

**PROPOSED BMP's
XTO ENERGY, INC.**

**Certificate to Discharge Under CDPS General Permit No. COR-03000 Stormwater Discharges
Associated with Construction. Certification No. COR-39398**

- A Field Wide Stormwater Management Plan (SWMP) for the Piceance Creek Program is on file at the XTO Energy Inc. (21459 CR5, Rifle, CO, 81650) office. A Site Specific SWMP including a Site Plan is in place for this location.
- Spill Prevention, Control and Countermeasures (SPCC) for the Piceance Creek Program is on file at the XTO Energy Inc. (21459 CR5, Rifle, CO, 81650) office. The Field Wide and Site Specific SWMPs each address SPCC during construction operations.
- Inspections of the project site and maintenance of installed BMP's shall be conducted in accordance with the CDPHE CDPS permit and field wide plan.
- The attached Table 1 lists BMP's which may be utilized during the construction phase and in development of the Site Specific SWMP. BMP selection is based on site specific conditions including topography, existing vegetation, timing, construction sequencing, etc.

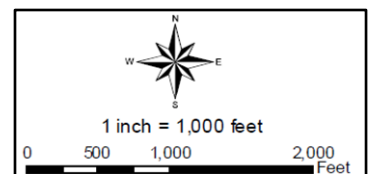
Table 1

Stormwater Management BMPs		
Erosion Control BMPs (EC)	Sediment Control BMPs (SC)	Materials Handling and Spill Prevention BMPs (MH)
Seeding	Erosion Bale	Stockpile Management
Mulching	Erosion Logs	Material Management
Mulch Tackifier	Silt Fence	Material Use
Soil Binder	Storm Drain Inlet Protection	Spill Prevention and Control
Erosion Control Blankets	Sediment Trap	
Turf Reinforcement Mats	Sediment Basin	
Embankment Protector	Dewatering Structure	
Berm/Diversion	Stabilized Construction Entrance	
Check Dams	Brush Barrier	
Outlet Protection	Gravel Barrier	
Temporary Drainage Swale	Silt Barrier	
Grading Techniques		
Waste Management BMPs (WM)	General Pollution Prevention BMPs (GP)	Alternate (ALT) BMP's
Concrete Waste Management	Dewatering Operations	ALT 1 Run On Diverson
Solid Waste Management	Temporary Stream Crossing	ALT 2 Gabion Basket Outlet Protection
Sanitary and Septic Waste Management	Clear Water Diversion	ALT 3 Gabion Basket Retaining Wall
Liquid Waste Management	Non-Stormwater Discharge Management	ALT 4 Surface Crowning and Road Base/Gravel
Hazardous Waste Management	Wind Erosion Control	ALT 5 Armour
Contaminated Waste Management	Vehicle and Equipment Management	ALT 6 Sediment Control Device
		ALT 7 Water Turnout
		ALT 8 Bell Hole
		ALT 9 Permanent Slope Breakers (Water Bars)



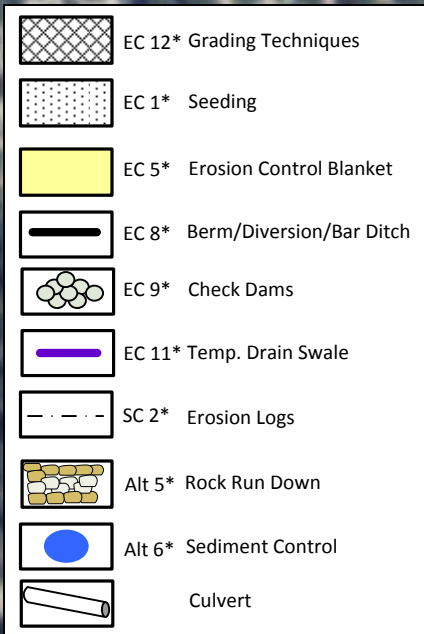
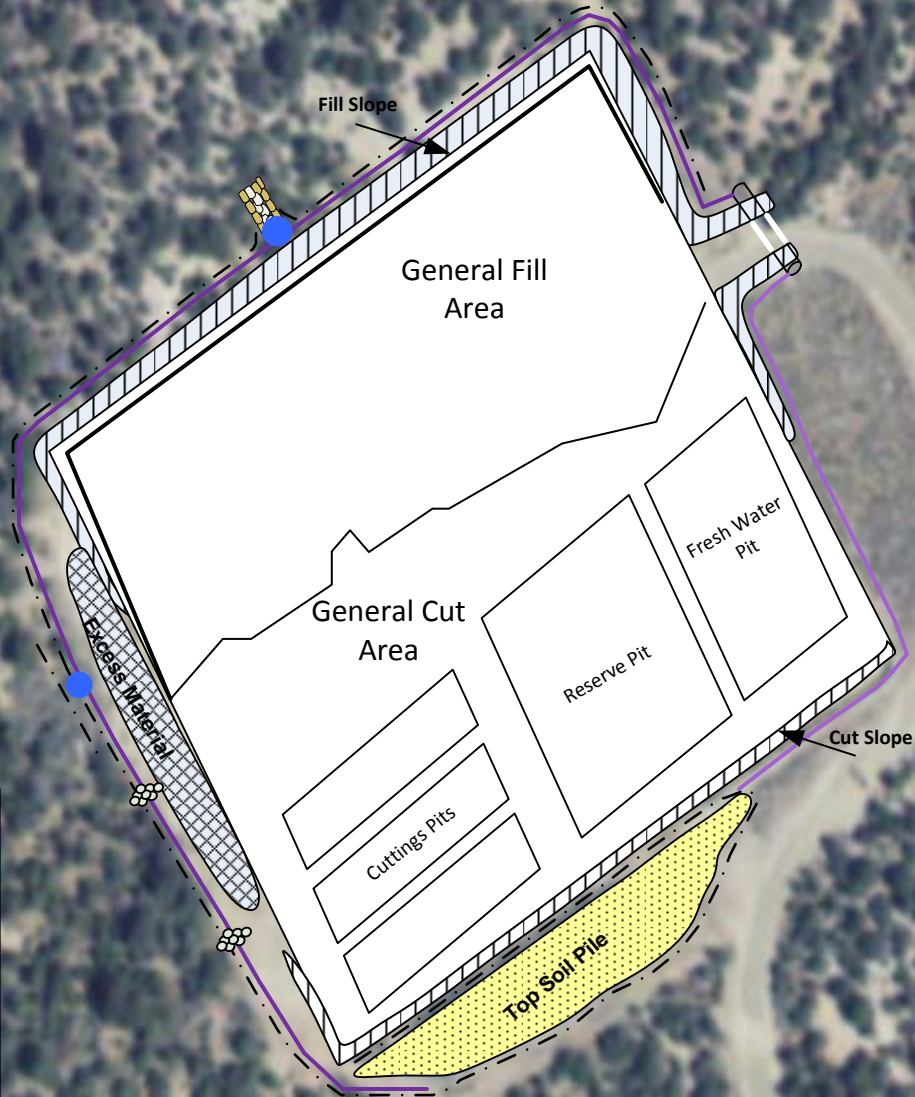
Rio Blanco County, Colorado
 XTO Energy
 Northern Piceance 197-23A
 Approximate construction and soil
 disturbance limits index map
 Section 23, Township 1S, Range 97W

Figure 2.3



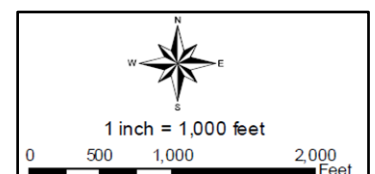
Note:

1. Locations of well pad, pipeline and access road are based on survey information from Tri-State Survey Inc. (9/12/07, Revised 6/16/2009)
2. Cut material is re-used as fill material or wasted on site.
3. BMP symbols used on this drawing are conceptual and are intended to indicate a specific type of BMP. They do not represent the actual size and/or shape of the BMP. Refer to Appendix F of the SWMP for guidance on BMP spacing.
4. Well pad will be constructed to be relatively flat with side slopes. Side slopes are indicated on the map.
5. There are no known wetlands or springs in close proximity to this site. There is an existing drainage located on the north side of the well pad.

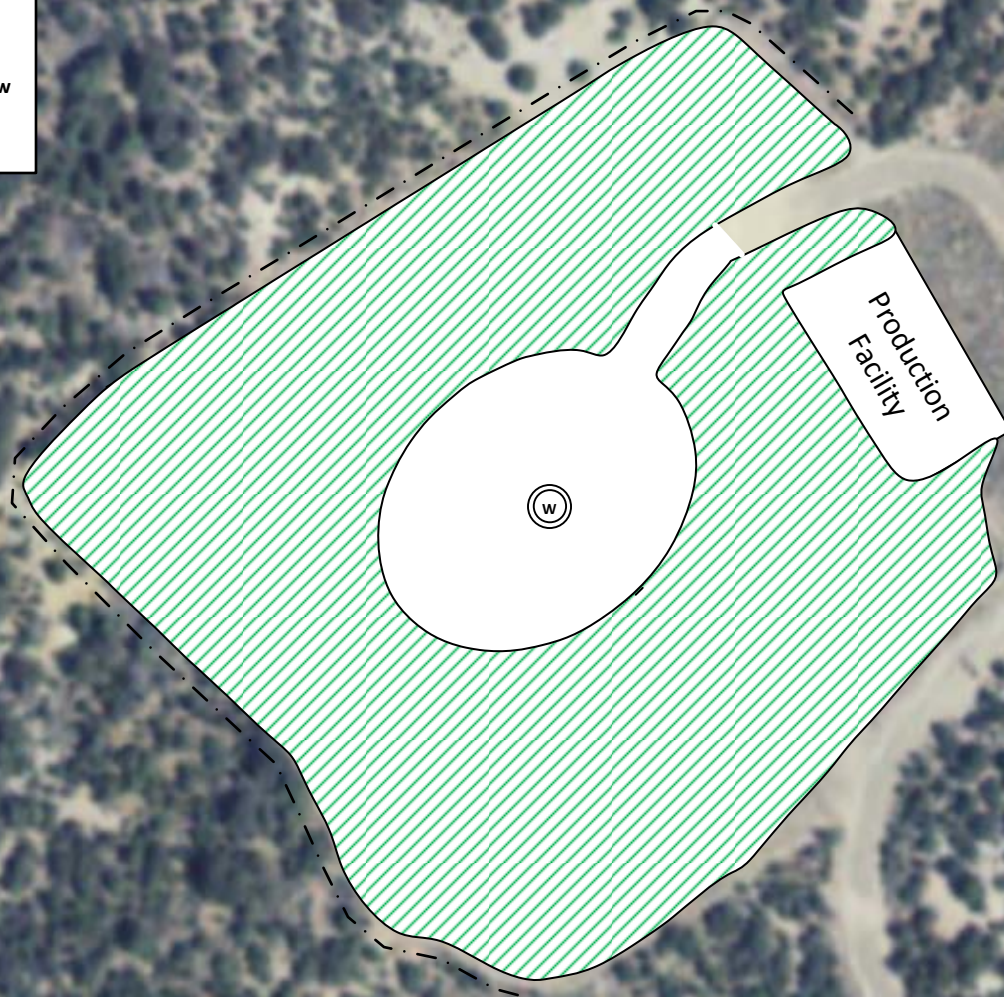



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Figure 3



- Note:**
1. Locations of well pad, pipeline and access road are based on survey information from Tri-State Survey Inc. (9/12/07, Revised 6/16/2009)
 2. Reclaimed area to be regraded to achieve approximate original contours.
 3. Perimeter BMPs (e.g. wattles) will remain in place as needed until final stabilization is achieved.
 4. Top soil will be spread over regraded areas.
 5. Areas returned to pre-existing conditions will be drill seeded, straw mulched and crimped.



- . . . Wattles
-  Area returned to pre-existing conditions as much as practical, top soil spread, drill seeded, straw mulched and crimped



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Figure 4

