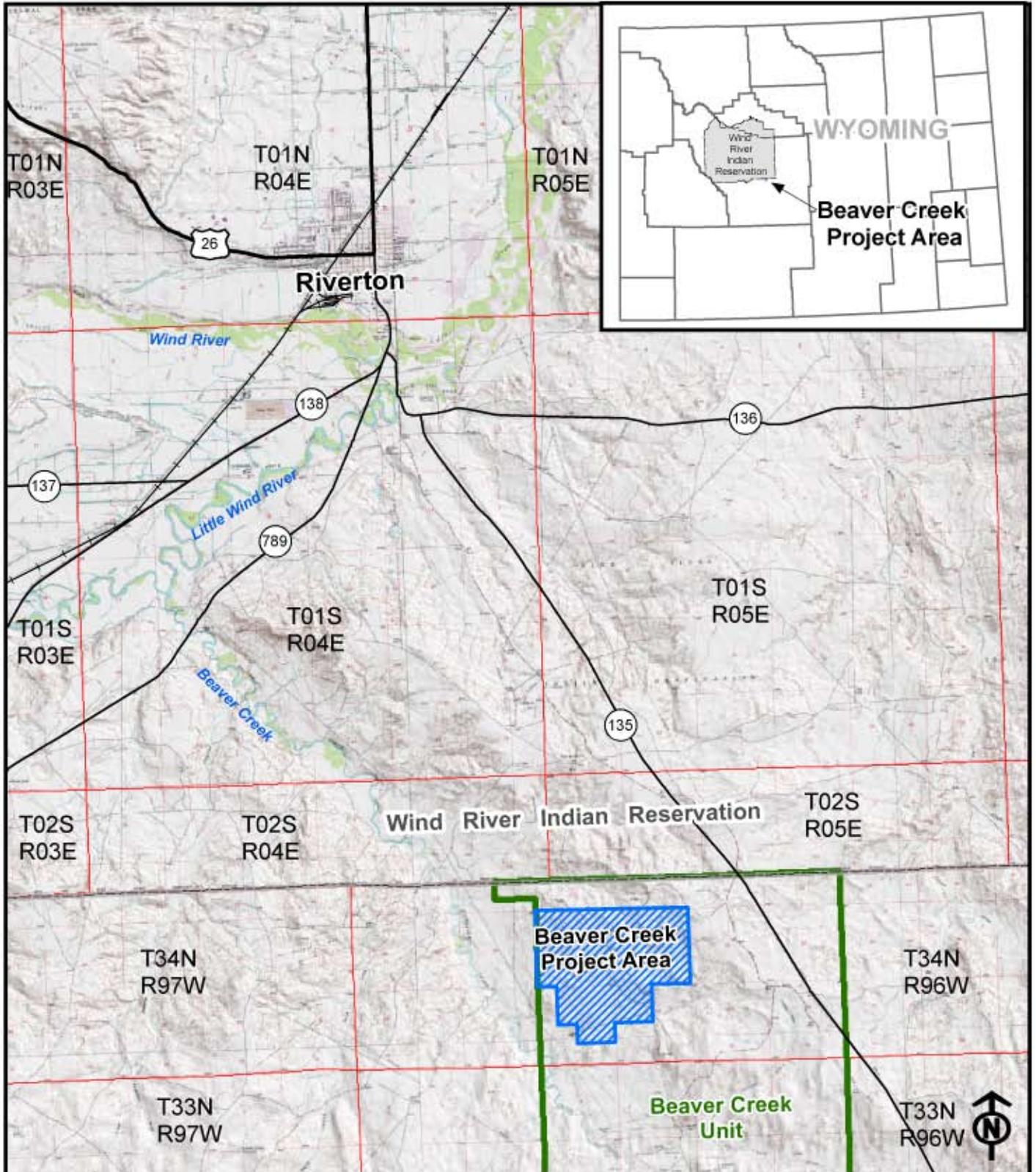


APPENDICES

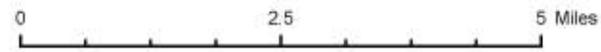
APPENDIX A

FIGURES



Legend

-  Project Area
-  Wind River Indian Reservation
-  Railroads
-  Federal Highway
-  State Highway



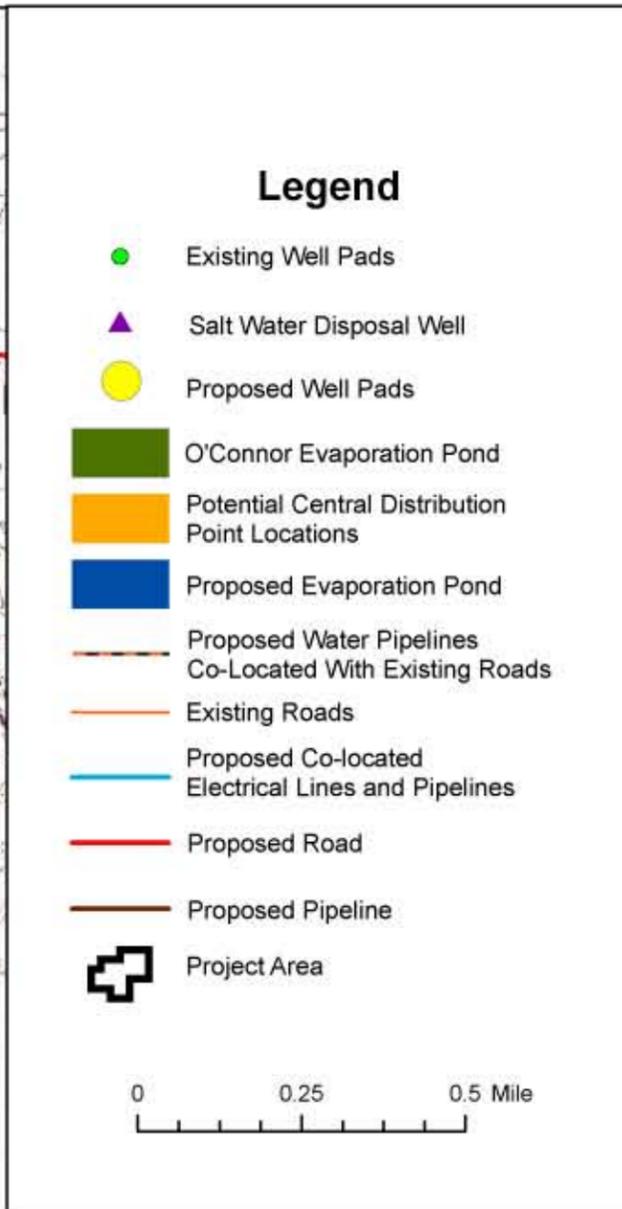
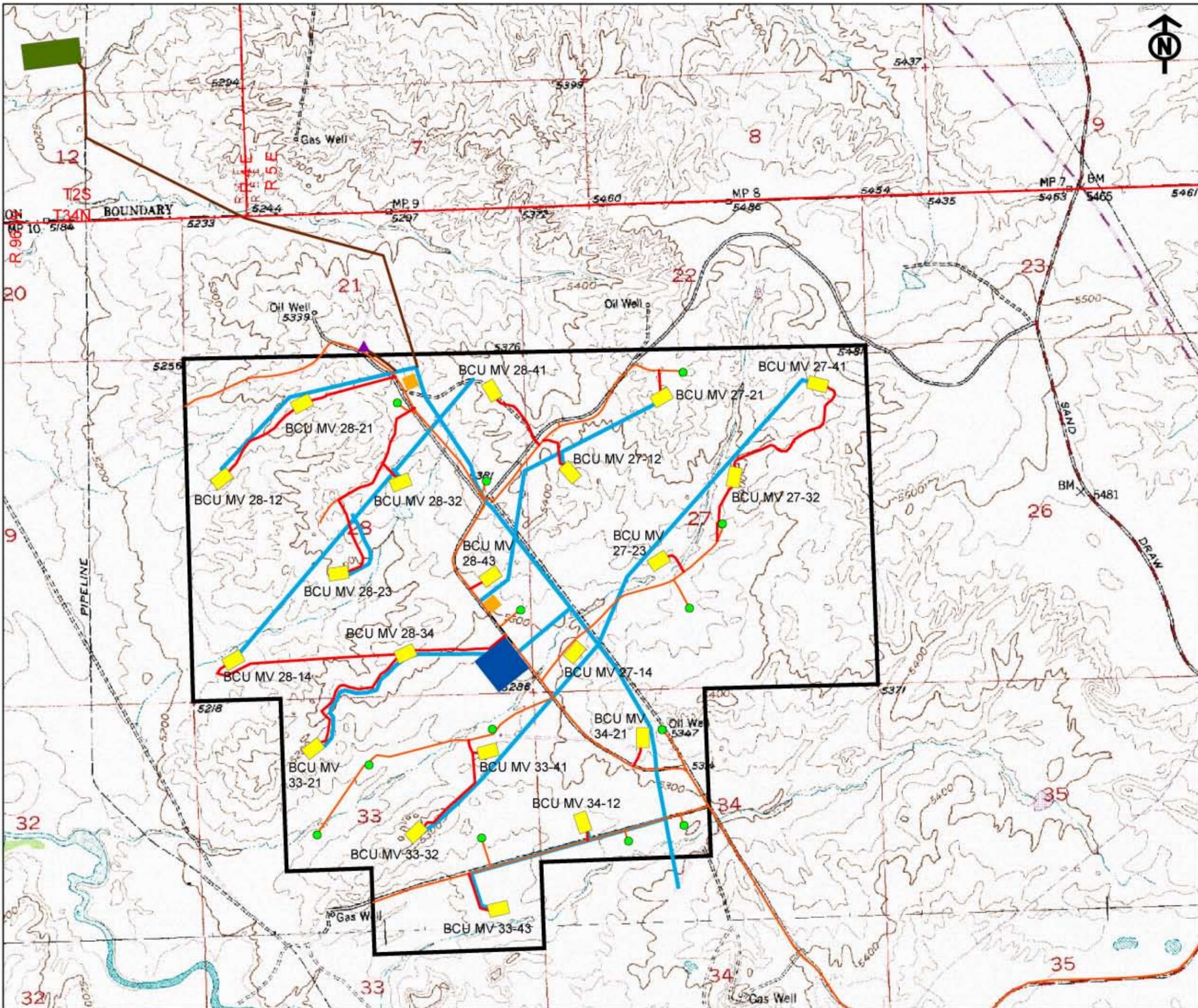
**Figure 1-1 Location of
Beaver Creek Project Area**

Devon Energy Production Company, L.P.

Buy's & Associates, Inc.

Date: July 23, 2007





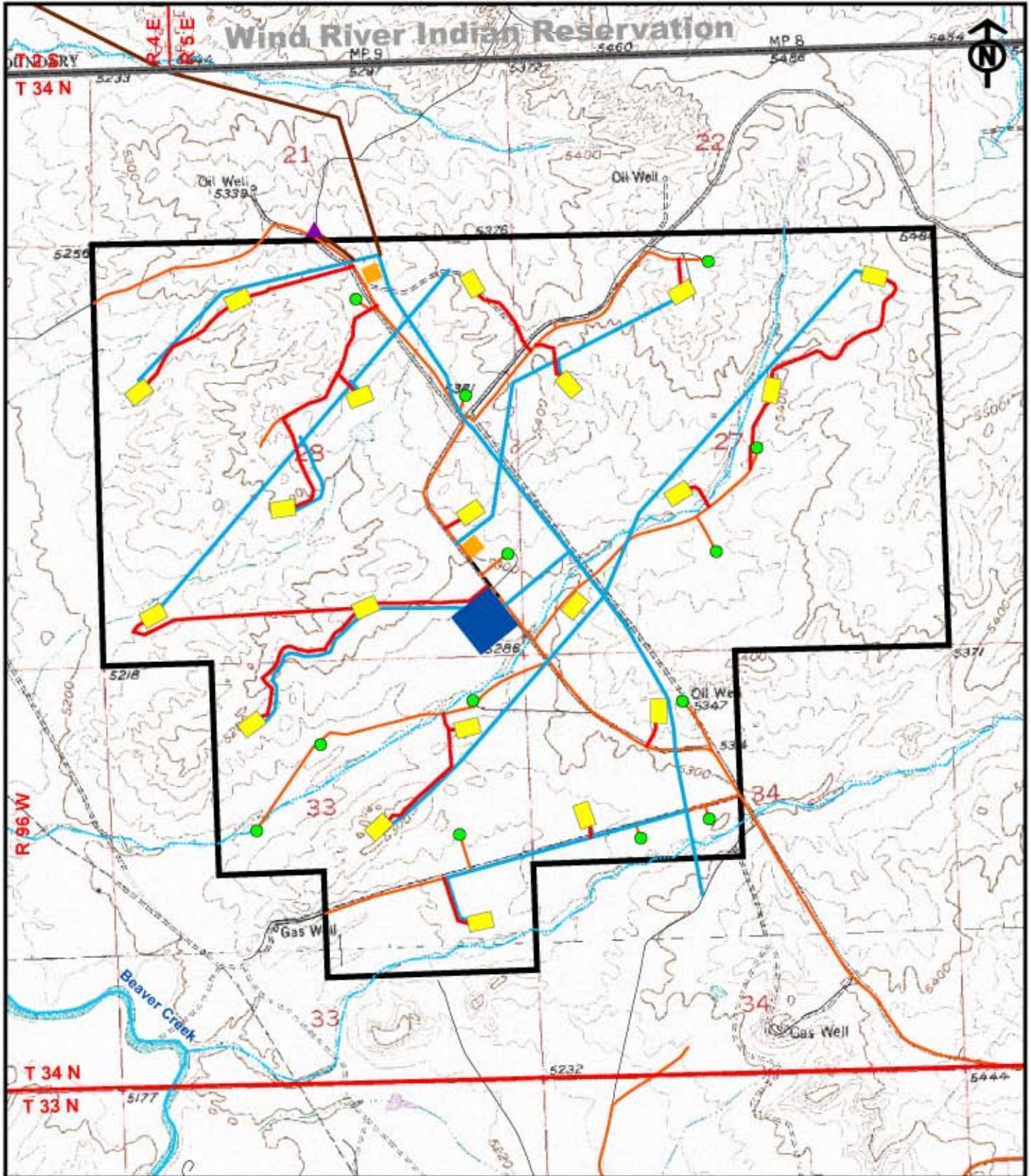
**Figure 2-1 Proposed Action
Beaver Creek
CBNG Pilot Project**

Fremont County, Wyoming

Devon Energy Production Company, L. P.

Buys & Associates, Inc.

Date: July 23, 2007	File: BC_Prop_Action_8-21
Source: Client documents	



Legend

- Perennial Streams & Rivers
- Intermittent Streams
- Lakes & Ponds
- Existing Roads
- Wind River Indian Reservation
- Beaver Creek Project Area

0 0.5 1 Mile

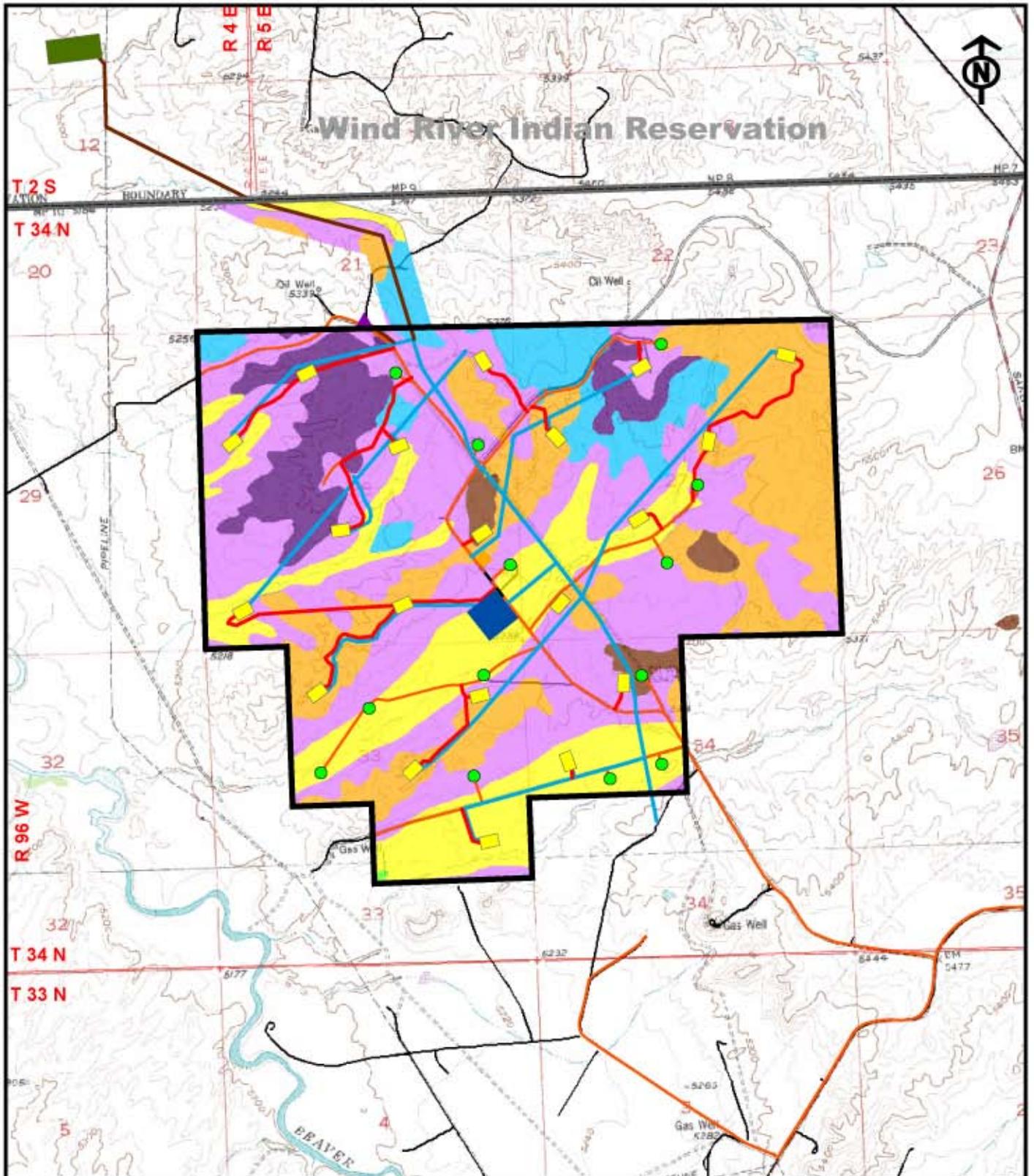
Figure 3.4.1 Beaver Creek Surface Water Features

Devon Energy Production Company, L.P.

Buys & Associates, Inc.

Date: July 23, 2007

Sources: Wy Geographic Information Science Center



Legend

- Blackhall-Carmody association (117)
- Blazon-Rock outcrop-Carmody complex (118)
- Cushool-Rock River association (140)
- Havre-Forelle-Glendive complex (158)
- Rock outcrop-Blackhall complex (196)
- Rock outcrop-Blazon complex (197)
- Existing Roads
- Project Area
- Wind River Indian Reservation

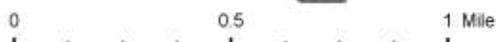


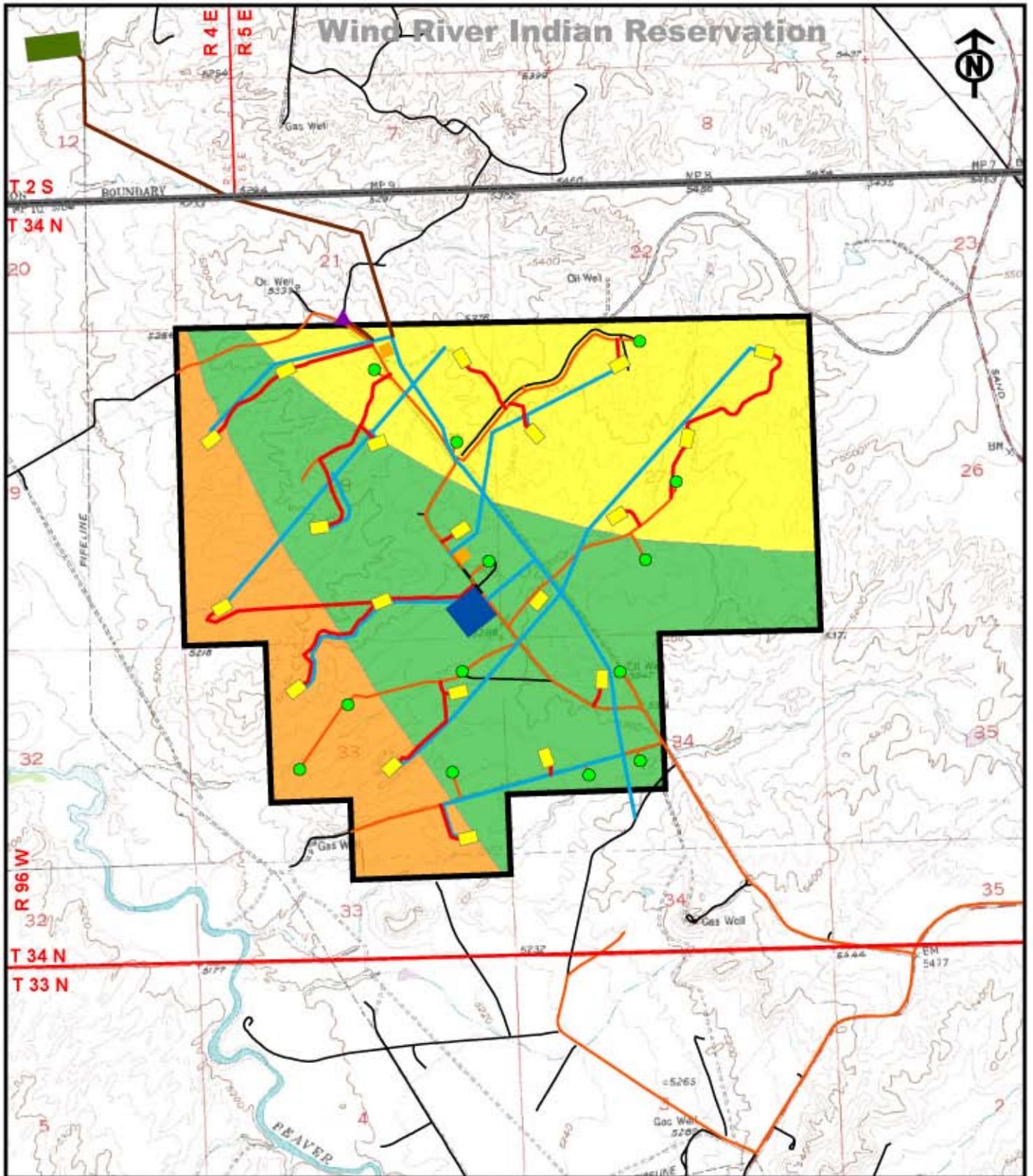
Figure 3.5-1 Beaver Creek Soils

Devon Energy Production Company, L.P.

Buy's & Associates, Inc.

Date: July 23, 2007

Source: NRCS Soil Data Mart
<http://soildatamart.nrcs.usda.gov/>



Legend

-  Crucial Value, Winter/Yearlong
-  Winter/Yearlong
-  Yearlong
-  Beaver Creek Project Area
-  Wind River Indian Reservation
-  Township/Range Boundaries
-  Existing Roads

0 0.5 1 Mile

Figure 3.8.1 Beaver Creek Pronghorn Antelope Ranges

Devon Energy Production Company, L.P.

Buys & Associates, Inc.

Date: July 23, 2007

Source: Wyoming Game and Fish Dept.

APPENDIX B

SCOPING NOTICE AND COMMENT SUMMARY

**PUBLIC SCOPING STATEMENT
BEAVER CREEK COAL BED NATURAL GAS PILOT PROJECT
ENVIRONMENTAL ASSESSMENT**

**BUREAU OF LAND MANAGEMENT
LANDER FIELD OFFICE
LANDER, WYOMING**

DESCRIPTION OF PROJECT

Devon Energy Corporation (Devon) has notified the Bureau of Land Management (BLM) Lander Field Office that Devon is proposing to explore and develop Coal Bed Natural Gas (CBNG) wells within the administrative boundaries of the BLM's Lander Field Office. The 20-well pilot project is located within the existing Beaver Creek Field in Sections 27 and 28; Section 33 E1/2 of NW/4, NE/4, N1/2 of SE/4; and Section 34 NW/4; in Township 34 North and Range 96 West in Fremont County, Wyoming. The BCPA is approximately nine aerial miles southeast of Riverton, Wyoming, and encompasses approximately 1,750 acres on federal lands. Access to the BCPA from the town of Riverton is by US 26 South to WY136 and southeast on WY135.

The Proposed Action entails construction, drilling, completing, and producing of 20 pilot CBNG wells in the BCPA and construction of associated access roads, pipelines, production facilities, electric transmission lines, and an evaporation pond. Produced water from the CBNG wells would be transferred via pipeline to an 8.3-acre evaporation pond within the BCPA and an existing evaporation pond on private property outside the area, and/or sent to a salt water disposal well (see Figure 2-1). If the pilot project proves to be economically feasible, additional development may be proposed. However, additional development would require the preparation of an Environmental Impact Statement (EIS).

It is anticipated that initial drilling operations would begin as soon as possible after the completion of this Environmental Assessment and approval of the Application of Permits to Drill (APDs). The estimated start date for the pilot project is January 2007.

For each well, construction operations would take approximately 2-5 days, drilling would require approximately 7-10 days, and completion operations may require up to 30 days. Within the BCPA, each well would be constructed on 80-acre well density (i.e., one well/80 acres or 1320' between wells). Production operations would require the use and maintenance of roads on a year-round basis.

The approximate size of each well pad would be 310 feet by 200 feet. Each pad would also have a 160' x 90' reserve pit to hold drilling fluids and cuttings as well as a .5 acre area for soil and spoils piles. The total maximum disturbance of each well site is estimated to be 2.1 acres. Once the well has been completed, the site would be reduced to approximately 1.15 acres with 0.27 acres being reclaimed and revegetated.

Approximately 4.8 miles of new road will be built to access the 20 new locations. Existing access roads will be used where ever possible to keep new disturbance to a minimum. All roads associated with this project would be upgraded/constructed to BLM standards. Approximately 7.5 miles of pipeline and electrical line Right-of-Way (ROW) would be constructed, based on

overhead electrical construction and the shortest route. One pipeline, approximately 1.6 miles in length, would be constructed to transport produced water to a proposed salt water injection well and an existing evaporation pond on private property (O'Connor Evaporation Pond).

Each producing well would require a water discharge pipeline and a gas gathering pipeline and these lines would occupy the same trench. The pipeline corridors would be located, where feasible, adjacent to access roads. A gas sales line would be constructed from the central distribution point to the existing BCU North Field Compressor site at the BCU 58 location, where the gas would be compressed and sent to the BCU Plant for processing and sales. The central distribution point would result in .92 acres of disturbance. Disturbance estimates from construction of well pads, roads, pipelines, and an evaporation pond are provided below. The total short-term disturbance is estimated to be 126.46 acres, which is 7.2 percent of the BCPA or 0.76 percent of the existing Beaver Creek Unit.

Table 1. Dimensions of the Proposed Facilities for the CBNG Pilot Project

	Dimensions (feet)		
Well pads/spoil & soil piles/reserve pit	310'x200'	2.1 (approx.) x 20	42
Roads (Includes some pipelines)	25,367'x50'	29.11	29.11
Electrical line and pipeline ROW	39857'x50'	45.75	45.75
Pipeline to O'Connor Evaporation Pond and SWD well	8456'x20'	3.87	3.87
Evaporation Pond	600'x600'	8.3	8.3
Salt Water Disposal Well	360'x250'	2.01	2.01
Central Distribution Point	200'x200'	0.92	0.92
TOTAL	-	-	131.96

The purpose of the 20-well pilot project is to provide Devon with information needed prior to embarking on full field development. This information would include, but not be limited to the following:

- Commercial viability of extraction of coal bed natural gas in this part of the Beaver Creek Field.
- Quantity of produced water over time.
- Quality of the produced water, including Total Dissolved Solids, chlorides, sodium, and trace metals. This information is necessary to evaluate the future potential beneficial uses of the water.

RELATIONSHIP TO EXISTING PLANS AND DOCUMENTS

The resource management plan that directs the management of the resource area is the *Final Resource Management Plan/Environmental Impact Statement for the Lander Resource Area, Lander, Wyoming* (BLM 1986); *Grazing Supplement to the Final Resource Management*

Plan/Environmental Impact Statement for the Lander Resource Area, Lander, Wyoming (BLM 1986); and *Record of Decision for the Lander Resource Management Plan* (BLM 1987).

The Lander Resource Management Plan (RMP) states that “public lands will be made available for oil and gas leasing and development to the maximum extent possible, while giving due consideration to the protection of other significant resource values.” The proposed BCPA is located in the Beaver Creek Management Unit of the Lander Resource Area. The proposed BCPA is in a portion of the Beaver Creek Management Unit that is open for oil and gas leasing with standard requirements (Map 17 in the RMP). Thus, development of natural gas reserves within the BCPA would be in conformance with the Lander RMP. The EA that will be prepared for the proposed project will incorporate the appropriate decisions, terms, and conditions of use described in the Lander RMP. Use authorizations for well pads, roads, pipelines, and well site facilities will be processed through the BLM Application for Permit to Drill (APD) and Sundry Notice.

NATIONAL ENVIRONMENTAL POLICY ACT COMPLIANCE

Pursuant to the National Environmental Policy Act (NEPA) and the Council on Environmental Quality (CEQ) regulations on implementing NEPA, the BLM has determined that an EA would be prepared for the 20-well pilot project. The purpose of the EA is to provide the public and decision-makers with sufficient information to understand the environmental consequences of the Proposed Action and to identify and develop appropriate mitigation measures to minimize environmental impacts.

As a result of the analysis of the Proposed Action, the BLM will make one of the following determinations:

- The proposed project would not result in significant impacts and a Decision Record with a Finding of No Significant Impact (DR/FONSI) would be signed by the BLM, which would allow the project to be implemented.
- The project, as proposed, would result in significant impacts and would require the preparation of an Environmental Impact Statement (EIS).

One element of the NEPA process is “scoping.” Scoping activities are initiated early in the NEPA process to:

- Identify reasonable development alternatives to be evaluated in the EA.
- Identify environmental and socioeconomic issues of concern related to the proposed project.
- Determine the depth of the analysis for issues addressed.

Additionally, NEPA requires that a “No Action Alternative” be considered in all environmental documents. This allows a comparison of the economic and environmental consequences of the Proposed Action versus current development levels and existing environmental conditions. Under the No Action alternative, no further natural gas development would occur on Federal lands in the BCPA beyond that which has already been approved.

This scoping document has been prepared to enable government agencies, the general public, and other interested parties to participate in and contribute to the environmental analysis process. Public input is important in establishing the scope of analysis for any NEPA document, and the

BLM encourages public participation. The comments received from the public on the scoping notice will assist in the identification of key issues of concern that need to be addressed in this EA.

IDENTIFIED RESOURCE MANAGEMENT ISSUES AND CONCERNS

The following issues and concerns have been identified to-date. This list is not all-inclusive, but rather serves as a starting point for public input. Once all the issues and concerns have been gathered through public scoping, resource disciplines will be identified for analysis of individual issues and concerns.

- Potential effects on cultural resources in the BCPA.
- Potential effects on wildlife species and their habitats.
- Potential impacts to sensitive plants and animals.
- Water quality impacts from CBNG exploration and production.
- Air quality impacts from construction, drilling, and production activities.
- Impacts to vegetation and soils.
- Potential impacts to residential areas (e.g., Beaver Creek Housing).
- Potential invasion of noxious weeds resulting from vegetation and soil disturbance.
- Concerns related to produced water from Coal Bed Natural Gas production.
- Depletion of groundwater needed for livestock.
- Increased traffic and associated impacts on County, State, and BLM roads and highways providing access to the BCPA.
- Concern about reclamation success within the BCPA.
- Cumulative impacts of CBNG activities, when combined with past, present, and reasonably foreseeable future activities.

INTERDISCIPLINARY TEAM

- Archaeologist
- NEPA Specialist
- Petroleum Engineer
- Air Quality Specialist
- Wildlife Biologist
- Hydrogeologist
- Soil Scientist
- Range Management Specialist
- Recreation and Visual Resource Specialist
- Paleontologist
- Natural Resource Specialist

TIMING NEEDS AND REQUIREMENTS

Government agencies, the public, and other interested parties are encouraged to participate throughout the environmental analysis process to assist in identifying the level of analysis needed, alternatives to be considered, issues and concerns that should be assessed, mitigation opportunities, and any other comments to help ensure that the analysis process is comprehensive.

Written comments will be accepted by the BLM during the 30-day public comment period, which ends on July 21, 2006. In addition, an open house meeting on the Scoping Notice will be held for the public on July 6, 2006 at 7:00 p.m. at the Holiday Inn in Riverton, Wyoming. Please refer to the Beaver Creek Coal Bed Natural Gas Pilot Project in your written comments. Comments on this scoping notice should be submitted to:

Carol-Anne Murray
NEPA Coordinator and Project Manager
Bureau of Land Management
Lander Field Office
1335 Main Street
Lander, Wyoming 82520

Table B-1. Agencies, Organizations, and Individuals that Submitted Written Comments on the Scoping Notice

Letter				
1	U.S. Fish and Wildlife Service	Brian Kelly, Field Supervisor, Wyoming Field Office	Cheyenne, WY	July 12, 2006
2	U.S. Fish and Wildlife Service	David Skates (Project Leader) and Pat Hnilicka (Wildlife Biologist)	Lander, WY	July 20, 2006
3	National Wildlife Federation	Garrit Voggeser (Manager Tribal Lands Conservation Program) and Michael Saul (Associate Counsel)	Boulder, CO	July 20, 2006
4	State Engineer's Office	Jodee Pring, Water Planning Coordinator	Cheyenne, WY	July 20, 2006
5	Petroleum Association of Wyoming	John Robitaille, Vice President	Casper, WY	July 20, 2006
6	Wind River Environmental Quality Commission	Don Aragon, Director	Ft. Washakie, WY	July 20, 2006
7	Sweetwater County Conservation district	Tom Burris, Chairman	Rock Springs, WY	July 21, 2006
8	Wyoming Game and Fish Department	John Emmerich, Deputy director	Cheyenne, WY	July 21, 2006
9	Eastern Shoshone and Northern Arapaho Tribes. Wind River Indian Reservation	Richard Brannan (Chairman Northern Arapaho Tribe) and Ivan Posey (Chairman Eastern Shoshone Tribe)	Ft. Washakie, WY	July 28, 2006
10	Landowner	Noel Wood	Riverton, WY	No date (Rec'd August 7, 2006)
11	Wyoming State Geological Survey	Joan Binder, Executive Assistant	Laramie, WY	September 7, 2006
12	Wind River Alliance	Jolene Catron, Executive Director	Ethete, WY	July 17, 2006
13	Wyoming Department of Environmental Quality	John Corra, Director	Cheyenne, WY	September 7, 2006
14	U.S. Environmental Protection Agency	Larry Svoboda, Director, NEPA Program	Denver, CO	September 10, 2006

Responses to Comments

Responses to comments are organized by responder and are numbered in the order received. Page and section numbers, unless otherwise noted, refer to the Beaver Creek CBNG Pilot Project EA. Comments are noted by general topic here for continuity of response to comment. Comment letters are available at the Lander BLM Office in Lander, Wyoming

Letter		
1	Listed and Sensitive Species	Section 3.8.4 addresses listed species that may occur on the BCPA, Section 4.8 addresses potential direct and indirect impacts, and Section 4.16.2.7 addresses cumulative impacts.
1	CBNG Specific Concerns (produced water disposal, wildlife using ponds)	Produced Water impacts are discussed in Section 4.4.1.1. The Service mentioned the potential for migratory birds to ingest highly saline waters from ponds. Section 2.3.1.11 states that a “Bird Avert” system would be used to minimize this potential.
2	Fisheries (Sauger)	CBM waters would not be discharged into Beaver Creek/Little Wind River drainages, as all water would be disposed of in an injection well or evaporation pond (Section 2.3.1.11).
2	Wildlife Displacement and Habitat Fragmentation	Wildlife impacts due to the project are discussed in Sections 4.8 and 4.16.2.7. Wildlife mitigation measures are discussed in Section 2.5, Appendix C (Conditions of Approval and Seasonal Wildlife Restrictions) Section 2.3.1.9 shows that electrical lines would be co-located with pipelines to minimize surface disturbances.
2	Reclamation	The Proposed Action reclamation of disturbances is discussed in Section 2.3.1.5. Site specific reclamation plans would be required by the BLM. Summarizing, disturbed areas would be cleaned up, contoured to original grade, ripped, stripped topsoil replaced, seeded, and fertilized. Conditions of Approval (Appendix C) would be adhered to.
2	Evaporation Ponds	Section 2.3.1.11 discusses the “Bird Avert” system to discourage the use of the evaporation ponds by birds.
3	Consultation with Affected Communities and the Tribes	Chapter 5 discusses the consultation process that has taken place for the environmental analysis.
3	Discharge and/or Disposal of Produced Water	Section 1.4 states that the “development of natural gas reserves within the Beaver Creek Pilot Project Area would be in conformance with the Lander RMP.” Since no produced water would be discharged into the Beaver Creek or Little Wind River drainages, aquatic and riparian habitats would not be adversely impacted by the Proposed Action. Section 4.4 addresses direct and indirect impacts to water resources, and Section 4.16.2.3 discusses cumulative water resource impacts. The BLM is responsible to enforce the proponent’s use of bird scare systems at the evaporation pits.
3	Wildlife Displacement	Wildlife impacts due to the project are discussed in Sections 4.8 and 4.16.2.7. Wildlife mitigation measures are discussed in Section 2.5, Seasonal Wildlife Restrictions in Appendix C, and Appendix D.
3	Cumulative Impacts	Refer to Section 4.16 for cumulative impacts analysis. Directional drilling was considered, but eliminated from detailed analysis for reasons stated in Section 2.4.3.
4	Permits	Table 1-1 shows that the Wyoming State Engineer’s Office has authority over permissions to appropriate groundwater.

Letter	General Topic	Response
5	No EIS	BLM has determined that an EA would be completed for this project. Significant impacts are not evident, as shown in the analysis.
5	Alternatives	Section 2.3 discusses the alternatives development process for this project.
5	Socioeconomic Analysis	Sections 3.11 and 4.11 discuss the Socioeconomic environment and impacts of the proposal. Section 4.16.2.10 discusses cumulative impacts.
5	National Energy Policy	Thank you for your comment.
6	Time Extension for Scoping Comments	BLM extended the July 21 deadline for scoping comments to September 8, 2006 (refer to Section 5.1).
7	Range Resources	Thank you for your affirmative comments. Section 4.9 details project impacts to Range Resources.
8	Crucial pronghorn winter range	Appendix C – Conditions of Approval and Seasonal Wildlife Restrictions specifies the restrictions in crucial pronghorn winter range.
8	Sage Grouse	Section 3.8.2.2 represent that no leks are present within 2.6 miles of the BCPA.
8	Reclamation	Please see comment response to Letter 2 above.
8	Raptor Survey	Section 3.8.2.1 states that a raptor nest survey was completed for the BCPA in May of 2006.
8	Water Quality Changes	Section 4.4.1.1 describes in detail the impacts the Proposed Action would have on surface water quality.
9	Need for Additional Pilot Program	Section 1.3 details the Purpose and Need for the Proposed Action. Section 1.4 states that the proposed project complies with the Lander RMP.
9	Use of Reservation Land to Manage Produced Water	The existing evaporation pond proposed for use (described in Section 2.3.1.8) is within the Reservation boundary, but located on private surface.
9	Drainage of Tribal Minerals	Discussions of drainage of Tribal Minerals is beyond the scope of this analysis.
9	Groundwater Impacts	Section 4.4.1.2 details project impacts to area groundwater. Section 4.4.3 indicates mitigation and monitoring Devon will be required to undertake for the protection of surface and ground water resources.
9	Surface Water Impacts	Section 4.4.1.1 describes in detail the impacts the Proposed Action would have on surface water quality. Section 4.4.3 indicates mitigation and monitoring Devon will be required to undertake for the protection of surface and ground water resources.
9	Reduction of Disturbance	Mitigation measures are discussed in Section 2.5, Appendix C (Conditions of Approval and Seasonal Wildlife Restrictions) and Appendix D (Wyoming BLM Standard Mitigation Measures). Additional mitigation and monitoring are detailed throughout Chapter 4. Directional drilling was considered, but eliminated from detailed analysis for reasons stated in Section 2.4.3.
9	Air Quality Impacts	Section 4.3.1.2 details direct and indirect air quality impacts due to the Proposed Action, while Section 4.16.2.2 discusses cumulative air quality impacts.
9	Cultural Resource Impacts	Section 4.10.1 discusses Cultural Resource impacts of the Proposed Action, and Section 4.16.2.9 addresses cumulative impacts.
9	CBM Not Addressed	The BLM has found that CBM development is in conformance with

Letter	General Topic	Response
	in RMP	the Lander RMP (Section 1.4). CBM development is taking place throughout BLM lands in the U.S. in conformance with existing resource management plans.
10	In Favor of Project	Thank you for your comments.
11	Limited Impacts	Thank you for your comments.
12	Time Extension for Scoping Comments	BLM extended the July 21 deadline for scoping comments to September 8, 2006 (refer to Section 5.1).
13	Discharge Permit	Section 2.3.1.7 details the disposal method for hydrostatic test water. Section 2.3.1.11 addresses produced water disposal methodology. There will be no discharge of produced water, so state discharge permit would not be required.
13	Storm Water	Table 1-1 details the authority of the WDEQ WQD in storm water runoff permits.
13	Underground Injection Control (UIC)	Table 1-1 details the authority of the WDEQ in UIC permissions.
13	Section 404	There are no wetlands within the Beaver Creek Project Area, so a Section 404 permit would not be required.
14	Environmental Justice	Section 4.11.2 details Environmental Justice impacts of the proposed project.
14	Water Quality and Management	Section 2.3.1.11 discusses produced water disposal methods to be used. Section 4.4.1.1 details surface water quality impacts. Wildlife and sensitive species impact discussions are found in Section 4.8. Section 4.4.3 details mitigation and monitoring to protect surface water resources, including measures for erosion and sediment control.
14	Tribal Consultation	Consultation was initiated with tribal elders by the BLM cultural specialist prior to a subsurface archaeological survey in the BCPA.
14	Air Quality and Dust Suppression	Section 4.3.1.1 details the Proposed Action Emission Inventory. Section 4.3.1.2 discusses impacts expected from the proposed project. Section 4.16.2.2 addresses cumulative air quality impacts. Mitigation measures for air quality are addressed in Section 2.5 and 4.3.3.
14	Wetlands Protection	There are no wetlands in the Beaver Creek Project Area.
14	Vegetation, wildlife, hunting/fishing impacts	Section 4.7.1 details project impacts to vegetation. Section 4.8.1 discusses impacts to wildlife and special status species due to the Proposed Action. Section 4.12 addresses impacts to hunting and OHV use (recreation).
14	Noxious Weeds	Section 4.7.1.3 describes the impacts of the project on noxious weed infestation, and Section 4.7.3 details additional mitigation and monitoring. Section 2.5 and Appendix C (Conditions of Approval) also addresses noxious weeds.
14	Cumulative Impacts	Section 4.16 describes the cumulative impacts associated with the Proposed Action.

REFERENCES CITED

Bureau of Land Management. 1986. Final Resource Management Plan/Environmental Impact Statement for the Lander Resource Area, Lander, Wyoming. U.S. Department of the Interior, Bureau of Land Management, Lander, Wyoming.

Bureau of Land Management. 1987. Record of Decision for the Lander Resource Management Plan. U.S. Department of the Interior, Bureau of Land Management, Lander Resource Area, Lander, Wyoming.

Bureau of Land Management. 1986. Grazing Supplement to the Final Resource Management Plan/Environmental Impact Statement for the Lander Resource Area, Lander, Wyoming.

APPENDIX C

CONDITIONS OF APPROVAL

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-12

Lease Number: WYC-068994A

Location: Township 34 North, Range 96 West, Section 27 SWNW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer (approximately 70 percent), is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	1.5 lbs/acre
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.

6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.
7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, CONSTRUCTION MONITORING.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 27 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-14

Lease Number: WYC-071328

Location: Township 34 North, Range 96 West, Section 27 SWSW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.

6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.
7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, SITE AVOIDANCE.** Prior to any surface disturbing activities, the holder shall install protective fencing along the southeast side of the well pad within specific legal locations.

To protect site 48FR5972, a BLM-permitted archeologist shall determine the location of the fence. The type of fencing shall be determined by the authorized officer after consulting with the holder. The fencing shall be left in place until all work under this authorization is completed. Violation of this stipulation may result in the holder being subject to the penalties and actions contained in the 43CFR7 Regulations, which are on file at all BLM offices.

11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached ***Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement.*** The decision as to the appropriate

measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement,* and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design.*

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-21

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 27 NENW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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If Stuart Cerovski is unavailable please contact.

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Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or

exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, CONSTRUCTION MONITORING.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 27 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-23

Lease Number: WYC-071328

Location: Township 34 North, Range 96 West, Section 27 NESW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

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Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or

exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The operator shall ensure adequate drainage structures are installed so as not to impede drainage on the access road.
10. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
11. **CULTURAL RESOURCES, CONSTRUCTION MONITORING.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 27 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-32

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 27 SWNE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

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Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #27-41

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 27 NENE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Surface Management: Curtis Bryan Phone: (307) 332-8415

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SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, SITE AVOIDANCE.** The holder shall install temporary protective fencing along the ROW within specific legal locations.

Locations and types of fencing shall be determined by the authorized officer after consulting with the holder. The fencing shall be left in place until all work under this authorization is completed. Violation of this stipulation may result in the holder being subject to the penalties and actions contained in the 43CFR7 Regulations, which are on file at all BLM offices.

11. **CULTURAL RESOURCES, CONSTRUCTION MONITORING.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 27 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-12

Lease Number: WYC-068994A

Location: Township 34 North, Range 96 West, Section 28 SWNW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of November 15th to April 30th, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-14

Lease Number: WYC-068994A

Location: Township 34 North, Range 96 West, Section 28 SWSW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of November 15th to April 30th, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-21

Lease Number: WYC-068994A

Location: Township 34 North, Range 96 West, Section 28 NENW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 All (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-23

Lease Number: WYC-071328

Location: Township 34 North, Range 96 West, Section 28 NESW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

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Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-32

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 28 SWNE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

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SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-34

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 28 SWSE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, MONITORING/TRENCH INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations and inspect the open pipeline trench at the following locations:

T.34N., R.96W. Section 28 all (well pad, access road, and pipeline)

Blade Monitoring: The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Trench Inspection: The archeologist shall notify the authorized officer prior to beginning the open pipeline trench inspection. Soil stratigraphy shall be recorded whether or not cultural resources are discovered. If cultural resources are discovered in the trench, the authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement*, and *Research Design*.

The holder shall be responsible for the cost of monitoring, inspections, and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-41

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 28 NENE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The operator shall fence off and reclaim the existing two-track road to the north of the well pad utilizing the seed mix stated above.
10. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
11. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
12. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached

Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement, and the Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #28-43

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 28 NESE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 28 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #33-21

Lease Number: WYC-070590

Location: Township 34 North, Range 96 West, Section 33 NENW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

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Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of November 15th to April 30th, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
11. **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #33-32

Lease Number: WYC-070590

Location: Township 34 North, Range 96 West, Section 33 SWNE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. Sediment control structures such as silt fencing or wing ditches shall be placed on all cut and fill slopes and maintained in working condition until interim reclamation takes place.
11. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of November 15th to April 30th, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
12. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
13. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 33 (access road only)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist

determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached ***Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement.*** The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached ***Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement,*** and the ***Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design.***

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #33-43

Lease Number: WYC-048242

Location: Township 34 North, Range 96 West, Section 33 NESE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of November 15th to April 30th, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 33 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #34-12

Lease Number: WYC-071328

Location: Township 34 North, Range 96 West, Section 34 SWNW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). **During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities.** An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 34 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #34-21

Lease Number: WYC-071328

Location: Township 34 North, Range 96 West, Section 34 NENW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

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Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre
Slender wheatgrass	3 lbs/acre
Needle and Thread	3 lbs/acre
Bottlebrush squirreltail	3 lbs/acre
American Vetch	2 lbs/acre
Scarlet Globemallow	2 lbs/acre
Evening Primrose	<u>1.5 lbs/acre</u>
Total	16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
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4. If the access road and well site is dry during construction, drilling, and completion activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and

other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). **During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities.** An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 34 (well pad and access road)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

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The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

APPLICATION FOR PERMIT TO DRILL CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU #33-41

Lease Number: WYC-070590

Location: Township 34 North, Range 96 West, Section 33 NENE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

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SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre	
Slender wheatgrass	3 lbs/acre	
Needle and Thread	3 lbs/acre	
Bottlebrush squirreltail	3 lbs/acre	
American Vetch	2 lbs/acre	
Scarlet Globemallow	2 lbs/acre	
Evening Primrose	<u>1.5 lbs/acre</u>	
Total		16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
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6. The reserve pit shall be lined with a 12 mil synthetic liner. When the reserve pit contains fluids or toxic substances the operator will provide effective and proven wildlife deterrents

or exclusionary devices such as nets, to insure at all times that wildlife, migratory birds, and other animals are not adversely affected by open pits. Any open pits would be fenced to prevent and deter wildlife, migratory birds, and other animals from entering and/or ingesting substances.

7. No hydrocarbons shall be allowed in the reserve pit at any time, should hydrocarbons get into the pit they shall be removed immediately. Burning of waste oil is prohibited without prior authorization from the Authorized Officer.
8. Prior to closure of the reserve pit and interim reclamation activities, the operator shall contact the BLM authorized officer to set up an onsite to discuss appropriate procedures for reserve pit closure.
9. The well pad shall be constructed in such a manner as to prevent the collection of surface runoff.
10. **CULTURAL RESOURCES, SITE AVOIDANCE.** The holder shall adhere to the proposed project reroute delineated on the attached map within the specific legal locations.

This reroute is necessary to avoid impacts to an archeological site located within the original access route. Violation of this stipulation may result in the holder being subject to the penalties and actions contained in the 43CFR7 Regulations, which are on file at all BLM offices.

11. **CULTURAL RESOURCES, MONITORING INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Section 33 (well pad only)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement, and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

SUNDRY NOTICE CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU CBNG Facilities, Alternate #'s 1 and 2.

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 34 NENW

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

Office Phone: (307) 332-8400 Fax No.: (307) 332-8447

Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.
2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the access road and facilities location is dry during construction activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The facilities location shall be constructed in such a manner as to prevent the collection of surface runoff.
7. All long term production facilities will be located on existing cut portions of the location.
8. All tank batteries and facilities designed to contain fluids shall be surrounded by an impervious dike designed to contain 110% of the contents of the largest vessel. All pipelines and other load lines will terminate within the bermed area.
9. All permanent OSHA exempt above ground production facilities will be painted the color Covert Green (Pantone 18-0617 TPX).
10. **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. The holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures shall be made by the Authorized Officer after consulting with the holder.

SUNDRY NOTICE CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU CBNG Facilities, Alternate #'s 1 and 2.

Lease Number: WYC-068994A

Location: Township 34 North, Range 96 West, Section Various

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

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Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre	
Slender wheatgrass	3 lbs/acre	
Needle and Thread	3 lbs/acre	
Bottlebrush squirreltail	3 lbs/acre	
American Vetch	2 lbs/acre	
Scarlet Globemallow	2 lbs/acre	
Evening Primrose	<u>1.5 lbs/acre</u>	
Total		16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the conditions are dry during construction activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The pipeline overburden shall be adequately compacted to minimize subsidence and channelization.

7. All permanent OSHA exempt above ground production facilities will be painted the color Covert Green (Pantone 18-0617 TPX).
8. All surface disturbance associated with construction of the pipeline must be confined to the 35 foot ROW.
9. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). **During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities.** An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
10. **CULTURAL RESOURCES, MONITORING/TRENCH INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations and inspect the open pipeline trench at the following locations:

T.34N., R.96W. Sections 21 all, 28 all (pipeline)

Blade Monitoring: The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries not later than five working days after being notified, and will determine what action shall be taken with respect to such discoveries. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Trench Inspection: The archeologist shall notify the authorized officer prior to beginning the open pipeline trench inspection. Soil stratigraphy shall be recorded whether or not cultural resources are discovered. If cultural resources are discovered in the trench, the authorized officer will evaluate, or will have evaluated, such discoveries not later than five working days after being notified, and will determine what action shall be taken with respect to such discoveries. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Cultural resources discovered during construction (including, but not limited to hearths, bone beds, domestic structural remains, activity areas, occupation layers, etc.) shall be excavated according to

instructions from BLM after BLM has consulted with SHPO and the holder. Samples for C-14, pollen, geomorphology, and soils shall be collected and analyzed if feasible and necessary for analysis of the excavated resources. Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in BLM's standard excavation and/or removal permits.

The holder shall be responsible for the cost of monitoring, inspections, and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

SUNDRY NOTICE CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU Pipeline/Powerline Corridors

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section Various

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

The Bureau of Land Management, Lander Field Office address and contacts are:

Address: P. O. Box 589, Lander, Wyoming 82520

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Petroleum Engineer: Stuart Cerovski Home Phone: (307) 332-2408

If Stuart Cerovski is unavailable please contact.

John Dull Work Phone: (307) 328-4227 Home Phone: (307) 324-6636

Jerry Dickenson Work Phone: (307) 328-4243 Cell Phone: (307) 320-8327

Inspection/Enforcement:

Steve Day Home phone: (307) 856-9342

Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre	
Slender wheatgrass	3 lbs/acre	
Needle and Thread	3 lbs/acre	
Bottlebrush squirreltail	3 lbs/acre	
American Vetch	2 lbs/acre	
Scarlet Globemallow	2 lbs/acre	
Evening Primrose	<u>1.5 lbs/acre</u>	
Total		16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. If the conditions are dry during construction activities, the disturbed areas must be watered to help road compaction and minimize soil loss due to wind erosion.
5. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
6. The pipeline overburden shall be adequately compacted to minimize subsidence and channelization.

7. All surface disturbance associated with construction of the power lines and pipelines must be confined to the 35 foot ROW.
8. All permanent OSHA exempt above ground production facilities will be painted the color Covert Green (Pantone 18-0617 TPX).
9. This location has been identified as being in crucial winter range for antelope. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., crucial winter range for antelope). During the period of **November 15th to April 30th**, the operator will be required to notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbance. An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed or delay work. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any disturbance activities.
10. This project has been identified as being in potential mountain plover nesting habitat. According to 43 CFR 3101.1-2, new surface disturbing activities may be prohibited during the lease year to minimize adverse impacts where resource values were previously unrecognized (e.g., mountain plover nesting). **During the period from April 10th to July 10th, the operator shall notify the Lander Field Office, in writing, ten (10) days prior to initiating any surface disturbing activities.** An evaluation will be conducted of the area and a decision will be made by the Authorized Officer to either proceed, require surveys, or delay activities. Any variances to this Condition of Approval must be approved in writing by the Authorized Officer prior to any surface disturbing activities.
11. To prevent raptors from gaining a predatory advantage, the operator shall install anti-perching devices on all power poles, and maintain these devices for the life of the electric lines in accordance with the guidelines set forth in the Avian Protection Plan approved in April 2005.
12. **CULTURAL RESOURCES, SITE AVOIDANCE.** Prior to any surface disturbing activities, the holder shall install protective fencing along the southeast side of the well pad within specific legal locations.

To protect sites 48FR5971 and 48FR6010, a BLM-permitted archeologist shall determine the location of the fence. The type of fencing shall be determined by the authorized officer after consulting with the holder. The fencing shall be left in place until all work under this authorization is completed. Violation of this stipulation may result in the holder being subject to the penalties and actions contained in the 43CFR7 Regulations, which are on file at all BLM offices.

13. **CULTURAL RESOURCES, MONITORING/TRENCH INSPECTION.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations and inspect the open pipeline trench at the following locations:

**T.34N., R.96W. Section 27 NW/SW/NW, Section 28 E1/2SE/NE, E1/2NE/SE
(pipeline between 27-12 well pad and CBNG Separation Facility)**

**T.34N., R.96W. Section 27 NW/SW/SW, W1/2NW/SW, Section 28 NE/NE/SE
(pipeline between 27-14 well pad and the turn-off to CBNG Separation Facility)**

T.34N., R.96W. Section 27 SW/NE/SW, NE/SW/SW (pipeline between 27-23 well pad and main trunk line)

T.34N., R.96W. Section 27 SW/SW/NE, SE/SE/NW, NE/NE/SW (pipeline between 27-32 well pad and 27-23 well pad)

T.34N., R.96W. Section 28 NE/SW/NW, SE/NW/NW, SW/NE/NW (pipeline between 28-12 well pad and 28-21 well pad)

T.34N., R.96W. Section 28 NE/SW/SW, SE/NW/SW, SW/NE/SW (pipeline between 28-14 well pad and 28-23 well pad)

T.34N., R.96W. Section 28 NE/NE/NW, N1/2NW/NE (pipeline between 28-21 well pad and main trunk line)

T.34N., R.96W. Section 28 NE/NE/SW, SE/SE/NW, SW/SW/NE (pipeline between 28-23 well pad and 28-32 well pad)

T.34N., R.96W. Section 28 N1/2SW/NE, SE/NW/NE (pipeline between 28-32 well pad and main trunk line)

T.34N., R.96W. Section 28 E1/2/SW/SE, W1/2SE/SE (pipeline between 28-34 well pad and evaporation pit)

T.34N., R.96W. Section 28 W1/2NE/NE, SE/NE (pipeline between 28-41 well pad and turn-off to Separation Facility from main trunkline)

T.34N., R.96W. Section 33 SE/NE/NW (pipeline between 33-21 well pad and existing BCU 177 well)

T.34N., R.96W. Section 33 NE/SW/NE, NW/SE/NE, SW/NE/NE (pipeline between 33-32 well pad and 33-41 well pad)

T.34N., R.96W. Section 33 W1/2NE/NE, Section 34 NW/NW/NW, Section 27 S1/2SW/SW (pipeline between 33-41 well pad and main trunkline)

T.34N., R.96W. Section 33 N1/2NE/SE, S1/2SE/NE, Section 34 SW/SW/NW (pipeline between 33-43 well pad and 34-12 well pad)

T.34N., R.96W. Section 34 SE/SW/NW, W1/2/SE/NW, SW/NE/NW (pipeline between 34-12 well pad and 34-21 well pad)

T.34N., R.96W. Section 34 NE/NW, N1/2/SE/NW (pipeline between 34-21 well pad and 33-43 access road)

Blade Monitoring: The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's

requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries not later than five working days after being notified, and will determine what action shall be taken with respect to such discoveries. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Trench Inspection: The archeologist shall notify the authorized officer prior to beginning the open pipeline trench inspection. Soil stratigraphy shall be recorded whether or not cultural resources are discovered. If cultural resources are discovered in the trench, the authorized officer will evaluate, or will have evaluated, such discoveries not later than five working days after being notified, and will determine what action shall be taken with respect to such discoveries. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Cultural resources discovered during construction (including, but not limited to hearths, bone beds, domestic structural remains, activity areas, occupation layers, etc.) shall be excavated according to instructions from BLM after BLM has consulted with SHPO and the holder. Samples for C-14, pollen, geomorphology, and soils shall be collected and analyzed if feasible and necessary for analysis of the excavated resources. Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in BLM's standard excavation and/or removal permits.

The holder shall be responsible for the cost of monitoring, inspections, and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

11. **CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION.** Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery will be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.

SUNDRY NOTICE CONDITIONS OF APPROVAL

Proponent: Devon Energy Production Company LP.

Well Number: BCU Evaporation Pond

Lease Number: WYC-068828

Location: Township 34 North, Range 96 West, Section 28 SESE

A COMPLETE COPY OF THE APPROVED APPLICATION FOR PERMIT TO DRILL INCLUDING THESE CONDITIONS OF APPROVAL SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE AND BE AVAILABLE ON SITE DURING ALL CONSTRUCTION, DRILLING AND COMPLETION OPERATIONS TO INSURE COMPLIANCE.

GOVERNMENT CONTACTS

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Phil Mcleod Home phone: (307) 332-3762

Surface Management: Curtis Bryan Phone: (307) 332-8415

Chris Krassin Phone: (307) 332-8452

SURFACE USE PLAN CONDITIONS OF APPROVAL

1. All disturbed areas shall be seeded with the seed mixture listed below. Seed shall be certified weed free and contain no primary or secondary noxious weed seeds in the seed mix. The seed shall be applied by a drill equipped with a regulator. Planting depth shall not exceed one-half inch. Where drilling is not possible, seed shall be broadcast and the area shall be raked or chained to cover the seed. It is recommended that the seeding be done during the months of September or October following construction completion. The seeding will be repeated until a satisfactory stand, as determined by the Authorized Officer, is obtained. Evaluation of growth will not be made before completion of the first growing season after seeding.

The following seed mix will be used for interim reclamation activities. Prior to starting final reclamation and/or relinquishment, the operator will contact the Authorized Officer for a final approved seed mix.

Seed mixture:

Western wheatgrass	3 lbs/acre	
Slender wheatgrass	3 lbs/acre	
Needle and Thread	3 lbs/acre	
Bottlebrush squirreltail	3 lbs/acre	
American Vetch	2 lbs/acre	
Scarlet Globemallow	2 lbs/acre	
Evening Primrose	<u>1.5 lbs/acre</u>	
Total		16.5 lbs/acre PLS (Pure Live Seed)

*If broadcast method is utilized, the seed mixture shall be doubled.

**Should any of the above prescribed seed species be unavailable at the time of seeding operations the Authorized Officer shall be contacted to allow for the approval of a change in seed mixture.

2. All weeds shall be controlled on all disturbed areas within the exterior limits of this authorization. The control methods shall be in accordance with guidelines established by applicable EPA, BLM, State and local authorities. Prior to the use of any herbicide on Federal lands, the applicator must have a valid certified applicators license and have a valid Pesticide Use Proposal (PUP) for the chemical being applied, submitted to and approved by BLM.
3. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of 4 inches deep, the soil shall be deemed too wet to adequately support such equipment. Vehicle travel must be confined to the approved access road and well pad at all times.
4. Construction related activity shall be restricted to approved routes. Cross-country vehicle travel shall not be permitted.
5. The operator shall construct the evaporation pond in accordance with the design requirements in Onshore Order No. 7, BLM Manual 9172, and applicable State agency requirements.
6. The operator shall ensure adequate protection of migratory birds in accordance with the Migratory Bird Treaty Act as amended.

7. The pond shall be lined with a 60 mil impermeable synthetic liner and shall be resistant to weather, sunlight, hydrocarbons, aqueous acids, alkalies, salt, fungi, or other substances likely to be contained in the produced water.
8. The liner shall be installed over smooth subgrade that is devoid of any sharp object that has the potential of damaging the liner.
9. Topsoil shall be respread at a depth of 8 inches along the backslopes of the pond containment dikes to the edge of the pond liner. Excess topsoil shall be spread over the spoil pile around the northwest and southwest edges of the pond at a depth of no greater than 16 inches. All topsoil shall be hydroseeded utilizing the seed mix provided above (Surface Use Condition of Approval No. 1) and a hydromulch applied after seeding.
10. Prior to closure of the evaporation pond, a site inspection shall be scheduled between the operator and BLM to determine the appropriate closure procedures.
11. **CULTURAL RESOURCES, CONSTRUCTION MONITORING.** The holder of this authorization shall provide an archeologist, with a current BLM Cultural Resources Use Permit, to monitor ground clearing operations at the following locations:

T.34N., R.96W. Sections 27,28,33 (evaporation pit and catch ditch)

The archeologist shall notify the authorized officer prior to beginning blade monitoring. Construction methods shall be utilized which will allow the identification of cultural resources without endangering the personnel monitoring the construction activities. The archeologist shall specify the depths of cuts made by earth-moving equipment, and the holder must comply with the archeologist's requirements. Monitoring shall continue until work is completed or until strata that could possibly contain cultural resources will no longer be disturbed. If potentially significant cultural resources are identified, and the archeologist determines that further operations will affect the resource, the holder shall suspend all activities in the vicinity of such a discovery until notified to proceed by the authorized officer. The authorized officer will evaluate, or will have evaluated, such discoveries in accordance with the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*. The decision as to the appropriate measures to mitigate adverse effects to significant cultural resources shall be made by the authorized officer after consulting with the holder.

Treatment of cultural resources discovered during construction: Excavations, methods, analysis, results, and report write-up shall follow guidelines as outlined in the attached *Discovery Plan and Research Orientation for the Beaver Creek Unit, with supplement*, and the *Beaver Creek Oil and Gas Unit Programmatic Agreement and Research Design*.

The holder shall be responsible for the cost of monitoring and mitigative measures.

A report of all archeological activities shall be submitted to the authorized officer within 30 days of completion of the field work. If the report is authorized as preliminary, a final report shall be submitted to the authorized officer within 6 months of completion of field work.

GENERAL CONDITIONS OF APPROVAL

1. Approval of this APD does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. In addition, approval of this APD does not imply that the operator has legal access to the drilling location. When crossing private surface 43 CFR 3814 regulations must be complied with and when crossing public surface off-lease the operator must have an approved rights-of-way.
2. This APD is valid for a period of one year from the date of approval or until the oil and gas lease expires/terminates, whichever occurs first. If the APD terminates, any surface disturbance created under the application must be reclaimed in accordance with the approved plan.
3. All applicable local, state and/or federal laws, regulations, and/or statutes must be complied with.
4. Notifications to the Authorized Officer:
 - A. Construction Start up. The Authorized Officer and Surface Management Agency shall be verbally notified at least 48 hours in advance of access road/well pad construction, seeding, and the initiation of any reclamation work.
 - B. Spudding date. The Authorized Officer shall be verbally notified 24 HOURS PRIOR TO SPUDDING unless otherwise required in site specific conditions of approval. Verbal notification shall be followed by written notification on a Sundry Notice (Form 3160-5) within 5 working days after the verbal notification.
 - C. Other notifications. Verbal notification shall be given to the Authorized Officer at least 24 hours in advance of formation tests, BOP tests, running and cementing casing (other than conductor casing), and drilling over lease expiration dates.
 - D. Progress. A progress report must be filed a minimum of once a month starting with the month the well was spud and continuing until the well is completed. The report must be filed by the 25th of each month on a Sundry Notice (Form 3160-5). The report will include the spud date, casing information such as size, grade, weight, hole size, and setting depth, amount and type of cement used, top of cement, depth of cementing tools, casing test method, intervals tested, perforated, acidized, fractured and results obtained and the dates all work done.
5. The operator is responsible for informing all persons associated with this project that they shall be subject to prosecution for damaging, altering, excavating or removing any archaeological, historical, or vertebrate fossil objects or site. If archaeological, historical, or vertebrate fossil materials are discovered, the operator is to suspend all operations that further disturb such materials and immediately contact the Authorized Officer. Operations are not to resume until written authorization to proceed is issued by the Authorized Officer.

Within five (5) working days, the Authorized Officer will evaluate the discovery and inform the operator of actions that will be necessary to prevent loss of significant cultural or scientific values.

The operator is responsible for the cost of any mitigation required by the Authorized Officer. The Surface Management Agency will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that the required mitigation has been completed, the operator will be allowed to resume operations.

6. The operator shall be responsible for the prevention and suppression of fires on Federal lands caused by its employees, contractors or subcontractors. During conditions of extreme fire danger, surface use operations may be limited or suspended in specific areas.
7. All survey monuments found within the area of operations shall be protected. Survey monuments include, but are not limited to: General Land Office and Bureau of Land Management Cadastral Survey Corners, reference corners, witness points, U. S. Coast and Geodetic benchmarks and triangulation stations, military control monuments, and recognizable civil (both public and private) survey monuments. In the event of obliteration or disturbance of any survey monuments, the incident shall be reported in writing to the Authorized Officer.
8. Approved facilities on public lands that are no longer included within the lease, due to a change in the lease or unit boundary, shall be authorized with a right-of-way or other appropriate authorization. The authorization will be subject to rental, or other financial obligation as determined by the authorized officer.
9. Operations that deviate from the approved APD shall receive prior written approval from the Authorized Officer. Emergency approval may be obtained orally but such approval does not waive the written report requirement.

APPENDIX D

WYOMING BLM MITIGATION GUIDELINES

WYOMING BLM MITIGATION GUIDELINES FOR SURFACE-DISTURBING AND DISRUPTIVE ACTIVITIES

INTRODUCTION

These guidelines are primarily for the purpose of attaining statewide consistency in how requirements are determined for avoiding and mitigating environmental impacts and resource and land use conflicts. Consistency in this sense does not mean that identical requirements would be applied for all similar types of land use activities that may cause similar types of impacts. Nor does it mean that the requirements or guidelines for a single land use activity would be identical in all areas.

There are two ways the mitigation guidelines are used in the RMP EIS process: (1) as part of the planning criteria in developing the RMP alternatives, and (2) in the analytical processes of both developing the alternatives and analyzing the impacts of the alternatives. In the first case, an assumption is made that any one or more of the mitigations will be appropriately included as conditions of relevant actions being proposed or considered in each alternative. In the second case, the mitigations are used (1) to develop a baseline for measuring and comparing impacts among the alternatives; (2) to identify other actions and alternatives that should be considered, and (3) to help determine whether more stringent or less stringent mitigations should be considered.

The EIS for the RMP does not decide or dictate the exact wording or inclusion of these guidelines. Rather, the guidelines are used in the RMP EIS process as a tool to help develop the RMP alternatives and to provide a baseline for comparative impact analysis in arriving at RMP decisions. These guidelines will be used in the same manner in analyzing activity plans and other site-specific proposals. These guidelines and their wording are matters of policy. As such, specific wording is subject to change primarily through administrative review, not through the RMP EIS process. Any further changes that may be made in the continuing refinement of these guidelines and any development of program-specific standard stipulations will be handled in another forum, including appropriate public involvement and input.

PURPOSE

The purpose of the "Wyoming BLM Mitigation Guidelines" are (1) to reserve, for the BLM, the right to modify the operations of all surface and other human presence disturbance activities as part of the statutory requirements for environmental protection, and (2) to inform a potential lessee, permittee, or operator of the requirements that must be met when using BLM-administered public lands. These guidelines have been written in a format that will allow for (1) their direct use as stipulations, and (2) the addition of specific or specialized mitigation following the submission of a detailed plan of development or other project proposal, and an environmental analysis.

Those resource activities or programs currently without a standardized set of permit or operation stipulations can use the mitigation guidelines as stipulations or as conditions of approval, or as a baseline for developing specific stipulations for a given activity or program.

Because use of the mitigation guidelines was integrated into the RMP EIS process and will be integrated into the site-specific environmental analysis process, the application of stipulations or mitigation requirements derived through the guidelines will provide more consistency with planning decisions and plan implementation than has occurred in the past. Application of the mitigation guidelines to all surface and other human presence disturbance activities concerning

BLM-administered public lands and resources will provide more uniformity in mitigation than has occurred in the past.

MITIGATION GUIDELINES

2. Surface Disturbance Mitigation Guideline

Surface disturbance will be prohibited in any of the following areas or conditions. Exception, waiver, or modification of this limitation may be approved in writing, including documented supporting analysis, by the authorized officer.

- f. Slopes in excess of 25 percent.
- g. Within important scenic areas (Class I and II Visual Resource Management Areas).
- h. Within 500 feet of surface water and/or riparian areas.
- i. Within either one-quarter mile or the visual horizon (whichever is closer) of historic trails.
- j. Construction with frozen material or during periods when the soil material is saturated or when watershed damage is likely to occur.

Guidance

The intent of the SURFACE DISTURBANCE MITIGATION GUIDELINE is to inform interested parties (potential lessees, permittees, or operators) that when one or more of the five (1a through 1e) conditions exist, surface-disturbing activities will be prohibited unless or until a permittee or his designated representative and the surface management agency (SMA) arrive at an acceptable plan for mitigation of anticipated impacts. This negotiation will occur prior to development.

Specific criteria (e.g., 500 feet from water) have been established based upon the best information available. However, such items as geographical areas and seasons must be delineated at the field level.

Exception, waiver, or modification of requirements developed from this guideline must be based upon environmental analysis of proposals (e.g., activity plans, plans of development, plans of operation, applications for permit to drill) and, if necessary, must allow for other mitigation to be applied on a site-specific basis.

3. Wildlife Mitigation Guideline

- To protect important big game winter habitat, activities or surface use will not be allowed from November 15 through April 30 within certain areas encompassed by the authorization. The same criteria apply to defined big game birthing areas from May 1 through June 30.

Application of this limitation to operation and maintenance of a developed project must be based on environmental analysis of the operational or production aspects.

Exception, waiver, or modification of this limitation in any year may be approved in writing, including documented supporting analysis, by the authorized officer.

- To protect important raptor and/or sage and sharp-tailed grouse nesting habitat, activities or surface use will not be allowed from February 1 through July 31 within certain areas encompassed by the authorization. The same criteria apply to defined raptor and game bird winter concentration areas from November 15 through April 30.

Application of this limitation to operation and maintenance of a developed project must be based on environmental analysis of the operational or production aspects.

Exception, waiver, or modification of this limitation in any year may be approved in writing, including documented supporting analysis, by the authorized officer.

- No activities or surface use will be allowed on that portion of the authorization area identified within (legal description) for the purpose of protecting (e.g., sage/sharp-tailed grouse breeding grounds, and/or other species/activities) habitat.

Exception, waiver, or modification of this limitation in any year may be approved in writing, including documented supporting analysis, by the authorized officer.

- Portions of the authorized use area legally described as (legal description), are known or suspected to be essential habitat for (name) which is a threatened or endangered species. Prior to conducting any onsite activities, the lessee/permittee will be required to conduct inventories or studies in accordance with BLM and U.S. Fish and Wildlife Service guidelines to verify the presence or absence of this species. In the event that (name) occurrence is identified, the lessee/permittee will be required to modify operational plans to include the protection requirements of this species and its habitat (e.g., seasonal use restrictions, occupancy limitations, facility design modifications).

Guidance

The WILDLIFE MITIGATION GUIDELINE is intended to provide two basic types of protection: seasonal restriction (2a and 2b) and prohibition of activities or surface use (2c). Item 2d is specific to situations involving threatened or endangered species. Legal descriptions will ultimately be required and should be measurable and legally definable. There are no minimum subdivision requirements at this time. The area delineated can and should be defined as necessary, based upon current biological data, prior to the time of processing an application and issuing the use authorization. The legal description must eventually become a part of the condition for approval of the permit, plan of development, and/or other use authorization.

The seasonal restriction section identifies three example groups of species and delineates three similar time frame restrictions. The big game species bighorn sheep, all require protection of crucial winter range between November 15 and April 30. Bighorn sheep also require protection from disturbance from May 1 through June 30, when they typically occupy distinct calving and lambing areas. Raptors include eagles, accipiters, falcons (peregrine, prairie, and merlin), buteos (ferruginous and Swainson's hawks), osprey, and burrowing owls. The raptors and sage and sharp-tailed grouse require nesting protection between February 1 and July 31. The same birds often require protection from disturbance from November 15 through April 30 while they occupy winter concentration areas.

Item 2c, the prohibition of activity or surface use, is intended for protection of specific wildlife habitat areas or values within the use area that cannot be protected by using seasonal

restrictions. These areas or values must be factors that limit life-cycle activities (e.g., sage grouse strutting grounds, known threatened and endangered species habitat).

Exception, waiver, or modification of requirements developed from this guideline must be based upon environmental analysis of proposals (e.g., activity plans, plans of development, plans of operation, applications for permit to drill) and, if necessary, must allow for other mitigation to be applied on a site-specific basis.

4. Cultural Resource Mitigation Guideline

When a proposed discretionary land use has potential for affecting the characteristics which qualify a cultural property for the National Register of Historic Places (National Register), mitigation will be considered. In accordance with Section 106 of the Historic Preservation Act, procedures specified in 36 CFR 800 will be used in consultation with the Wyoming State Historic Preservation Officer and the Advisory Council on Historic Preservation in arriving at determinations regarding the need and type of mitigation to be required.

Guidance

The preferred strategy for treating potential adverse effects on cultural properties is "avoidance." If avoidance involves project relocation, the new BCPA may also require cultural resource inventory. If avoidance is imprudent or unfeasible, appropriate mitigation may include excavation (data recovery), stabilization, monitoring, protection barriers and signs, or other physical and administrative measures.

Reports documenting results of cultural resource inventory, evaluation, and the establishment of mitigation alternatives (if necessary) shall be written according to standards contained in BLM Manuals, the cultural resource permit stipulations, and in other policy issued by the BLM. These reports must provide sufficient information for Section 106 consultation. Reports shall be reviewed for adequacy by the appropriate BLM cultural resource specialist. If cultural properties on, or eligible for, the National Register are located within these areas of potential impact and cannot be avoided, the authorized officer shall begin the Section 106 consultation process in accordance with the procedures contained in 36 CFR 800.

Mitigation measures shall be implemented according to the mitigation plan approved by the BLM authorized officer. Such plans are usually prepared by the land use applicant according to BLM specifications. Mitigation plans will be reviewed as part of Section 106 consultation for National Register eligible or listed properties. The extent and nature of recommended mitigation shall be commensurate with the significance of the cultural resource involved and the anticipated extent of damage. Reasonable costs for mitigation will be borne by the land use applicant. Mitigation must be cost effective and realistic. It must consider project requirements and limitations, input from concerned parties, and be BLM approved or BLM formulated.

Mitigation of paleontological and natural history sites will be treated on a case-by-case basis. Factors such as site significance, economics, safety, and project urgency must be taken into account when making a decision to mitigate. Authority to protect (through mitigation) such values is provided for in FLPMA, Section 102(a)(8). When avoidance is not possible, appropriate mitigation may include excavation (data recovery), stabilization, monitoring, protection barriers and signs, or other physical and administrative protection measures.

5. Special Resource Mitigation Guideline

To protect (resource value), activities or surface use will not be allowed (i.e., within a specific distance of the resource value or between date to date) in (legal description).

Application of this limitation to operation and maintenance of a developed project must be based on environmental analysis of the operational or production aspects.

Exception, waiver, or modification of this limitation in any year may be approved in writing, including documented supporting analysis, by the authorized officer.

Example Resource Categories (select or identify category and specific resource value):

- a. Recreation areas.
- b. Special natural history or paleontological features.
- c. Special management areas.
- d. Sections of major rivers.
- e. Prior existing rights-of-way.
- f. Occupied dwellings.
- g. Other (specify).

Guidance

The SPECIAL RESOURCE MITIGATION GUIDELINE is intended for use only in site-specific situations where one of the first three general mitigation guidelines will not adequately address the concern. The resource value, location, and specific restrictions must be clearly identified. A detailed plan addressing specific mitigation and special restrictions will be required prior to disturbance or development and will become a condition for approval of the permit, plan of development, or other use authorization.

Exception, waiver, or modification of requirements developed from this guideline must be based upon environmental analysis of proposals (e.g., activity plans, plans of development, plans of operation, applications for permit to drill) and, if necessary, must allow for other mitigation to be applied on a site-specific basis.

6. No Surface Occupancy Guideline

No Surface Occupancy will be allowed on the following described lands (legal description) because of (resource value).

Example Resource Categories (select or identify category and specific resource value):

- a. Recreation Areas (e.g., campgrounds, historic trails, national monuments).
- b. Major reservoirs/dams.
- c. Special management area (e.g., known threatened or endangered species habitat, areas suitable for consideration for wild and scenic rivers designation).
- d. Other (specify).

Guidance

The NO SURFACE OCCUPANCY (NSO) MITIGATION GUIDELINE is intended for use only when other mitigation is determined insufficient to adequately protect the public interest and is the only alternative to "no development" or "no leasing." The legal description and resource value of concern must be identified and be tied to an NSO land use planning decision.

Waiver of, or exception(s) to, the NSO requirement will be subject to the same test used to initially justify its imposition. If, upon evaluation of a site-specific proposal, it is found that

less restrictive mitigation would adequately protect the public interest or value of concern, then a waiver or exception to the NSO requirement is possible. The record must show that because conditions or uses have changed, less restrictive requirements will protect the public interest. An environmental analysis must be conducted and documented (e.g., environmental assessment, environmental impact statement, etc., as necessary) in order to provide the basis for a waiver or exception to an NSO planning decision. Modification of the NSO requirement will pertain only to refinement or correction of the location(s) to which it applied. If the waiver, exception, or modification is found to be consistent with the intent of the planning decision, it may be granted. If found inconsistent with the intent of the planning decision, a plan amendment would be required before the waiver, exception, or modification could be granted.

When considering the "no development" or "no leasing" option, a rigorous test must be met and fully documented in the record. This test must be based upon stringent standards described in the land use planning document. Since rejection of all development rights is more severe than the most restrictive mitigation requirement, the record must show that consideration was given to development subject to reasonable mitigation, including "no surface occupancy." The record must also show that other mitigation was determined to be insufficient to adequately protect the public interest. A "no development" or "no leasing" decision should not be made solely because it appears that conventional methods of development would be unfeasible, especially where an NSO restriction may be acceptable to a potential permittee. In such cases, the potential permittee should have the opportunity to decide whether or not to go ahead with the proposal (or accept the use authorization), recognizing that an NSO restriction is involved.

APPENDIX E

LANDER BLM SENSITIVE SPECIES, SECTION 7 ENDANGERED SPECIES ACT CONSULTATION

BLM WYOMING STATE DIRECTOR'S SENSITIVE SPECIES LIST (ANIMALS AND PLANTS) FOR LANDER FIELD OFFICE

Project: Beaver Creek EA

Case/Project Number: _____

Date: 03/07/2006

Interviewed by: Griff Morgan

	Scientific Name		
MAMMALS			
Myotis, Long-eared	<i>Myotis evotis</i>	Conifer and deciduous forests, caves and mines	N
Bat, Spotted	<i>Euderma maculatum</i>	Cliffs over perennial water, basin-prairie shrub	N
Bat, Townsend's Big-eared	<i>Corynorhinus townsendii</i>	Forests, basin-prairie shrub, caves and mines	N
Prairie Dog, White-tailed	<i>Cynomys leucurus</i>	Basin-prairie shrub, grasslands	Y
Fox, Swift	<i>Vulpex velox</i>	Grasslands	Y
Rabbit, Pygmy	<i>Brachylagus idahoensis</i>	Basin-prairie and riparian shrub	N
BIRDS			
Ibis, White-faced	<i>Plegadis chihi</i>	Marshes, wet meadows	N
Plover, Mountain	<i>Charadrius montanus</i>	Shortgrass prairie/sparse vegetation	Y
Swan, Trumpeter	<i>Cygnus buccinator</i>	Lakes, ponds, rivers	N
Goshawk, Northern	<i>Accipter gentiles</i>	Conifer and deciduous forests	N
Hawk, Ferruginous	<i>Buteo regalis</i>	Basin-prairie shrub, grassland, rock outcrops	Y
Falcon, Peregrine	<i>Falco peregrinus</i>	Tall cliffs	N
Sage-grouse, Greater	<i>Centrocercus urophasianus</i>	Basin-prairie shrub, mountain-foothill shrub	Y
Curlew, Long-billed	<i>Numenius americanus</i>	Grasslands, plains, foothills, wet meadows	N
Cuckoo, Yellow-billed	<i>Coccyzus americanus</i>	Open woodlands, streamside willow and alder groves	N
Owl, Burrowing	<i>Athene cunicularia</i>	Grasslands, basin-prairie shrub	Y
Thrasher, Sage	<i>Oreoscoptes montanus</i>	Basin-prairie shrub, mountain-foothill shrub	N
Shrike, Loggerhead	<i>Lanius ludovicianus</i>	Basin-prairie shrub, mountain-foothill shrub	Y
Sparrow, Brewer's	<i>Spizella breweri</i>	Basin-prairie shrub	Y
Sparrow, Sage	<i>Amphispiza billineata</i>	Basin-prairie shrub, mountain-foothill shrub	Y
Sparrow, Baird's	<i>Ammodramus bairdii</i>	Grasslands, weedy fields	N
FISH			
Trout, Yellowstone Cutthroat	<i>Oncorhynchus clarki bouvieri</i>	Yellowstone drainage, small mountain streams and large rivers	N

Species Common Name	Scientific Name	Habitat	May be present in Project Area (Y/N)
REPTILES			
AMPHIBIANS			
Frog, Northern Leopard	<i>Rana pipiens</i>	Beaver ponds, permanent water in plains and foothills	N
Spadefoot, Great Basin	<i>Spea intermontana</i>	Spring seeps, permanent and temporary waters	N
Toad, Boreal Northern Rocky Mountain (population)	<i>Bufo boreas boreas</i>	Pond margins, wet meadows, riparian areas	N
Frog, Spotted	<i>Ranus pretiosa (lutiventris)</i>	Ponds, sloughs, small streams	N
PLANTS			
Meadow Pussytoes	<i>Antennaria arcuata</i>	Moist, hummocky meadows, seeps or springs surrounded by sage/grasslands 4,950-7,900'	N
Porter's Sagebrush	<i>Artemisia porteri</i>	Sparsley vegetated badlands of ashy or tufaceous mudstone & clay slopes 5,300-6,500'	Y
Dubois Milkvetch	<i>Astragalus giliviflorus</i> var. <i>purpureus</i>	Barren shale, badlands, limestone, & redbed slopes & ridges 6,900-8,800'	N
Nelson's Milkvetch	<i>Astragalus nelsonianus</i> –or- <i>Astragalus pectinatus</i> var. <i>platyphyllus</i>	Alkaline clay flats, shale bluffs and gullies, pebbly slopes, and volcanic cinders in sparsely vegetated sagebrush, juniper, & cushion plant communities at 5200-7600'	Y
Cedar Rim Thistle	<i>Cirsium aridum</i>	Barren, chalky hills, gravelly slopes, & fine textured, sandy-shaley draws 6,700-7,200'	Y
Owl Creek Miner's Candle	<i>Cryptantha subcapitata</i>	Sandy-gravelly slopes & desert ridges on sandstones of the Winds River Formation 4,700-6,000'	N
Fremont Bladderpod	<i>Lesquerella fremontii</i>	Rocky limestone slopes & ridges 7,000-9,000'	N
Beaver Rim Phlox	<i>Phlox pungens</i>	Sparsely vegetated slopes on sandstone, siltstone, or limestone substrates 6,000-7,400'	Y
Rocky Mountain Twinpod	<i>Physaria saximontana</i> var. <i>saximontana</i>	Sparsely vegetated rocky slopes of limestone, sandstone or clay 5,600-8,300'	Y
Persistent Sepal Yellowcress	<i>Rorippa calycina</i>	Riverbanks & shorelines, usually on sandy soils near high-H ² O line	N
Shoshonea	<i>Shoshonea pulvinata</i>	Shallow, stony calcareous soils of exposed limestone outcrops, ridgetops, & talus slopes 5,900-9,200'	N
Barneby's Clover	<i>Trifolium barnebyi</i>	Ledges, crevices & seams on reddish-cream Nugget Sandstone outcrops 5,600-6,700'	N

APPENDIX F

THREATENED AND ENDANGERED SPECIES, SECTION 7 ENDANGERED SPECIES ACT CONSULTATION

T&E Section 7 Consultation

Project Name: Beaver Creek CBNG Project
 Reviewed by: Griff Morgan

Case/Project Number: WYW-109416X, Archaeological Survey Date: 10/13/2006

Listed Species	Present or habitat in project	Affect?	May affect, not likely to adversely affect	May affect, likely to adversely affect	Rationale
	Y/N/UNK	NO/MAY	Y/N	Y/N	
<i>Haliaeetus leucophalus</i> Bald eagle (T)	N	NO	N	N	BCPA not suitable for nesting, foraging or roosting due to lack of open water and existing disturbance from energy development.
<i>Lynx canadensis</i> Canada lynx (T)	N	NO	N	N	No suitable forested habitat present.
<i>Mustela nigripes</i> Black-footed ferret (E)	N	NO	N	N	Insufficient prey-base (white -tail prairie dogs). Area previously block-cleared by USFWS.
<i>Penstemon haydenii</i> Blowout Penstemon (E)	N	NO	N	N	No suitable habitat present.
<i>Spiranthes diluvialis</i> Ute ladies' tresses (T)	N	NO	N	N	No documented occurrence in Lander F.O. BCPA not in suitable riparian habitat.
<i>Ursus arctos</i> Grizzly bear (T)	N	NO	N	N	No suitable habitat present.
<i>Yermo xanthocephalus</i> Desert yellowhead (T)	N	NO	N	N	No suitable habitat present.
Critical Habitat <i>Yermo xanthocephalus</i>	N	NO	N	N	No suitable habitat present.
Platte River water depletion	N	NO	N	N	Not in the Platte River drainage.

APPENDIX G

TRANSPORTATION PLAN

Transportation Plan Beaver Creek Pilot Project

Introduction and Purpose

Under the Proposed Action, Devon Oil and Gas (Devon) proposes natural gas development in the Beaver Creek Pilot Project Area (BCPA) located within Fremont County, Wyoming. The purpose of this Transportation Plan is to assist the Bureau of Land Management (BLM) in transportation planning for future road development in the BCPA.

Scope

This Transportation Plan contains information regarding:

- Access to the BCPA
- Existing roads within the BCPA
- Existing traffic conditions on roads that provide access to and within the BCPA
- Proposed modifications to the current transportation system
- Estimated traffic increases as a result of the Proposed Action
- Road construction standards and maintenance agreements
- Disposition of access roads after well abandonment
- Environmental protection measures committed to by Devon

A summary of the information contained in this Transportation Plan is included in the Beaver Creek Pilot Project Environmental Assessment (EA) in Transportation sections 3.12 and 4.12.

Access

The BCPA is accessed from Riverton, Wyoming by taking Highway 135 south to Beaver Creek Road. From Beaver Creek Road, unnamed roads that are maintained by Devon would provide access to the proposed well pads.

Existing Road Network

The transportation system within the BCPA consists of approximately 8.5 miles of roads. Most of the roads provide access to existing natural gas facilities and are maintained by Devon.

Existing Traffic

Use of state highways is monitored by the Wyoming Department of Transportation. Traffic volume data is expressed as Average Annual Daily Traffic (AADT). There are no AADT monitors located on Highway 135 between Riverton and Sweetwater Station.

Use of county roads is monitored by Fremont County. There are no traffic data available for Beaver Creek Road or other roads that would provide service to the BCPA. It can be assumed that the majority of vehicle and human traffic within the BCPA is associated with ongoing oil and gas production.

Proposed Road Network Modifications

Under the Proposed Action approximately 4.8 miles of new roads would be constructed. All roads, including roads co-located with pipeline, would initially be 50 feet wide. The initial disturbance caused by road construction is estimated to be 24 acres.

When feasible, Devon would reclaim portions of the access roads that are not needed during the production phase. Eventually, all roads would be reduced to a 20 foot wide running surface. The successful reclamation of ROWs would reduce the long-term disturbance to approximately 10 acres.

Estimated Traffic Volumes

Vehicle traffic would be the highest during the construction phase of the project. Vehicles would be used to transport equipment and personnel to the BCPA for construction of well pads and access roads, and during the drilling and completion of wells. During the construction phase Devon plans to drill 20 natural gas wells. Peak traffic from oil and gas related activity is expected to occur in the morning and evening hours at the time of shift changes for construction crews. Tables G-1 and G-2 provide an estimate of the traffic that will be generated during drilling and completion operations if the Proposed Action is implemented.

Table G-1. Traffic Estimates during Drilling Operations (7-10 days)

			Other	
Surveyor	1	0	0	1
Well Location & Access	3	4	2	9
Engineering	4	0	0	4
Geology	5	0	0	5
Office	0	0	0	0
Supervision	10	2	0	12
Ratholer	1	2	0	3
Wellhead	1	0	0	1
Drilling rig	24	25	0	49
Mobilization	2	20	0	22
Dewatering	2	0	1	3
Rentals	5	5	0	10
Welder	1	0	0	1
Nipple up & testers	1	1	0	2
Bit sales	3	0	0	3
Mud Engineer	6	2	0	8
Mud Logger	2	0	0	2
Transportation	2	4	0	6
Water Truck	0	21	0	21
Open hole logging	1	1	0	2
Casing Crews	2	2	0	4
Cementing	2	5	0	7
Roustabouts	3	0	0	3
Fuel Delivery	0	10	0	10
Miscellaneous	18	0	0	18

TOTALS	99			206
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Table G-2. Traffic Estimates during Completion Operations (10-15 days)

Engineering	1	0	0	1
Geology	0	0	0	0
Office	0	0	0	0
Supervision	6	0	0	6
Wellhead	1	0	0	1
Completion rig	15	6	2	23
Perforating & logging	3	6	0	9
Acid Crews	1	0	0	1
Frac Crews	3	15	0	18
CO ₂	0	10	0	10
Flow Testers	0	0	0	0
Snubbing	0	2	0	2
Packers & plugs	2	0	0	2
Foam Unit	0	0	0	0
Transportation	1	2	0	3
Water Truck	0	12	0	12
Rentals	2	4	0	6
Roustabouts	3	2	0	5
Hot Oiler	0	2	0	2
Fuel Delivery	0	0	0	0
Miscellaneous	6	0	0	6
Well Pipeline	9	11	0	20
Reclamation	1	6	0	7

Once production begins, and for the remainder of the project's life, there will only be traffic associated with routine operations (e.g. workover rig, haul trucks, and pick-ups).

Construction Standards and Maintenance Agreements

Roads constructed during the project on federal lands would comply with standards set forth in the BLM's *Surface Operating Standards for Oil and Gas Exploration and Development (Fourth edition: 2005)*, also known as the "Gold Book", as well as BLM Manual 9113 – Roads.

Constructed or upgraded roads would be maintained as resource, local, or collector roads. The BLM will determine the maintenance standard for each road used by Devon; and the period for which they will be maintained at the appropriate standard. A brief definition of each type of road follows.

Resource Road Resource roads are two-track roads that carry a low volume of traffic at a low speed (approximately 15 mph). The primary purpose of these roads is to service individual well locations. Resource roads are generally reclaimed upon field abandonment.

Local Road Local roads are designed as single or two-lane roads. The purpose of local roads is to provide access to a number of well locations. These roads generally

connect with roads that already exist in the public road system. These roads may or may not be reclaimed after field abandonment. The speed limit on local roads would also be approximately 15 mph.

Collector Road Collector roads become an extension of the existing public road system; therefore, these roads accommodate and serve many uses. Collector roads are maintained to the highest standard for safety and comfort. Beaver Creek Road, which is a Fremont County road, would be maintained to this standard. The approximate speed limit on collector roads is 25 mph.

All roads required for the proposed development would be maintained as necessary to provide all weather access. Maintenance on collector and local roads is anticipated to occur at least twice per year. Resource road maintenance is required at least annually. Within the County transportation network, Devon would be responsible for the maintenance of the portions of Beaver Creek Road that would be used to access the BCPA. All ROWs granted by the BLM within the BCPA would also be maintained by Devon. When roads become impassable or when ruts from tires exceed four inches the BLM and or the County may deny access until the roads are repaired and the potential for resource damage is alleviated.

Disposition of Access Roads after Well Abandonment

At the end of the productive life of each well, the access road will be reclaimed in accordance with the requirements of the BLM. Reclamation of the road would generally involve re-contouring the surface to the approximate natural contours, re-establishing soil conditions, and reseeding with seed mixtures approved by the appropriate surface management agency. Reclamation procedures would continue until the responsible surface management agency determines that the reclamation has been successful.

Recommended Mitigation Measures for Roads

- Require all employees to strictly adhere to all traffic laws and regulations, including speed limits.
- To the extent possible, limit use of roads by truck and heavy equipment during periods when roads are muddy or when tire ruts exceed four inches.
- As part of normal operational winter maintenance, roads would be plowed the minimum amount necessary to allow for safe travel. Plows would provide breaks in the snow piled berms to allow free movement of wildlife across all roads.
- Comply with designated speed limits to minimize the risk of traffic accidents, dust generation, and noise.
- Devon and BLM would make an on-site inspection of each proposed well pad, access road, and pipeline alignment within the BCPA, so that site-specific recommendations and mitigation measures can be developed.
- When necessary, install runoff and erosion control measures, such as water bars, berms, and interceptor ditches.
- When necessary, install culverts for intermittent drainage crossings. Design all drainage-crossing structures to carry a 25-year discharge event, or as otherwise directed by the appropriate surface management agency.

- Implement a re-vegetation program, as specified by the BLM Authorized Officer to stabilize the soil and prevent erosion.
- Upon completion of construction activities, restore topography to pre-existing contours along access roads and collocated roads and pipeline ROWs.
- All project related personnel would use existing roads to travel to the BCPA.
- Construct cattle guards and fences, where necessary, to minimize the potential of oil and gas vehicle collisions with livestock.
- Crews would be trained to minimize disturbances to wildlife when traveling to and from the BCPA.
- Carcasses of road-killed animals and birds would be removed from access roads, shoulders, and ROWs, as soon as possible, to minimize vehicle collisions with scavenger wildlife.
- Project related crews would be encouraged to carpool to the BCPA to avoid causing unnecessary traffic.
- To the extent possible, equipment and bulk supplies would be delivered and stored on the well pads to reduce multiple deliveries of storable equipment.

Sources

BLM. 2005b. *Surface Operating Standards and Guidelines for Oil and Gas Exploration and Development*. Fourth Edition