



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:  
CO922(PNS)

October 17, 2005

## NOTICE OF ADDENDUM 2

This amends the Colorado State Office, Competitive Oil and Gas Lease Sale Notice dated September 26, 2005 with the Lease Sale Auction to be held on November 10, 2005.

The following parcels are corrected as follows:

**Parcel COC69066:** The following lands are removed from Exhibit FS-02-No Surface Occupancy-Wetlands/Floodplains/Riparian, as they were included in error:

T. 0110 S., R 0900W., 6<sup>TH</sup> PM  
Sec. 33: NWNW;

Exhibit FS-04, Controlled Surface Use-Slopes 40-60%, is amended **only** for the following section, the remainder of this stipulation remains the same:

T. 0110 S., R 0900W., 6<sup>TH</sup> PM  
Sec. 33: NENE,S2NE,NW,S2;

The following Exhibits should read as follows:

Exhibit FS-02: No Surface Occupancy-Slopes >**60%**; not 69%. The legal description for this stipulation remains the same.

Exhibit FS-04: Controlled Surface Use-Slopes 40-**60%**; not 69%. The legal description for this stipulation remains the same.

The remaining stipulations have not been affected by these changes.

**Parcel COC69067:** The following Exhibits have been added as follows:

The following lands are subject to Exhibit GS-NSO-02, to protect riparian and wetland zones:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 35: NWNE;  
Sec. 36: SWNE,SENW,W2SE;

The following lands are subject to Exhibit GS-NSO-04, to protect wildlife habitat values for which these areas were acquired by the state, including crucial big game winter and upland game winter habitat, and concentration areas and riparian values:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 35: N2N2;  
Sec. 36: S2NE,NWNW,S2NW;  
Sec. 36: N2SW,SESW,SE;

The following lands are subject to Exhibit GS-CSU-02, to protect riparian/wetland vegetation:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 35: NENW,NWNE;  
Sec. 36: SWNE,SENW,E2SW,W2SE;

The following lands are subject to Exhibit GS-CSU-04, to alert lessee that special design, construction, operation, and reclamation measures will be required to limit the amount of surface disturbance, to reduce erosion potential, to maintain site stability and productivity, and to insure successful reclamation in identified areas of highly erosive soils and of slopes greater than 30 percent:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 35: SWNW,SWSW;

The following lands are subject to Exhibit GS-CSU-05, to protect scenic values of Class II visual resource management areas:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 36: NWNW,SENW,SWNE;

The following lands are subject to Exhibit GS-TL-01, to protect big game winter habitat:

T. 0060 S., R 0910W., 6<sup>TH</sup> PM  
Sec. 35: N2N2,S2NW,N2SW,NWSE;  
Sec. 36: E2NE,SWNE,NWNW,S2NW;  
Sec. 36: N2SW,SESW,SE;

All lands are subject to Exhibit GS-LN-01, to alert lessee of the potential for requirement of conducting an inventory for Class I and Class II paleontological areas.

All lands are subject to Exhibit GS-LN-02, to alert lessee of the potential for requirements of conducting special inventories for special status species, or habitat of species of interest such as raptor nest, or significant natural plant communities.

All lands are subject to Exhibit GS-LN-03, to alert lessee of the requirement to report annually on the ongoing progress of reclamation at locations developed on the lease.

All lands are subject to Exhibit GS-LN-05, to alert lessee of the potential for requirements to implement measures to reduce impacts of operations on wildlife and wildlife habitat.

All lands are subject to Exhibit GS-LN-06, to alert lessee of the requirements for working in wildlife habitat areas.

All lands are subject to Exhibit GS-LN-07, impact on nearby communities and residences.

The remaining stipulations have not been affected by this change.

**Parcel COC69069:** The following lands have been added to Exhibit UB-01, to protect highly erodible and/or saline soil areas:

T. 0140 S., R 0960 W., 6<sup>TH</sup> PM  
Sec. 14: NENW;  
Sec. 24: N2SW;

The remainder of this stipulation and the remaining stipulations have not been affected by this change.

**Parcel COC69071:** Exhibit GJ-13EE is amended as follows, it does not apply to all lands:

T. 0080 S., R 0970 W., 6<sup>TH</sup> PM  
Sec. 18: NENW;

The remaining stipulations have not been affected by this change.

**Parcel COC69081:** Sec. 36 in Exhibit GJ-3JA has been amended as follows:

T. 0080 S., R 0990 W., 6<sup>TH</sup> PM  
Sec. 36: Lot 1;

The remainder of this stipulation and the remaining stipulations have not been affected by this change.

**Parcel COC69085:** The following stipulation has been added to this parcel:

All lands are subject to Exhibit GJ-12DB to protect deer and elk migration route.

The remaining stipulations have not been affected by this change.

**Parcel COC69087:** The **only** Exhibit that applies to the following legal description is Exhibit GJ-12DB, to protect deer/elk migration routes:

T. 0080 S., R 1000 W., 6<sup>TH</sup> PM  
Sec. 34: SENE;

The remainder of this stipulation and the remaining stipulations have not been affected by this change.

**Parcel COC69095:** We are adding the following Exhibit GJ-13-EC, to protect black footed ferret habitat, as it was omitted in error:

T. 0080 S., R 1020 W., 6<sup>TH</sup> PM  
Sec. 17: Lot 22,24,28;  
Sec. 17: TR 44 Lot 4,5,10,12,13;  
Sec. 17: TR 44 Lot 21,23;  
Sec. 17: TR 45 Lot 6,7,9,11,25;  
Sec. 17: TR 47 Lot 26,27;  
Sec. 17: SESW;

The remaining stipulations have not been affected by this change.

**Parcel COC69102:** The legal description has been amended to read as follows:

T. 0070 S., R 1030 W., 6<sup>TH</sup> PM  
Sec. 25: E2E2,SESW,W2SE;  
Sec. 35: SESE;  
Sec. 36: ALL;

The correct acreage is now **960.000** acres.

Exhibit GJ-2GC, scenic and natural values to protect Book Cliffs for visual resource management, has been amended as follows:

T. 0070 S., R 1030 W., 6<sup>TH</sup> PM  
Sec. 25: E2NE,SESW,N2SE;  
Sec. 35: SESE;  
Sec. 36: W2NW,NWSW;

Exhibit GJ-2GP, scenic and natural values to protect highway corridor, has been amended as follows:

T. 0070 S., R 1030 W., 6<sup>TH</sup> PM  
Sec. 25: SESW,SE;  
Sec. 36: E2,NW,NESW;

The following lands are subject to Exhibit GJ-12DA, to protect deer and elk winter range:

T. 0070 S., R 1030 W., 6<sup>TH</sup> PM  
Sec. 25: SE,SESW;  
Sec. 35: SESE;  
Sec. 36: ALL;

The remaining stipulations have not been affected by this change.

**Parcel COC69120:** Section 28 in Exhibit WR-NSO-06 has been amended to read as follows:

T. 0020 N., R 0990 W., 6<sup>TH</sup> PM  
Sec. 28: SWNW,SW,S2SE;

The remainder of this stipulation and the remaining stipulations have not been affected by this change.

**Parcel COC69123:** The following lands are being removed from this parcel as they are inside the boundaries of the Dolores River Canyon WSA:

T. 0460 N., R 0180W., NMPM  
Sec. NESE;

The following lands are being added to the parcel, as they were inadvertently omitted. All of the stipulations as written in the Sale Notice dated September 26, 2005, apply to these lands:

T. 0460 N., R 0180 W., NMPM  
Sec. 3: S2NE;

The entire legal land description is as follows:

T. 0460 N. R 0180 W., NMPM  
Sec. 3: Lot 1-4;  
Sec. 3: S2NE;

The correct acreage is now **320.24** acres.

**Parcel COC69124:** Exhibit CO-27 has been amended to read as follows:

T. 0460 N., R 0180 W., NMPM  
Sec. 6: E2SW;

The remaining stipulations have not been affected by this change.

**Parcel COC69128:** The following Exhibit has been added to this parcel:

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

The remaining stipulations have not been affected by this change.

**Parcel COC69132:** Sec. 30 in Exhibit CO-27 has been amended to read as follows:

T. 0460N., R 0180 W., NMPM  
Sec. 30: N2SE;

The remainder of this stipulation and the other remaining stipulations have not been affected by this change.

**Parcel COC69135:** Sec. 25 has been amended to read as follows:

T. 0470 N., R 0190 W., NMPM  
Sec. 25: Lot 2-4;  
Sec. 25: N2N2, **SWNE, S2NW**;

The remainder of the legal description and the acreage for this parcel have not been affected by this change; nor have the stipulations.

Attached you will find copies of the Exhibits that have been added to the November Oil and Gas Lease Sale Notice dated September 26, 2005.

The total number of parcels in this sale remains at **74** with the total acreage being **73,943.178** acres.

/s/Beverly A. Derringer

Beverly A. Derringer  
Chief, Fluid Minerals Adjudication

EXHIBIT GS-NSO-02

Lease Number: <LEASE\_NUMBER>

NO SURFACE OCCUPANCY STIPULATION

No surface occupancy/or use is allowed on the lands described below:

<LEGAL\_DESCRIPTIONS>

For the Purpose of protecting:

Riparian and Wetland Zones: To maintain the proper function of riparian zones, activities associated with oil and gas exploration and development, including roads, transmission lines and storage facilities, are restricted to an area beyond the outer edge of the riparian vegetation.

Any changes to this stipulation will be made in accordance with the land use plan/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:

- a) An exception may be granted if the Authorized Officer determines that the activity will cause no loss of riparian vegetation, or that the vegetation lost can be replaced within three to five years with vegetation of like species and age class;
- b) Within the riparian vegetation, an exception is permitted for stream crossings, if an area analysis indicates that no suitable alternative is available.

EXHIBIT GS-CSU-02

Lease Number: <LEASE\_NUMBER>

CONTROLLED SURFACE USE STIPULATION

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

On the lands described below:

On the lands described below:

<LEGAL\_DESCRIPTIONS>

For the Purpose of protecting:

Riparian and Wetland Zones: within 500 feet of the outer edge of the riparian or wetland vegetation, activities associated with oil and gas exploration and development, including roads, pipelines and wellpads, may require special design, construction, and implementation measures, including relocation of operations beyond 200 meters, in order to protect the values and functions of the riparian and wetland zones. Such measures will be based on the nature, extent and value of the riparian vegetation are most important to the function of the riparian zone and will be avoided.

Any changes to this stipulation will be made in accordance with the land use plan/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 GS-CSU-04

Lease Number: <LEASE\_NUMBER>

CONTROLLED SURFACE USE STIPULATION

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

On the lands described below:

<LEGAL\_DESCRIPTIONS>

For the Purpose of protecting:

Erosive Soils and Slopes Greater Than 30 Percent: special design, construction, and operation and reclamation measures will be required to limit the amount of surface disturbance, to reduce erosion potential, to maintain site stability and productivity, and to insure successful reclamation in identified areas of highly erosive soils and of slopes greater than 30 percent. Highly erosive soils are soils in the "severe" and "very severe" erosion classes based on NARCS Erosion Condition mapping. Areas identified in the RMP as Erosion Hazard Areas and Water Quality Management Areas are also included in this stipulation. Implementation may include relocation of operations beyond 200 meters.

The surface use plan of the APD submitted for wells on erosive soils or slopes greater than 30 percent must include specific measures to comply with the GSRA Reclamation Policy, such as stabilizing the site to prevent settling, land sliding, slumping, and highwall degradation, and controlling erosion to protect the site and adjacent areas from accelerated erosion and sedimentation and siltation of nearby water sources.

Specific performance objectives for the plan include:

- Limitation of total disturbance to 3.0 acres for the wellpad;
- Limitation of the interim "in use" area to 0.5 acres; and
- Maximizing the area of interim reclamation that is shaped to a grade of 3:1 or less; any planned highwall must be demonstrated to be safe and stable and include enhanced reclamation and erosion prevention measures as needed.

Exhibit GS-CSU-04 Continued

The operator must also provide an evaluation of the site's reclamation potential based on problematic characteristics of the site (slope, aspect, vegetation, depth of soils, soil salinity and alkali content) a comparison of the site with comparable sites already constructed. When the proposed site is comparable to sites where reclamation has not been successful, the operator will be required to make adjustments to reclamation techniques. Special measures might include: locating production facilities off-site; building roads to higher standards, including surfacing; constructing sediment catchments; reclaiming the reserve pit immediately after use; and applying fertilizers, mulches, soil additives and geotextile fabrics.

The Authorized Officer will evaluate plans submitted by the operator and approve a design and any special measures that best accomplish the performance objectives, achieving a reasonable balance of site stability and re-vegetation potential and minimizing overall disturbance.

Any changes to this stipulation will be made in accordance with the land use plan/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.)

Lease Number: <LEASE\_NUMBER>

CONTROLLED SURFACE USE STIPULATION

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

On the lands described below:

<LEGAL\_DESCRIPTIONS>

For the Purpose of protecting:

Visual Resource Management (VRM) Class II Areas: protection may include special design requirements, relocation of operations by more than 200 meters, and other measures to retain the overall landscape character. Such measures would be designed to blend the disturbance in with the natural landscape so that it does not attract attention from key observation points. BLM acknowledges that activities on private lands may alter the landscape character and such modifications will be considered when evaluating mitigation proposals relative to the visual quality of the overall landscape.

Any changes to this stipulation will be made in accordance with the land use plan/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.)

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

The lessee is hereby notified that an inventory shall be conducted by an accredited paleontologist approved by the Authorized Officer prior to surface-disturbing activities in Class I and II Paleontological Areas.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

The lessee is hereby notified that, in areas of known or suspected habitat of special status species, or habitat of other species of interest, such as raptor nests or elk calving areas, or significant natural plant communities, a biological inventory will be required prior to approval of operations. The inventory would be used to prepare mitigating measures to reduce the impacts of surface disturbance on the affected species or their habitats. These mitigating measures may include, but are not limited to, relocation of roads, wellpads, pipelines, and other facilities, and fencing operations or habitat.

Given the high potential for sensitive species to occur in the NOSR Production Area, it is likely that a biological inventory will be required for most proposed locations in that area prior to development activities.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

All lessees in the Glenwood Springs Resource Area are required to report to the Authorized Officer annually on the ongoing progress of reclamation at locations developed on the lease.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

The lessee is hereby notified that, within high value or crucial big game winter range, the operator is required to implement specific measures to reduce impacts of oil and gas operations on wildlife and wildlife habitat. Such measures shall be developed in concert with BLM during the preparation of the EA. They may include completion of habitat improvement projects designed to replace habitat lost through construction activities; reduction of human disturbance in important habitat areas during critical times of the year by installing gates and closing roads; using telemetry to collect well data; and accessing well site locations during the times of the day when wildlife is not likely to be present in the area.

It is recognized that other measures may be appropriate and that not all measures would be appropriate for all areas. As such, this notice is best implemented through site-specific planning addressing several years activity in an area. Measures to reduce impacts would generally be considered when well density exceeds four wells per 640 acres, or when road density exceeds three miles of road per 640 acres.

BLM's overall goals are to: a) reduce direct impacts (physical loss of habitat) by minimizing the disturbance on lands where revegetation is not possible, such as roads, production facilities, working portions of the well pads, exposed rock outcrops, high walls, etc., and by offsetting the loss of productive wildlife areas during interim reclamation; and b) reduce indirect habitat impacts (reduced habitat availability for big game and other species from disturbances caused by increased human activities) in big game winter range and in other high value wildlife areas (refer to Draft SEIS, Appendix G), by managing human activities to minimize disturbance during critical times of the year.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

The lessee is hereby notified that, the operator is required to establish a set of reasonable operating procedures for employees and contractors working in important wildlife habitats. Such procedures would be designed to inform employees and contractors of ways to minimize the effect of their presence on wildlife and wildlife habitats. Procedures might address items such as working in bear country, controlling dogs, and understanding and abiding by hunting and firearm regulations.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

Lease Number: <LEASE\_NUMBER>

LEASE NOTICE

The lessee is hereby notified that, the operator drilling on federal mineral estate is required to consider the impact of operations on nearby communities and residences and will be expected to reasonably adjust operating procedures to accommodate local residential concerns. For example, the operator will be expected to try to work out reasonable compromises on issues such as noise, dust, and traffic. The operator will be expected to address such issues when raised during public comment periods associated with preparation of environmental assessments or when complaints are reported to the operator, BLM or the Colorado Oil & Gas Conservation Commission.

On the lands described below:

<LEGAL\_DESCRIPTIONS>

EXHIBIT GJ-13EC

Lease Number: <LEASE\_NUMBER>

THREATENED AND ENDANGERED HABITAT STIPULATION

The following portions of this lease are within known threatened and endangered species habitat:

<LEGAL\_DESCRIPTIONS>

Threatened and endangered species:

Black-footed Ferret.

The lessee/operator shall submit a plan for avoidance or mitigation of impacts on the identified species to the authorized officer. This may require completion of an intensive inventory by a qualified biologist. The plan must be approved prior to any surface disturbance. The authorized officer may require additional mitigation measures such as relocation of proposed roads, drilling sites, or other facilities. Where impacts cannot be mitigated to the satisfaction of the authorized officer, surface occupancy on that area must be prohibited.