

Attachment A
Pre-DNA Parcels Proposed for Lease
May 2012 - Colorado Competitive Oil & Gas Lease Sale

The Colorado State Office is offering competitively **7 parcels** containing **5162.96** acres of Federal mineral estate in the State of Colorado for oil and gas leasing.

THE FOLLOWING ACQUIRED LANDS ARE SUBJECT TO FILINGS IN THE MANNER SPECIFIED IN THE APPLICABLE PORTIONS OF THE REGULATIONS IN 43 CFR, SUBPART 3120.

PARCEL ID: 6163 SERIAL #:

T. 0030N., R 0920W., 6TH PM
Sec. 6: Lot 4;

Moffat County
Colorado 40.000 Acres

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

BLM; CDO: WRRRA

PARCEL ID: 6164 SERIAL #:

T. 0030N., R 0920W., 6TH PM
Sec. 14: NE,W2,W2SE;
Sec. 15: ALL;
Sec. 16: ALL;
Sec. 22: NWNE,NENW,W2NW;

Rio Blanco County
Colorado 2000.000 Acres

The following lands are subject to Exhibit CO-03 to protect raptor nests:

T. 0030N., R 0920W., 6TH PM
Sec. 22: NWNE;

The following lands are subject to Exhibit CO-18 to protect raptor nesting and fledgling habitat:

T. 0030N., R 0920W., 6TH PM
Sec. 14: NENE;
Sec. 15: SWSW;
Sec. 16: NWSW,S2S2;
Sec. 16: S2S2;
Sec. 16: NWSW;
Sec. 22: W2NW,NWNE;

The following lands are subject to Exhibit CO-25 to protect surface or underground coal mines:

T. 0030N., R 0920W., 6TH PM

Sec. 15: S2S2;
Sec. 15: S2NE,N2S2;
Sec. 15: NW,N2NE;
Sec. 16: N2,N2S2;
Sec. 16: S2S2;

The following lands are subject to Exhibit CO-26 to protect fragile soils:

T. 0030N., R 0920W., 6TH PM
Sec. 14: NW,NWSW;
Sec. 15: S2S2;
Sec. 15: N2S2,S2NE;
Sec. 15: NW,N2NE;
Sec. 16: S2S2;
Sec. 16: N2,N2S2;
Sec. 22: NENW,W2NWNWNE;

The following lands are subject to Exhibit CO-27 to protect steep slopes:

T. 0030N., R 0920W., 6TH PM
Sec. 14: NENW,SWNW;
Sec. 15: SESE;
Sec. 15: NESE;

The following lands are subject to Exhibit CO-28 to protect riparian/wetland vegetation:

T. 0030N., R 0920W., 6TH PM
Sec. 14: NWNW;
Sec. 15: NENW,N2NE;
Sec. 15: SENE;

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

PVT/BLM;BLM; CDO: WRRRA

PARCEL ID: 6171 SERIAL #:

T. 0030N., R 0930W., 6TH PM
Sec. 11: Lot 21;
Sec. 12: Lot 5,6;
Sec. 12: E2NW;

Moffat County
Colorado 150.78 Acres

The following lands are subject to Exhibit CO-25 to protect surface or underground coal mines:

T. 0030N., R 0930W., 6TH PM
Sec. 11: Lot 21;
Sec. 12: Lot 5;
Sec. 12: Lot 6;
Sec. 12: E2NW;

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

BLM; CDO: LSRA

PARCEL ID: 6174 SERIAL #:

T. 0040N., R 0940W., 6TH PM
Sec. 26: Lot 3;
Sec. 35: Lot 2;

Moffat County
Colorado 55.660 Acres

The following lands are subject to Exhibit CO-01 to protect the integrity of existing coal mine operations:

T. 0040N., R 0940W., 6TH PM
Sec. 35: Lot ALL;

The following lands are subject to Exhibit CO-25 to protect surface or underground coal mines:

T. 0040N., R 0940W., 6TH PM
Sec. 26: Lot 3;

The following lands are subject to Exhibit CO-28 to protect riparian/wetland vegetation:

T. 0040N., R 0940W., 6TH PM
Sec. 35: Lot 2;

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

PVT/BLM; CDO: LSRA

PARCEL ID: 6175 SERIAL #:

T. 0050N., R 0950W., 6TH PM
Sec. 19: SENW;
Sec. 29: N2SW,NWSE;
Sec. 30: Lot 7;

Moffat County
Colorado 199.780 Acres

The following lands are subject to Exhibit CO-26 to protect fragile soils:

T. 0050N., R 0950W., 6TH PM
Sec. 29: ALL;
Sec. 30: Lot ALL;

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

The following lands are subject to Exhibit LS-12 to alert lessee of potential closure for sheep lambing grounds:

T. 0050N., R 0950W., 6TH PM
Sec. 19: SENW;

BLM; CDO: LSRA

PARCEL ID: 6182 SERIAL #:

T. 0040N., R 0970W., 6TH PM
Sec. 7: E2SW;
Sec. 21: SW;

Moffat County

Colorado 240.000 Acres

All lands are subject to Exhibit CO-34 to alert lessee of potential habitat for a threatened, endangered, candidate, or other special status plant or animal.

All lands are subject to Exhibit CO-39 to protect cultural resources.

BLM; CDO: LSRA

PARCEL ID: 6183 SERIAL #:

T. 0060N., R 0970W., 6TH PM
Sec. 1: Lot 5-8;
Sec. 1: S2N2,S2;
Sec. 2: Lot 5-8;
Sec. 2: S2N2,S2;
Sec. 3: Lot 5-8,10;
Sec. 3: SENW,S2NE,S2;
Sec. 4: Lot 19,20,23,30,32,34;
Sec. 4: SESE;
Sec. 5: Lot 5-9,12,14-16,21;
Sec. 5: S2NW,SWNE;

Moffat County

Colorado 2476.740 Acres

The following lands are subject to Exhibit CO-03 to protect raptor nests:

T. 0060N., R 0970W., 6TH PM
Sec. 5: Lot 9,12,14;
Sec. 5: SWNE;

The following lands are subject to Exhibit CO-28 to protect riparian/wetland vegetation:

T. 0060N., R 0970W., 6TH PM
Sec. 1: Lot 8;
Sec. 1: S2NW,E2SW,SWSE;
Sec. 2: Lot 8;
Sec. 2: SWNW,W2SW;
Sec. 5: Lot 5,9;

The following lands are subject to Exhibit LS-12 to alert lessee of potential closure for sheep lambing grounds:

T. 0060N., R 0970W., 6TH PM

Sec. 1: Lot 8;
Sec. 1: S2NW,SW,SWSE;
Sec. 2: Lot 5-8;
Sec. 2: S2N2,S2;
Sec. 3: Lot 5,6,7,8,10;
Sec. 3: S2NE,SENW,S2;
Sec. 4: Lot 19,20,23,30,32,34;
Sec. 4: SESE;

The following lands are subject to Exhibit LS-13 to alert lessee of special mitigation for prairie dog complexes:

T. 0060N., R 0970W., 6TH PM

Sec. 1: SWNW;
Sec. 2: Lot 5,6;
Sec. 2: S2NE;

BLM; CDO: LSRA

EXHIBIT CO-01

Lease Number:

NO SURFACE OCCUPANCY STIPULATION

No surface occupancy or use is allowed on the lands described below (legal description or other description):

For the purpose of:

Protection of surface and longwall coal mines where oil and gas development is incompatible with planned coal extraction.

Changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

This stipulation may be waived if the lessee agrees that any well approved for drilling will be plugged below the coal when the crest of the highwall or longwall approaches within 500 feet of the well. A suspension of operations and production will be considered for the lease only when a well is drilled and then plugged, and a new well or reentry is planned when the mine moves through the location.

EXHIBIT CO-03

Lease Number:

NO SURFACE OCCUPANCY STIPULATION

No surface occupancy or use is allowed on the lands described below (legal description or other description):

For the purpose of:

To protect raptor nests within a one-eighth mile radius from the site.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

An exception may be granted depending on current usage, or on the geographical relationship to topographic barriers and vegetation screening.

EXHIBIT CO-04

Lease Number:

NO SURFACE OCCUPANCY STIPULATION

No surface occupancy or use is allowed on the lands described below (legal description or other description):

For the purpose of:

To protect bald eagle roosts and nests within a one-quarter mile radius from the site.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

An exception may be granted to this stipulation depending on the current usage of the site, or the geographical relationship to the topographic barriers and vegetation screening.

EXHIBIT CO-09

Lease Number:

TIMING LIMITATION STIPULATION

No surface use is allowed during the following time period(s). This stipulation does not apply to operation and maintenance of production facilities.

December 1 through April 30

On the lands described below:

For the purpose of (reasons):

To protect big game (mule deer, elk, pronghorn antelope, and bighorn sheep) winter range, including crucial winter habitat and other definable winter range as mapped by the Colorado Division of Wildlife. This may apply to sundry notice that require an environmental analysis.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of the stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

An exception may be granted under mild winter conditions for the last 60 days of the closure.

EXHIBIT CO-18

Lease Number:

TIMING LIMITATION STIPULATION

No surface use is allowed during the following time period(s). This stipulation does not apply to operation and maintenance of production facilities.

February 1 through August 15

On the lands described below:

For the purpose of (reasons):

To protect raptor (this includes golden eagles, all accipiters, falcons [except the kestrels], all butteos, and owls) nesting and fledgling habitat during usage for one-quarter mile around the nest site.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of the stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

Exceptions may be granted during years when the nest site is unoccupied, when occupancy ends by or after May 15, or once the young have fledged and dispersed from the nest.

EXHIBIT CO-23

Lease Number:

TIMING LIMITATION STIPULATION

No surface use is allowed during the following time period(s). This stipulation does not apply to operation and maintenance of production facilities.

November 16 through April 15

On the lands described below:

For the purpose of (reasons):

To protect bald eagle winter roost sites within a one-half mile buffer around the site

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of the stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

Exception Criteria:

Exceptions may be granted for partial or complete visual screening of the oil and gas activity from the primary zone (that is, one-quarter mile around the roost site).

EXHIBIT CO-25

Lease Number:

CONTROLLED SURFACE USE STIPULATION

Surface Occupancy or use is subject to the following special operating constraints:

Operations proposed within the area of an approved surface or underground coal mine will be relocated outside the area to be mined or to accommodate room and pillar mining operations.

On the lands described below:

For the purpose of:

To protect surface or underground coal mines

Exception Criteria:

This stipulation may be waived without a plan amendment if the lessee agrees that the drilling of a well will be subject to the following conditions: (1)(a) well must be plugged when the mine approaches within 500 feet of the well and reentered or redrilled upon completion of the mining operation; (b) well must be plugged in accordance with Mine Safety and Health Administration (formerly Mine Enforcement and Safety Administration) Informational Report 1052; (c) operator will provide accurate location of where the casing intercepts the coal by providing a directional and deviation survey of the well to the coal operator; or (2) relocate well into a permanent pillar or outside the area to be mined. A suspension of operations and production will be considered when the well is plugged, and a new well is to be drilled after mining operations move through the location.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).

EXHIBIT CO-26

Lease Number:

CONTROLLED SURFACE USE STIPULATION

Surface occupancy or use is subject to the following special operating constraints.

On the lands described below:

For the purpose of:

Protecting fragile soils. Prior to surface disturbance of fragile soils, it must be demonstrated to the Authorized Officer through a plan of development that the following performance objectives will be met.

Performance Objectives:

- I. Maintain the soil productivity of the site.
- II. Protect off-site areas by preventing accelerated soil erosion (such as land-sliding, gullyng, drilling, piping, etc.) from occurring.
- III. Protect water quality and quantity of adjacent surface and groundwater sources.
- IV. Select the best possible site for development in order to prevent impacts to the soil and water resources.

Fragile soil areas, in which the performance objective will be enforced, are defined as follows:

- a. Areas rated as highly or severely erodible by wind or water, as described by the Soil Conservation Service in the Area Soil Survey Report or as described by on-site inspection.
- b. Areas with slopes greater than or equal to 35 percent, if they also have one of the following soil characteristics:
 - (1) a surface texture that is sand, loamy sand, very fine sandy loam, fine sandy loam, silty clay or clay;
 - (2) a depth to bedrock that is less than 20 inches;
 - (3) an erosion condition that is rated as poor; or
 - (4) a K factor of greater than 0.32.

EXHIBIT CO-26 (continued)

Performance Standards:

- I. All sediments generated from the surface-disturbing activity will be retained on site.
- II. Vehicle use would be limited to existing roads and trails.
- III. All new permanent roads would be built to meet primary road standards (BLM standards) and their location approved by the Authorized Officer. For oil and gas purposes, permanent roads are those used for production.
- IV. All geophysical and geochemical exploration would be conducted by helicopter, horseback, on foot, or from existing roads.
- V. Any sediment control structures, reserve pits, or disposal pits would be designed to contain a 100-year, 6-hour storm event. Storage volumes within these structures would have a design life of 25 years.
- VI. Before reserve pits and production pits would be reclaimed, all residue would be removed and trucked off-site to an approved disposal site.
- VII. Reclamation of disturbed surfaces would be initiated before November 1 each year.
- VIII. All reclamation plans would be approved by the Authorized Officer in advance and might require an increase in the bond.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820. See also Geothermal PEIS ROD section 2.3.3 at page 2-6.)

EXHIBIT CO-27/GGNCA-13

Lease Number:

CONTROLLED SURFACE USE STIPULATION

Surface occupancy or use is subject to the following special operating constraints.

On the lands described below:

For the purpose of:

Protecting soils on surfaces greater than 40 percent slope. Prior to surface disturbance of steep (greater than 40 percent) an engineering/reclamation plan must be approved by the Authorized Officer. Such plans must demonstrate how the following will be accomplished:

- a. Site productivity will be restored.
- b. Surface runoff will be adequately controlled.
- c. Off-site areas will be protected from accelerated erosion such as drilling, gullying, piping, and mass wasting.
- d. Surface-disturbing activities will not be conducted during extended wet periods.
- e. Construction will not be allowed when soils are frozen.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

EXHIBIT CO-28

Lease Number:

CONTROLLED SURFACE USE STIPULATION

Surface occupancy or use is subject to the following special operating constraints.

On the lands described below:

For the purpose of:

To protect perennial water impoundments and streams, and/or riparian/wetland vegetation by moving oil and gas exploration and development beyond the riparian vegetation zone.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820. See also Geothermal PEIS ROD section 2.3.3 at page 2-6.)

Exception Criteria:

Exceptions may be granted only if an on-site impact analysis shows no degradation of the resource values.

EXHIBIT CO-30/GGNCA-154

Lease Number:

LEASE NOTICE

- In order to protect nesting grouse species, surface-disturbing activities proposed during the period between March 1 and June 30 will be relocated, consistent with lease rights granted and section 6 of standard lease terms, out of grouse nesting habitat.

Sage grouse nesting habitat is described as sage stands with sagebrush plants between 30 and 100 centimeters in height and a mean canopy cover between 15 and 40 percent.

Greater prairie chicken nesting habitat is described as tall to mid-grass communities with a mean height density index of 5.85 decimeters with 11 percent bare ground and an average height of sandsage at 84 centimeters; grasses 111 centimeters; and forbs 83 centimeters. (Nesting occurs within an average distance of 2.4 km of a lek.)

Lesser prairie chicken nesting habitat is described as short-mid grass and sandsage communities with a mean height density index of 3.5 decimeters with an average grass canopy coverage of 30 percent and 7 percent sandsage. The predominate plant associated with nesting cover is sandsage with an average height of 40-50 centimeters. (Nesting occurs within an average distance of 1.8 km [.2 to 4.8 km] of the lek site.)

Sharptail grouse nesting habitat is described as mountain shrub communities with a density of shrub plants from 1,700 to 32,000 shrubs per hectare and average shrub height of 30 centimeters. Nests are found primarily in shrub clumps where the shrubs are taller than average. (Nesting occurs within an average distance of 2 km of a lek.)

On the lands described below:

EXHIBIT CO-34

Lease Number:

ENDANGERED SPECIES ACT SECTION 7 CONSULTATION STIPULATION

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.

On the lands described below:

EXHIBIT CO-39

Lease Number:

CONTROLLED SURFACE USE

This lease may be found to contain historic properties and/or resources protected under the National Historic Preservation Act (NHPA), American Indian Religious Freedom Act, Native American Graves Protection and Repatriation Act, E.O.13007, or other statutes and executive orders. The BLM will not approve any ground disturbing activities that may affect any such properties or resources until it completes its obligations under applicable requirements of the NHPA and other authorities. The BLM may require modification to exploration or development proposals to protect such properties, or disapprove any activity that is likely to result in adverse effects that cannot be successfully avoided, minimized or mitigated.

Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.)

On the lands described below:

EXHIBIT LS-12

Lease Number:

LEASE NOTICE

Surface use may be prohibited during portions of the lambing season. Closure will be determined on a case-by-case basis, but will generally be for six weeks within the season (typically between April 10 and June 30).

On the lands described below: