this alternative, no money would be refunded.

Mitigation

None.

4.5 Cumulative Impacts

There are approximately 1,390 Federal producing wells in the Newcastle Field Office; there are no producing coalbed methane production wells.

Analysis of cumulative impacts for reasonably foreseeable development (RFD) of oil and gas wells on public lands in the Newcastle Field Office is presented in the 2000 Newcastle Resource Management Plan (RMP). Potential development of all available federal minerals in the field office, including those in the proposed lease parcels, was included as part of the analysis.

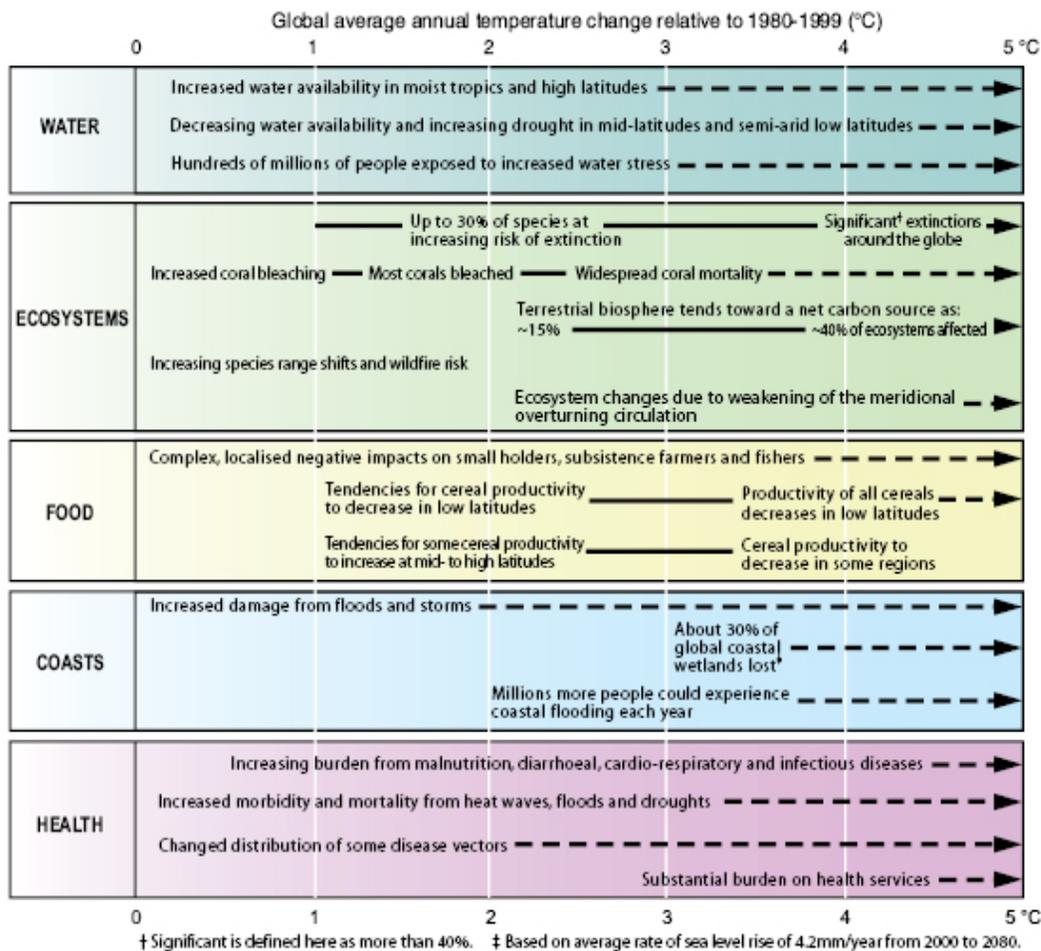
As described in the analysis of environmental consequences, the proposed action and/or the alternative may contribute to the effects of climate change to some extent through GHG emissions. However, it is not currently possible to associate any of these particular actions with the creation of any specific climate-related environmental effects. The lack of scientific tools designed to predict climate change at regional or local scales limits the ability to quantify potential future impacts.

The assessment of greenhouse gas (GHG) emissions and climate change is still in its formative phase; therefore, it is not yet possible to know with confidence the net impact on climate. However, the Intergovernmental Panel on Climate Change (IPCC 2007) recently concluded that “warming of the climate system is unequivocal” and “most of the observed increase in globally average temperatures since the mid-20th century is very likely due to the observed increase in anthropogenic [man-made] greenhouse gas concentrations.” As the temperatures of the land and sea change, environmental factors such as weather patterns, sea levels, precipitation rates, the timing of the seasons, desert distribution, forest cover, and ocean salinity will also change. These changes influence the world’s climate systems and will have different impacts to different areas. Some agricultural regions may become more arid while others become wetter; some mountainous areas will experience greater summer precipitation, yet experience disappearing snowpack.

Based on research compiled for the International Panel on Climate Change Fourth Assessment Report, 2007, potential effects of climate change on resources in the affected environment are likely to be varied.

Figure 4.5.1, taken from the Fourth Assessment Report indicates varying responses of the natural world to increasing temperatures as a result of increasing global temperatures.

Figure 4.5.1: Examples of impacts associated with global average temperature change (Impacts will vary by extent of adaptation, rate of temperature change and socio-economic pathway)



Within North America, the report specifically forecasts that: Warming in western mountains is projected to cause decreased snowpack, more winter flooding and reduced summer flows, exacerbating competition for over-allocated water resources; in the early decades of the century, moderate climate change is projected to increase aggregate yields of rain-fed agriculture by 5 to 20%, but with important variability among regions; major challenges are projected for crops that are near the warm end of their suitable range or which depend on highly utilized water resources; cities that currently experience heat waves are expected to be further challenged by an increased number, intensity and duration of heat waves during the course of the century, with potential for adverse health impacts and coastal communities and habitats will be increasingly stressed by climate change impacts interacting with development and pollution. Specific modeling and/or assessments of the potential effects for the Newcastle Field Office and for the State of WY currently do not exist.

Based on a 0.00059 mt/well emission factor (See Section 4.2), an RFD of 40 wells drilled and produced per year would result in approximately 0.0236mt of CO₂e, potentially being added to the current levels associated with oil and gas development in the Newcastle Field Office. It is unknown what the drilling density may be for these parcels, if they were to be developed; therefore, it is impossible to predict what level of emissions could occur from development at this stage under the proposed action.

The average number of oil and gas wells drilled annually in the Field Office and probable GHG emission levels, when compared to the total GHG emission estimates from the total number of Federal oil and gas wells in the State, represent an incremental contribution to the total regional and global GHG emission levels. This incremental contribution to global GHG gases cannot be translated into incremental effects on climate change globally or in the area of these site-specific actions. As oil and gas and natural gas production technology continues to improve in the future, one assumption is that it may be feasible to further reduce GHG emissions. Emissions of all regulated pollutants (including GHGs) and their impacts will be quantified and evaluated at the time that a specific development project is proposed.

Regarding the linkage between climate change related warming and associated impacts, an assessment of the IPCC states that difficulties remain in attributing observed temperature changes at smaller than continental scales. Therefore, it is currently beyond the scope of existing science to predict climate change on regional or local scales resulting from specific sources of GHG emissions.

Significant uncertainties remain with respect to the estimates of the current level of emissions and projections of future production of fossil fuels as the oil and gas industry is difficult to forecast with the mix of drivers: economics, resource supply, demand, and regulatory procedures. The assumptions used for the projections, based on recent trends or State production trends in the near-term, and AEO2006 growth rates through 2020, do not include any significant changes in energy prices, relative to today's prices. Large price swings, resource limitations, or changes in regulations could significantly change future production and the associated GHG emissions. Other uncertainties include the volume of GHGs vented from gas processing facilities in the future, any commercial oil shale or coal-to-liquids production, and potential emissions-reducing improvements in oil and gas production, processing, and pipeline technologies.

There are currently no proposals for renewable energy projects in the Newcastle Field Office.

5.0 Description of Mitigating Measures and Residual Impacts

The issuance of those leases identified under the proposed action will be mitigated by attaching appropriate conditions of approval to any subsequent requests for lease development either on a case by case basis or upon receipt of a multi-well project proposal. The Newcastle Field Office, Surface Use and Occupancy Requirements, Conditions of Approval, and the Newcastle Field Office's Special Leasing Stipulations, which are in place at the Wyoming State Office, will provide adequate mitigation for issuance of all lease parcels under the Proposed Action.

Direct, indirect, cumulative and residual impacts of leasing and lease development are generally described in the Newcastle Approved Resource Management Plan and Record of Decisions, September 20000. An environmental analysis will be prepared on a case-by-case basis upon receipt of future subsequent actions.

6.0 Consultation/Coordination

Newcastle Field Office BLM Staff:

Rod Randall, Natural Resource Specialist

Nate West, Wildlife Biologist

Alice Tratebas, Archaeologist

High Plains District Office BLM Staff:

Mike Robinson, EL&M Resource Advisor

Wyoming State Office BLM Staff

Christopher Carlton, Planning and Environmental Coordinator

Merry Gamper, Physical Scientist

7.0 References

EPA Inventory of US Greenhouse Gas Emissions and Sinks: 1990-2006. Environmental Protection Agency, Washington, D.C.

EPA, Natural Gas Star Program (2006 data) at: <http://www.epa.gov/gasstar/accomplish.htm>. Environmental Protection Agency, Washington, D.C.

Enquist, Carolyn and Gori, Dave. Implications of Recent Climate Change on Conservation Priorities in New Mexico. April 2008.

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IPCC, 2007: *Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change* [Core Writing Team, Pachauri, R.K and Reisinger, A. (eds.)]. IPCC, Geneva, Switzerland, 104 pp.

National Academy of Sciences. 2006. *Understanding and Responding to Climate Change: Highlights of National Academies Reports*. Division on Earth and Life Studies. National Academy of Sciences. Washington, D.C. (Available on the Internet: <http://dels.nas.edu/basc/Climate-HIGH.pdf>.)

U.S. Department of the Interior, Bureau of Land Management. 1988. *Newcastle Proposed Resource Management Plan and Final Environmental Impact Statement*. Newcastle, Wyoming.

U.S. Department of the Interior, Bureau of Land Management. 1988. *Newcastle Approved Resource Management and Plan Record of Decision*. Newcastle, Wyoming.

U.S. Department of the Interior, Bureau of Land Management. 1998. *Newcastle Proposed Resource Management Plan and Final Environmental Impact Statement*. Newcastle, Wyoming.

U.S. Department of the Interior, Bureau of Land Management. 1998. *Newcastle Approved Resource Management and Plan Record of Decision*. Newcastle, Wyoming

U.S. Census Bureau, QuickFacts Finder

7.1 Authorities

Code of Federal Regulations (CFR) 3100

40 CFR All Parts and Sections inclusive Protection of Environment, Revised as of July 1, 2001.

43 CFR, All Parts and Sections inclusive - Public Lands: Interior. Revised as of October 1, 2000.

U.S. Department of the Interior, Bureau of Land Management and Office of the Solicitor (editors). 2001. *The Federal Land Policy and Management Act, as amended*. Public Law 94-579.

APPENDIX A

Lease Parcels

June 2008 Final Parcel List

WY-0806-004 40.000 Acres
T.0450N, R.0630W, 06th PM, WY
Sec. 031 SWSE;
Weston County
Newcastle FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Sage grouse.

WY-0806-005 306.070 Acres
T.0440N, R.0640W, 06th PM, WY
Sec. 002 SENE;
031 LOTS 3,4;
031 NENW,E2SW,W2SE;
Weston County
Newcastle FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation
TLS (1) Mar 15 to Jul 15; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Sage grouse.
TLS (1) Feb 1 to Jul 31; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

WY-0806-010 840.000 Acres
T.0560N, R.0670W, 06th PM, WY
Sec. 013 E2SW;
027 N2NW;
028 ALL;
035 SESE;
Crook County
Newcastle FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

WY-0806-012 551.410 Acres
T.0570N, R.0680W, 06th PM, WY
Sec. 001 LOTS 6-8;
001 S2NW, W2SW;
002 LOTS 5,6;
010 LOTS 4-6;
014 NWNW, SESW;
015 NENE;

Crook County
Newcastle FO
Formerly Lease No.
Stipulations:

Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Sage grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

WYOMING ACQUIRED

WY-0806-214 79.890 Acres
T.0440N, R.0670W, 06th PM, WY
Sec. 003 LOTS 4;
003 SWNW;

Weston County
Newcastle FO
Formerly Lease No.
Stipulations:

Lease Notice No. 1
Lease Notice No. 2

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

August 2008 Final Parcel List

WY-0808-008 162.580 Acres
T.0440N, R.0660W, 06th PM, WY
Sec. 001 LOTS 2,3;
001 NESW,NWSE;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Greater sage-grouse.

WY-0808-009 74.630 Acres
T.0440N, R.0670W, 06th PM, WY
Sec. 006 LOTS 7;
006 SESW;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the
Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Greater sage-grouse.

WY-0808-011 229.750 Acres
T.0490N, R.0680W, 06th PM, WY
Sec. 003 LOTS 5,8-11,13;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

WY-0808-012 126.850 Acres
T.0510N, R.0680W, 06th PM, WY
Sec. 009 LOTS 2,3;
010 LOTS 4;

Crook County
Newcastle FO
Formerly Lease No.
Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

October 2008 Final Parcel List

WY-0810-005 80.000 Acres

T.0380N, R.0620W, 06th PM, WY

Sec. 025 S2SW;

Niobrara County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Centrocerus urophasianus* (Greater sage-grouse).

WY-0810-007 480.000 Acres
T.0380N, R.0630W, 06th PM, WY
Sec. 007 SE;
008 S2;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its

obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0810-008 160.000 Acres
T.0440N, R.0630W, 06th PM, WY
Sec. 028 S2NW, N2SW;
Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting

Species listed on the Fish and Wildlife
Service County list.

WY-0810-009 80.000 Acres

T.0460N, R.0630W, 06th PM, WY

Sec. 020 E2SE;

Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the
Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

CSU (1) The lease area may now or hereafter
contain plants, animals, or their habitats
determined to be threatened, endangered, or
other special status species. BLM may
recommend modifications to exploration and
development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence
of a proposed or listed threatened or
endangered species or result in the
destruction or adverse modification of a
designated or proposed critical habitat. BLM
will not approve any ground-disturbing
activity that may affect any such species or
critical habitat until it completes its
obligations under applicable requirements of
the Endangered Species Act as amended, 16
U.S.C. § 1531 et seq., including completion of
any required procedure for conference or
consultation; (2) entire lease; (3) protecting
Species listed on the Fish and Wildlife
Service County list.

WY-0810-010 80.000 Acres
T.0460N, R.0630W, 06th PM, WY
Sec. 021 E2SW;
Weston County
Newcastle FO

Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the
Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

CSU (1) The lease area may now or hereafter
contain plants, animals, or their habitats
determined to be threatened, endangered, or
other special status species. BLM may
recommend modifications to exploration and
development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence
of a proposed or listed threatened or
endangered species or result in the
destruction or adverse modification of a
designated or proposed critical habitat. BLM
will not approve any ground-disturbing
activity that may affect any such species or
critical habitat until it completes its
obligations under applicable requirements of
the Endangered Species Act as amended, 16
U.S.C. § 1531 et seq., including completion of
any required procedure for conference or
consultation; (2) entire lease; (3) protecting
Species listed on the Fish and Wildlife
Service County list.

WY-0810-011 160.000 Acres
T.0460N, R.0630W, 06th PM, WY
Sec. 021 SE;
Weston County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-012 80.000 Acres

T.0460N, R.0630W, 06th PM, WY

Sec. 028 E2NE;

Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-013 160.000 Acres
T.0460N, R.0630W, 06th PM, WY
Sec. 028 NW;
Weston County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats

determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

WY-0810-014 320.000 Acres

T.0460N, R.0630W, 06th PM, WY

Sec. 029 E2;

Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid

BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed on the Fish and Wildlife Service County list.

December 2008 Final Parcel List

WY-0812-003 640.000 Acres
T.0380N, R.0660W, 06th PM, WY
Sec. 034 ALL;

Niobrara County

Newcastle FO

BUCKING HORSE UNIT

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses);

Centrocercus urophasianus (Greater sage-grouse).

WY-0812-010 920.640 Acres
T.0370N, R.0670W, 06th PM, WY
Sec. 002 SESW;
004 LOTS 1,2;
004 S2NE;
005 SESW;
006 SESW;
010 W2NE,SENE,NENW,SE;
011 S2N2,SW;

Converse and Niobrara Counties

Casper FO

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Casper Field Office GIS database and the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or

critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Casper Field Office GIS database and Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0812-011 120.000 Acres
T.0440N, R.0670W, 06th PM, WY
Sec. 001 SENW,NESW,SESE;

Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or

critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0812-012 520.000 Acres
T.0540N, R.0670W, 06th PM, WY
Sec. 020 NWSE;
021 E2,E2W2;

Crook County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or

critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse); *Charadrius montanus* (Mountain plover).

WY-0812-013 280.000 Acres
T.0570N, R.0670W, 06th PM, WY
Sec. 022 NW,W2SW,SESW;

Crook County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or

critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0812-024 366.120 Acres
T.0540N, R.0680W, 06th PM, WY
Sec. 012 LOTS 2,5,7,9-14;

Crook County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its

obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Antennaria arcuata* (Meadow pussytoes); *Centrocercus urophasianus* (Greater sage-grouse).

February 2009 Final Parcel List

WY-0902-004 400.000 Acres
T.0390N, R.0610W, 06th PM, WY
Sec. 004 SW,S2SE;
005 SE;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-005 360.000 Acres
T.0390N, R.0610W, 06th PM, WY
Sec. 008 NE,NENW;
009 NW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-008 360.000 Acres
T.0390N, R.0630W, 06th PM, WY
Sec. 015 NW,NWSE;
022 NW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-014 80.060 Acres

T.0350N, R.0640W, 06th PM, WY

Sec. 002 LOTS 3;

002 SENW;

Niobrara County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map

Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-024 360.000 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 003 SWSW;
 008 SENE,NESW,NWSE;
 009 E2SE;
 010 SWNW,W2SW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map

Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-025 763.060 Acres

T.0350N, R.0650W, 06th PM, WY

Sec. 008 NESE;

009 SWNE,SWSW;

017 NE,N2NW,SWNW;

018 LOTS 2,3;

018 NENE,S2NE,SENW,NESW,N2SE;

Niobrara County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle

Field Office GIS database; (3) protecting
Penstemon haydenii (Blowout penstemon).

WY-0902-026 400.000 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 009 SWSE;
014 SE;
017 N2SW,SESW,NWSE;
018 SWSE;

Niobrara County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

CSU (1) The lease area may now or hereafter
contain plants, animals, or their habitats
determined to be threatened, endangered, or
other special status species. BLM may
recommend modifications to exploration and
development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence
of a proposed or listed threatened or
endangered species or result in the
destruction or adverse modification of a
designated or proposed critical habitat. BLM
will not approve any ground-disturbing
activity that may affect any such species or
critical habitat until it completes its
obligations under applicable requirements of
the Endangered Species Act as amended, 16
U.S.C. § 1531 et seq., including completion of
any required procedure for conference or
consultation; (2) as mapped on the Newcastle
Field Office GIS database; (3) protecting
Penstemon haydenii (Blowout penstemon).

WY-0902-027 840.000 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 015 E2E2,W2NW,SENW,NWSW;
021 W2NE,NW;
023 N2N2,SWSE;
024 N2NW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Penstemon haydenii* (Blowout penstemon); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0902-028 361.880 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 017 E2SE;
018 SESE;
019 LOTS 2;
019 NE,SE,SW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Penstemon haydenii* (Blowout penstemon).

WY-0902-029 121.710 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 018 SESW;
019 LOTS 1;
019 NENW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Penstemon haydenii* (Blowout penstemon).

WY-0902-030 320.000 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 020 SESW,S2SE;
029 N2NE,E2NW;
033 NWSW;

Niobrara County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Penstemon haydenii* (Blowout penstemon); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0902-042 80.000 Acres
T.0460N, R.0680W, 06th PM, WY
Sec. 009 E2SW;

Weston County

Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0902-043 80.000 Acres
T.0480N, R.0680W, 06th PM, WY
Sec. 029 SWSE;
030 NENE;

Weston County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0902-044 194.970 Acres
T.0550N, R.0680W, 06th PM, WY
Sec. 034 LOTS 1,2,5,6;
035 LOTS 7,8;

Crook County
Newcastle FO

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

April 2009 Final Parcel List

WY-0904-002 2120.000 Acres

T.0410N, R.0650W, 06th PM, WY

Sec. 015 S2NE,SE;

022 ALL;

028 N2,N2SW,SESW,SE;

033 ALL;

Niobrara and Weston Counties

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Lance Creek Fossil Area paleontological values.

WY-0904-004 1440.000 Acres
T.0410N, R.0660W, 06th PM, WY
Sec. 019 NESW,SE;
020 SW;
028 SW,E2SE;
029 N2NW,SWNW,S2;
030 E2,E2SW;

Niobrara and Weston Counties

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence

of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses).

WY-0904-005 160.000 Acres
T.0410N, R.0660W, 06th PM, WY
Sec. 021 E2W2;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses).

WY-0904-006 1359.760 Acres
T.0410N, R.0660W, 06th PM, WY
Sec. 031 LOTS 1,2;
 031 E2,E2NW;
 032 NW,SE;
 033 N2,SW,W2SE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the

destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database and the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-011 39.780 Acres

T.0320N, R.0670W, 06th PM, WY

Sec. 002 LOTS 2;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a

designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses); Species affected by water depletions from the Platte River system.

WY-0904-012 279.350 Acres
T.0440N, R.0670W, 06th PM, WY
Sec. 001 LOTS 1,2;
001 S2NE,N2SE,SWSE;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0904-013 111.180 Acres
T.0470N, R.0670W, 06th PM, WY
Sec. 007 LOTS 1-3;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the

destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-014 79.920 Acres

T.0540N, R.0670W, 06th PM, WY

Sec. 006 LOTS 3;

006 SENW;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or

endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-015 40.000 Acres

T.0550N, R.0670W, 06th PM, WY

Sec. 019 NENW;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-016 80.000 Acres

T.0470N, R.0680W, 06th PM, WY

Sec. 035 E2SW;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0904-017 40.000 Acres

T.0480N, R.0680W, 06th PM, WY

Sec. 004 SWSW;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing

activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-018 80.000 Acres

T.0480N, R.0680W, 06th PM, WY

Sec. 017 W2NW;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing

activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-019 121.170 Acres
T.0490N, R.0680W, 06th PM, WY
Sec. 003 LOTS 6,7,12;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing

activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-020 313.680 Acres
T.0500N, R.0680W, 06th PM, WY
Sec. 003 LOTS 15-18;
010 LOTS 4,5,9,10;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0904-021 80.790 Acres

T.0540N, R.0680W, 06th PM, WY

Sec. 012 LOTS 1,8;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its

obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

NEBRASKA ACQUIRED

WY-0904-102 40.000 Acres

T.0010N, R.0400W, 06th PM, NE

Sec. 030 SENE;

Dundy County

Newcastle FO

US OWNS 50% MINERAL INTEREST

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Grus americana* (Whooping crane); *Mustela nigripes* (Black-footed ferret); Species affected by water depletions from the Platte River system.

June 2009 Final Parcel List

WY-0906-005 202.760 Acres
T.0490N, R.0660W, 06th PM, WY
Sec. 032 LOTS 11;
033 LOTS 7,8;
034 LOTS 20,21;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database;
(3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database
(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle

Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse); *Buteo regalis* (Ferruginous hawk).

WY-0906-006 320.000 Acres

T.0520N, R.0670W, 06th PM, WY

Sec. 022 SWNE,NW,N2SW,NWSE;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

August 2009 Final Parcel List

WY-0908-001 200.000 Acres

T.0410N, R.0610W, 06th PM, WY

Sec. 001 SE;

012 NENE;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) May 1 to Jun 30; (2) entire lease; (3) protecting big game during parturition.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

CSU (1) Surface occupancy or use within the visual horizon of the trail, particularly within the near distance, may be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) entire lease; (3) protecting cultural and scenic values of the Cheyenne-Deadwood Trail.

WY-0908-002 437.510 Acres
T.0370N, R.0630W, 06th PM, WY
Sec. 002 LOTS 1,2;
002 S2NE,NESW,N2SE,SWSE;
011 SENE;
012 NENE;
013 SENE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to

result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Penstemon haydenii* (Blowout penstemon); *Haliaeetus leucocephalus* (Bald eagle).

WY-0908-003 720.000 Acres
T.0370N, R.0630W, 06th PM, WY
Sec. 010 N2;
 011 NW,N2SW;
 014 W2NW;
 023 N2NE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may

recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Haliaeetus leucocephalus* (Bald eagle); *Penstemon haydenii* (Blowout penstemon).

WY-0908-004 160.000 Acres
T.0370N, R.0630W, 06th PM, WY
Sec. 019 S2SE;
020 W2SW;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS

database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Haliaeetus leucocephalus* (Bald eagle); *Penstemon haydenii* (Blowout penstemon).

WY-0908-005 80.000 Acres
T.0520N, R.0670W, 06th PM, WY
Sec. 019 E2NW;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats

determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0908-006 440.000 Acres
T.0480N, R.0680W, 06th PM, WY
Sec. 002 SWNW,W2SW,NESE;
003 SW,NESE,S2SE;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface

managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Greater sage-grouse breeding habitat.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0908-007 119.010 Acres
T.0490N, R.0680W, 06th PM, WY
Sec. 033 LOTS 1,2;
034 LOTS 3;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0908-008 436.060 Acres
T.0520N, R.0680W, 06th PM, WY
Sec. 001 LOTS 5,6;
002 LOTS 5,6;
003 LOTS 5;
015 LOTS 2,3,7,8;
T.0530N, R.0680W, 06th PM, WY
Sec. 026 LOTS 5;
035 LOTS 5;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0908-009 858.840 Acres
T.0520N, R.0680W, 06th PM, WY
Sec. 006 LOTS 10-13;
007 LOTS 5,7,8,10,12,13;
008 LOTS 1-4,6,8;
017 LOTS 1-3,6-8;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0908-010 444.230 Acres
T.0520N, R.0680W, 06th PM, WY
Sec. 023 LOTS 2,6,7;
024 LOTS 5,6,9,10;
025 LOTS 1-4;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter

contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0908-011 120.000 Acres
T.0550N, R.0680W, 06th PM, WY
Sec. 005 N2SW,SWSW;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may

recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Haliaeetus leucocephalus* (Bald eagle); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0908-012 80.000 Acres
T.0560N, R.0680W, 06th PM, WY
Sec. 017 N2NW;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to

a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

October 2009 Final Parcel List

WY-0910-005 640.410 Acres

T.0350N, R.0650W, 06th PM, WY

Sec. 001 LOTS 3,4;

001 S2NW;

002 SE;

011 NWNE,NENW,SW,S2SE;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing

activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-006 40.000 Acres

T.0350N, R.0650W, 06th PM, WY

Sec. 012 SWNE;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;

(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16

U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-007 160.000 Acres
T.0350N, R.0650W, 06th PM, WY
Sec. 012 S2NW,N2SW;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;
(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species

Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-008 2196.330 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 002 LOTS 1-4;
002 S2N2,S2;
003 LOTS 1,2;
003 S2NE,SE;
010 E2,E2NW,NWNW,SW;
011 ALL;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;
(3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease;
(3) protecting big game on crucial winter
range.

CSU (1) Surface occupancy or use may be
restricted or prohibited if paleontological
sites exist unless paleontological sites are
avoided or the operator and surface managing
agency arrive at an acceptable plan for
mitigation of anticipated impacts; (2) as
mapped on the Newcastle Field Office GIS
database; (3) protecting Lance Creek Fossil
Area paleontological values.

CSU (1) The lease area may now or
hereafter contain plants, animals, or their
habitats determined to be threatened,
endangered, or other special status species.
BLM may recommend modifications to exploration
and development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence

of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-009 919.750 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 004 LOTS 1-4;
004 S2N2,S2;
009 N2N2,S2SW,SWSE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;
(3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease;
(3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil

Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-010 2560.000 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 014 ALL;
015 ALL;
022 ALL;
023 ALL;

Niobrara County
Newcastle FO
Formerly Lease No.
Stipulations:
Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;

(3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease;

(3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-011 1440.000 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 021 E2NW,E2SE;
028 E2NW,SW,W2SE;
029 E2,E2NW,SWNW,N2SW;
033 N2,N2SE,SESE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-012 2480.000 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 026 ALL;
 027 E2,NW,E2SW;
 034 ALL;
 035 ALL;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter

contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-013 318.510 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 030 LOTS 4;
030 NE,NENW,SESW,NESE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-014 316.900 Acres
T.0390N, R.0650W, 06th PM, WY
Sec. 031 LOTS 3,4;
031 E2SW,SE;
Niobrara County
Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;

(3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease;

(3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-015 360.000 Acres

T.0390N, R.0650W, 06th PM, WY

Sec. 032 N2NE,SW,W2SE,SESE;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) entire lease;

(3) protecting nesting Raptors.

TLS (1) Nov 15 to Apr 30; (2) entire lease;

(3) protecting big game on crucial winter range.

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or

critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl).

WY-0910-016 1120.000 Acres
T.0390N, R.0660W, 06th PM, WY
Sec. 025 W2NE,S2;
026 N2SW,S2SE;
035 N2,W2SW,SE;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or

disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting *Spiranthes diluvialis* (Ute ladies'-tresses); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0910-017 640.000 Acres
T.0400N, R.0660W, 06th PM, WY
Sec. 011 ALL;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Nov 15 to Apr 30; (2) entire lease; (3) protecting big game on crucial winter range.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and

development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Cynomys ludovicianus* (Black-tailed prairie dog), *Charadrius montanus* (Mountain plover), *Athene cunicularia* (Burrowing owl); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0910-018 240.000 Acres
T.0400N, R.0660W, 06th PM, WY
Sec. 020 SW, W2SE;

Niobrara County
Newcastle FO
LONE CROW UNIT
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Nov 15 to Apr 30; (2) entire lease;
(3) protecting big game on crucial winter
range.

CSU (1) The lease area may now or hereafter
contain plants, animals, or their habitats
determined to be threatened, endangered, or
other special status species. BLM may
recommend modifications to exploration and
development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence
of a proposed or listed threatened or
endangered species or result in the
destruction or adverse modification of a
designated or proposed critical habitat. BLM
will not approve any ground-disturbing
activity that may affect any such species or
critical habitat until it completes its
obligations under applicable requirements of
the Endangered Species Act as amended, 16
U.S.C. § 1531 et seq., including completion of
any required procedure for conference or
consultation; (2) entire lease; (3) protecting
Centrocercus urophasianus (Greater sage-
grouse).

WY-0910-019 80.000 Acres
T.0440N, R.0680W, 06th PM, WY
Sec. 033 N2NW;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on
the Newcastle Field Office GIS database; (3)
protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0910-020 400.000 Acres
T.0460N, R.0680W, 06th PM, WY
Sec. 001 SW, W2SE;
010 N2S2;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3)

protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-021 41.550 Acres
T.0490N, R.0680W, 06th PM, WY
Sec. 024 LOTS 2;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3)

protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0910-022 644.620 Acres
T.0540N, R.0680W, 06th PM, WY
Sec. 007 LOTS 5-16;
008 LOTS 4,5,12,13;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter

contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16

U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Charadrius montanus* (Mountain plover).

WY-0910-023 76.590 Acres

T.0540N, R.0680W, 06th PM, WY

Sec. 029 LOTS 1,7;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0910-024 320.000 Acres
T.0560N, R.0680W, 06th PM, WY
Sec. 025 S2;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

December 2009 Final Parcel List

WY-0912-001 964.740 Acres
T.0350N, R.0600W, 06th PM, WY
Sec. 006 LOTS 1,2;
006 S2NE,SE;
007 LOTS 1-4;
007 E2,E2W2;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0912-002 1889.310 Acres
T.0400N, R.0650W, 06th PM, WY

Sec. 004 LOTS 1-4;
004 S2NW,SW,S2SE;
005 LOTS 1-4;
005 SWNE,SWNW,S2;
007 LOTS 1-4;
007 NE,E2W2,W2SE;
008 N2;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on
the Newcastle Field Office GIS database;
(3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on
the Newcastle Field Office GIS database;
(3) protecting nesting Greater
sage-grouse.

CSU (1) The lease area may now or hereafter
contain plants, animals, or their habitats
determined to be threatened, endangered, or
other special status species. BLM may
recommend modifications to exploration and
development proposals to further its
conservation and management objective to avoid
BLM-approved activity that will contribute to
a need to list such a species or their
habitat. BLM may require modifications to or
disapprove proposed activity that is likely to
result in jeopardy to the continued existence
of a proposed or listed threatened or
endangered species or result in the
destruction or adverse modification of a
designated or proposed critical habitat. BLM
will not approve any ground-disturbing
activity that may affect any such species or
critical habitat until it completes its
obligations under applicable requirements of

the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Buteo regalis* (Ferruginous Hawk); *Charadrius montanus* (Mountain plover); *Athene cunicularia* (Burrowing owl); *Cynomys ludovicianus* (Black-tailed prairie dog); *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Lance Creek Fossil Area paleontological values.

WY-0912-003 80.000 Acres
T.0410N, R.0660W, 06th PM, WY
Sec. 028 E2NE;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their

habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System and the Newcastle Field Office GIS database; (3) protecting *Athene cunicularia* (Burrowing owl); *Cynomys ludovicianus* (Black-tailed prairie dog); *Buteo regalis* (Ferruginous Hawk); *Charadrius montanus* (Mountain plover); *Spiranthes diluvialis* (Ute ladies'-tresses).

WY-0912-004 1286.600 Acres
T.0490N, R.0660W, 06th PM, WY
Sec. 022 LOTS 1-5;
 027 LOTS 1-29;
 033 LOTS 1,2;
 034 LOTS 1-12,14-19,22-24;

Crook County
Newcastle FO
Formerly Lease No.
Stipulations:

Lease Notice No. 1
Lease Notice No. 2
Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Greater sage-grouse breeding habitat.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Buteo regalis* (Ferruginous Hawk); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0912-005 2320.000 Acres
T.0400N, R.0670W, 06th PM, WY
Sec. 013 ALL;
014 NE,S2;
024 E2,E2W2,NWNW,SWSW;
025 ALL;

Niobrara County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Greater sage-grouse breeding habitat.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System and the Newcastle Field Office GIS database; (3) protecting *Buteo regalis* (Ferruginous Hawk); *Cynomys ludovicianus* (Black-tailed prairie dog); *Athene cunicularia* (Burrowing owl); *Charadrius montanus* (Mountain plover); *Spiranthes diluvialis* (Ute ladies'-tresses); *Centrocercus urophasianus* (Greater sage-grouse).

WY-0912-006 80.000 Acres
T.0480N, R.0670W, 06th PM, WY
Sec. 008 SWNW,SESW;

Weston County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM

will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-0912-007 235.640 Acres
T.0520N, R.0670W, 06th PM, WY
Sec. 018 E2SE;
019 LOTS 3;
019 NWNE,SENE,NESW;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of

the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

WY-0912-008 200.000 Acres
T.0570N, R.0670W, 06th PM, WY
Sec. 017 E2E2,SWSE;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its

obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Greater sage-grouse breeding habitat.

WY-0912-010 480.000 Acres
T.0480N, R.0680W, 06th PM, WY
Sec. 035 N2,N2S2;

Weston County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their

habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) Surface occupancy or use within 1/4 mile of a Greater sage-grouse strutting/dancing ground will be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting Greater sage-grouse breeding habitat.

WY-0912-011 120.980 Acres
T.0510N, R.0680W, 06th PM, WY
Sec. 025 LOTS 1;
035 LOTS 3,4;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on

the Newcastle Field Office GIS database;

(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

February 2010 Final Parcel List

WY-1002-001 1587.880 Acres

T.0400N, R.0610W, 06th PM, WY

Sec. 002 SWNW,SW;

003 LOTS 1-4;

003 S2N2,S2;

004 LOTS 1-3;

004 S2N2,SESE;

009 S2N2,SE;

010 E2SW;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or

consultation; (2) entire lease; (3) protecting Species listed under the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq.

CSU (1) Surface occupancy or use within 1/4 mile or visual horizon of the trail, whichever is closer, may be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) entire lease; (3) protecting cultural and scenic values of the Cheyenne-Deadwood Trail.

WY-1002-002 1869.450 Acres
T.0400N, R.0610W, 06th PM, WY
Sec. 006 LOTS 1-6;
006 S2NE,SE,SENW,NESW,SE;
T.0410N, R.0610W, 06th PM, WY
Sec. 018 SE;
019 LOTS 1-4;
019 NE,E2W2,N2SE,SWSE;
027 E2NE,SENW;
028 SWNE,NWSE;
030 LOTS 1-4;
030 W2NE,SENE,NESE;

Niobrara and Weston Counties

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid

BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

CSU (1) Surface occupancy or use within 1/4 mile or visual horizon of the trail, whichever is closer, may be restricted or prohibited unless the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) entire lease; (3) protecting cultural and scenic values of the Cheyenne-Deadwood Trail.

WY-1002-003 2120.000 Acres
T.0400N, R.0610W, 06th PM, WY
Sec. 010 N2N2;
T.0410N, R.0610W, 06th PM, WY
Sec. 020 NWNW,S2N2,N2S2;
021 W2W2;
027 NESW;
029 SWNE,S2NW,N2SW,SESW,W2SE;
032 E2,NESW;
033 S2NE,W2SW,SE;
034 SWNE,S2NW,SW,W2SE,SESE;

Niobrara and Weston Counties

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) entire lease; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

May 2010 Final Parcel List

WY-1005-008 1643.770 Acres

T.0350N, R.0650W, 06th PM, WY

Sec. 001 LOTS 1,2;

001 S2NE,SW;

003 NWSW,NWSE;

004 SESE;

009 NWNE,E2W2,NWSE;

012 N2NW,S2SW;

013 W2;

014 N2;

017 SENW,SWSW;

018 LOTS 4;

019 LOTS 3;

Niobrara County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its

obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office GIS database and the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Penstemon haydenii* (Blowout penstemon); *Spiranthes diluvialis* (Ute ladies'-tresses).

CSU (1) Surface occupancy or use may be restricted or prohibited if paleontological sites exist unless paleontological sites are avoided or the operator and surface managing agency arrive at an acceptable plan for mitigation of anticipated impacts; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting Lance Creek Fossil Area paleontological values.

WY-1005-010 1709.840 Acres

T.0520N, R.0670W, 06th PM, WY

Sec. 003 LOTS 2-4;

003 S2N2,N2SE;

004 SENE;

009 E2SW,SE;

010 SENE,NESE;

015 N2,NESW,NWSE;

021 NE,N2S2,SESW,W2SWSE;

022 E2E2,NWNE,E2SWSE;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter

contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-1005-011 600.000 Acres
T.0520N, R.0670W, 06th PM, WY
Sec. 008 SESW,S2SE;
 017 NE,S2;

Crook County
Newcastle FO
Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database;

(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

WY-1005-012 40.000 Acres

T.0530N, R.0670W, 06th PM, WY

Sec. 020 SWSW;

Crook County

Newcastle FO

Formerly Lease No.

Stipulations:

Lease Notice No. 1

Lease Notice No. 2

Lease Notice No. 3

Special Lease Stipulation

TLS (1) Mar 15 to Jul 15; (2) as mapped on the Newcastle Field Office GIS database; (3) protecting nesting Greater sage-grouse.

TLS (1) Feb 1 to Jul 31; (2) as mapped on the Newcastle Field Office GIS database;

(3) protecting nesting Raptors.

CSU (1) The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. § 1531 et seq., including completion of any required procedure for conference or consultation; (2) as mapped on the Newcastle Field Office/Niobrara County Oil and Gas Map Overlay System; (3) protecting *Centrocercus urophasianus* (Greater sage-grouse).

APPENDIX B

Parcel Information

Lease Serial Number	Parcel ID	Status	acreage	bonus bid	rental	filing fee	Lease Issuance recommendation	Recommend deferral for RMP Revision	Recommend deferral for RMP SG Amendment/ Core Area	Recommend deferral for Wilderness Characteristics	Recommend deferral for Stipulation Modification
WYW 176516	0806-10	Sold, not issued	840.00	\$1,680.00	1,260.00	140.00					
WYW 176518	0806-12	Sold, not issued	551.41	\$19,872.00	828.00	140.00					
WYW 176671	0806-214	Sold, not issued	79.89	\$1,120.00	120.00	140.00					
WYW 176511	0806-4	Sold, not issued	40.00	\$240.00	60.00	140.00					
WYW 176672	0806-5	Sold, not issued	306.07		460.50	360.00					
WYW 177087	0808-11	Sold, not issued	229.75	\$8,740.00	345.00	140.00					
WYW 177088	0808-12	Sold, not issued	126.85	\$4,699.00	190.50	140.00					
WYW 177084	0808-8	Sold, not issued	162.58	\$5,379.00	244.50	140.00					
WYW 177085	0808-9	Sold, not issued	74.63	\$13,125.00	112.50	140.00					
WYW 177326	0810-10	Sold, not issued	80.00	\$960.00	120.00	140.00					
WYW 177327	0810-11	Sold, not issued	160.00	\$960.00	240.00	140.00					
WYW 177328	0810-12	Sold, not issued	80.00	\$480.00	120.00	140.00					
WYW 177329	0810-13	Sold, not issued	160.00	\$3,200.00	240.00	140.00					
WYW 177330	0810-14	Sold, not issued	320.00	\$8,000.00	480.00	140.00					
WYW 177321	0810-5	Sold, not issued	80.00	\$2,000.00	120.00	140.00					
WYW 177323	0810-7	Sold, not issued	480.00	\$7,680.00	720.00	140.00					
WYW 177324	0810-8	Sold, not issued	160.00	\$1,760.00	240.00	140.00					
WYW 177325	0810-9	Sold, not issued	80.00	\$960.00	120.00	140.00					
WYW 177662	0812-10	Sold, not issued	920.64	\$44,208.00	1,381.50	140.00					
WYW 177663	0812-11	Sold, not issued	120.00	\$3,720.00	180.00	140.00					
WYW 177664	0812-12	Sold, not issued	520.00	\$14,040.00	780.00	140.00					

WYW 177665	0812-13	Sold, not issued	280.00	\$16,800.00	420.00	140.00					
WYW 177674	0812-24	Sold, not issued	366.12	\$5,872.00	550.50	140.00					
WYW 177655	0812-3	Sold, not issued	640.00	\$33,280.00	960.00	140.00					
WYW 177968	0902-14	Sold, not issued	80.06	\$4,941.00	121.50	140.00					
WYW 177977	0902-24	Sold, not issued	360.00	\$7,920.00	540.00	140.00					
WYW 177978	0902-25	Sold, not issued	763.06	\$32,088.00	1,146.00	140.00					
WYW 177979	0902-26	Sold, not issued	400.00	\$17,200.00	600.00	140.00					
WYW 177980	0902-27	Sold, not issued	840.00	\$36,960.00	1,260.00	140.00					
WYW 177981	0902-28	Sold, not issued	361.88	\$9,774.00	543.00	140.00					
WYW 177982	0902-29	Sold, not issued	121.71	\$3,294.00	183.00	140.00					
WYW 177983	0902-30	Sold, not issued	320.00	\$25,280.00	480.00	140.00					
WYW 177960	0902-4	Sold, not issued	400.00	\$800.00	600.00	140.00					
WYW 177995	0902-42	Sold, not issued	80.00	\$8,720.00	120.00	140.00					
WYW 177996	0902-43	Sold, not issued	80.00	\$2,560.00	120.00	140.00					
WYW 177997	0902-44	Sold, not issued	194.97	\$5,070.00	292.50	140.00					
WYW 177961	0902-5	Sold, not issued	360.00	\$720.00	540.00	140.00					
WYW 177962	0902-8	Sold, not issued	360.00	\$10,440.00	540.00	140.00					
WYW 178248	0904-12	Sold, not issued	279.35		420.00	365.00	Defer Issuance				X
	0904-21	Noncompetitive	80.79								
	0904-102	Noncompetitive	40								
	0904-11	Noncompetitive	39.78								
WYW 178168	0904-13	Sold, not issued	111.18	\$224.00	168.00	140.00					
WYW 178169	0904-14	Sold, not issued	79.92	\$400.00	120.00	140.00					
WYW 178170	0904-15	Sold, not issued	40.00	\$80.00	60.00	140.00					
WYW 178171	0904-16	Sold, not issued	80.00	\$160.00	120.00	140.00					

WYW 178172	0904-17	Sold, not issued	40.00	\$80.00	60.00	140.00					
WYW 178173	0904-18	Sold, not issued	80.00	\$2,000.00	120.00	140.00					
WYW 178174	0904-19	Sold, not issued	121.17	\$1,464.00	183.00	140.00					
WYW 178159	0904-2	Sold, not issued	2120.00	\$33,920.00	3,180.00	140.00					
WYW 178175	0904-20	Sold, not issued	313.68	\$2,198.00	471.00	140.00					
WYW 178161	0904-4	Sold, not issued	1440.00	\$33,120.00	2,160.00	140.00					
WYW 178162	0904-5	Sold, not issued	160.00	\$3,840.00	240.00	140.00					
WYW 178163	0904-6	Sold, not issued	1359.76	\$46,240.00	2,040.00	140.00					
WYW 178322	0906-5	Sold, not issued	202.76	\$406.00	304.50	140.00					
WYW 178323	0906-6	Sold, not issued	320.00	\$640.00	480.00	140.00					
WYW 178528	0906-11	Sold, not issued	120.00		180.00	375.00					
WYW 178484	0906-1	Sold, not issued	200.00	\$6,000.00	300.00	140.00					
WYW 178493	0906-10	Sold, not issued	444.23	\$12,460.00	667.50	140.00					
WYW 178494	0906-12	Sold, not issued	80.00	\$1,600.00	120.00	140.00					
WYW 178485	0906-2	Sold, not issued	437.51	\$876.00	657.00	140.00					
WYW 178486	0906-3	Sold, not issued	720.00	\$1,440.00	1,080.00	140.00					
WYW 178487	0906-4	Sold, not issued	160.00	\$320.00	240.00	140.00					
WYW 178488	0906-5	Sold, not issued	80.00	\$5,200.00	120.00	140.00					
WYW 178489	0906-6	Sold, not issued	440.00	\$15,400.00	660.00	140.00					
WYW 178490	0906-7	Sold, not issued	119.01	\$720.00	180.00	140.00					
WYW 178491	0906-8	Sold, not issued	436.06	\$6,992.00	655.50	140.00					
WYW 178492	0906-9	Sold, not issued	858.84	\$6,013.00	1,288.50	140.00					
WYW 178689	0910-10	Sold, not issued	2560.00	\$51,200.00	3,840.00	145.00					
WYW	0910-11	Sold, not	1440.00	\$2,880.00	2,160.00	145.00					

178690		issued									
WYW 178691	0910-12	Sold, not issued	2480.00	\$59,520.00	3,720.00	145.00					
WYW 178692	0910-13	Sold, not issued	318.51	\$638.00	478.50	145.00					
WYW 178693	0910-14	Sold, not issued	316.90	\$634.00	475.50	145.00					
WYW 178694	0910-15	Sold, not issued	360.00	\$720.00	540.00	145.00					
WYW 178695	0910-16	Sold, not issued	1120.00	\$6,720.00	1,680.00	145.00					
WYW 178696	0910-17	Sold, not issued	640.00	\$10,880.00	960.00	145.00					
WYW 178697	0910-18	Sold, not issued	240.00	\$38,400.00	360.00	145.00					
WYW 178698	0910-19	Sold, not issued	80.00	\$560.00	120.00	145.00					
WYW 178699	0910-20	Sold, not issued	400.00	\$800.00	600.00	145.00					
WYW 178700	0910-21	Sold, not issued	41.55	\$84.00	63.00	145.00					
WYW 178701	0910-22	Sold, not issued	644.62	\$51,600.00	967.50	145.00					
WYW 178702	0910-23	Sold, not issued	76.59	\$3,850.00	115.50	145.00					
WYW 178703	0910-24	Sold, not issued	320.00	\$4,800.00	480.00	145.00					
WYW 178684	0910-5	Sold, not issued	640.41	\$102,560.00	961.50	145.00					
WYW 178685	0910-6	Sold, not issued	40.00	\$9,000.00	60.00	145.00					
WYW 178686	0910-7	Sold, not issued	160.00	\$17,600.00	240.00	145.00					
WYW 178687	0910-8	Sold, not issued	2196.33	\$39,546.00	3,295.50	145.00					
WYW 178688	0910-9	Sold, not issued	919.75	\$1,840.00	1,380.00	145.00					
WYW 178777	0912-1	Sold, not issued	964.74	\$1,930.00	1,447.50	145.00					
WYW 178785	0912-10	Sold, not issued	480.00	\$12,000.00	720.00	145.00					
WYW 178786	0912-11	Sold, not issued	120.98	\$242.00	181.50	145.00					
WYW 178778	0912-2	Sold, not issued	1889.31	\$3,780.00	2,835.00	145.00					
WYW 178779	0912-3	Sold, not issued	80.00	\$2,080.00	120.00	145.00					

WYW 178780	0912-4	Sold, not issued	1286.60	\$2,574.00	1,930.50	145.00					
WYW 178781	0912-5	Sold, not issued	2320.00	\$155,440.00	3,480.00	145.00					
WYW 178782	0912-6	Sold, not issued	80.00	\$160.00	120.00	145.00					
WYW 178783	0912-7	Sold, not issued	235.64	\$9,440.00	354.00	145.00					
	0912-8	Noncompetitive	200.00								
WYW 178969	1002-1	Sold, not issued	1587.88		2,382.00	375.00					
WYW 178970	1002-2	Sold, not issued	1869.45		2,805.00	375.00					
WYW 178971	1002-3	Sold, not issued	2120.00		3,180.00	375.00					
WYW 179120	1005-10	Sold, not issued	1709.84	\$3,420.00	2,565.00	145.00					
WYW 179121	1005-11	Sold, not issued	600.00	\$3,000.00	900.00	145.00					
WYW 179122	1005-12	Sold, not issued	40.00	\$1,280.00	60.00	145.00					
WYW 179118	1005-8	Sold, not issued	1643.77	\$452,100.00	2,466.00	145.00					