

# NEPA COMPLIANCE SURVEY

#296

Project Information			
<b>Project Title:</b>	weirbox installation	<b>Date:</b>	3-24-10
<b>DOE Code:</b>		<b>Contractor Code:</b>	
<b>Project Lead:</b>	Wes Riesland		
<b>Project Overview</b> 1. What are the environmental impacts? 2. What is the legal location? 3. What is the duration of the project? 4. What major equipment will be used if any (work over rig, drilling rig, etc.)?		1. The purpose of this project is to prepare a pad for a 90 ton crane to get into position and rig up so we can set our new weir box into position. We will widen the existing road around 20 feet at the north end and taper our fill to about 5 feet at the south end for a total of about 200 feet, and build a near level pad for them to rig up the crane on. We will use the dirt from the hill immediately north of the work to be done.  2. This will be at the west side of tensleep pits Number's 3 and 4.  3. This work should take aproximatly two days to complete.  4. The dirt work will require the use of the D-7 dozer and a blade, and operator.	

The table below is to be completed by the Project Lead and reviewed by the Environmental Specialist and the DOE NEPA Compliance Officer. **NOTE: If Change of Scope occurs, Project Lead must submit a new NEPA Compliance Survey and contact the Technical Assurance Department.**

	Impacts Anticipated?			If YES, then complete below
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Water Quality</b>				
<b>Does the proposed project present potential for impacts on water resources or water quality?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The road will be laid down in compacted 6" lifts. Compacting each layer, as the road rises from the lower terrace up to the top of the existing road, will mitigate the potential for erosion into the streambed. The slope will be gradual, staying ot of any wetlands and be seeded upon completion to stabilize the widening.
<b>Does the project affect surface water quantity or quality under both normal operations and accident conditions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Does the proposed project effect groundwater quantity or quality under both normal operations and accident conditions?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Will the project area include "Waters of the State?"</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Will the project area require a Corps of Engineers permit?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## NEPA COMPLIANCE SURVEY

	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Geology &amp; Soils</b>				
Does the proposed project present potential for impacts related to geology or soils?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the proposed project alter, excavate or otherwise disturb land area consistent with other land use and habitat area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the proposed project likely to impact local seismicity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
If the project involved disturbance of surface soils, are erosion and storm water control measures addressed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Stormwater runoff/runoff BMPs (i.e., water bars, compaction, reseeding) will be utilized to prevent any potential erosional damages to weir installation and borrow sites.
<b>Air Quality</b>				
Does the proposed action present potential for impacts on ambient air quality under both normal and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are potential emissions (gases and/or airborne particulates including dust) outside of the normal scope for oil field operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project present risk to human health and the environment from exposure to radiation and hazardous chemicals in emissions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the project subject to New Source Performance Standards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the project subject to National Emissions Standards for Hazardous Air Pollutants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is the project subject to emissions limitations in an Air Quality Control Region?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

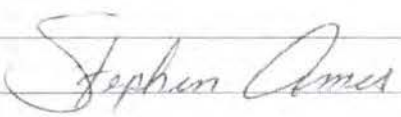

## NEPA COMPLIANCE SURVEY

	Impacts Anticipated?			If YES, then complete below.  If the anticipated impact might be unacceptable, recommend mitigation measures:
	Yes	No	NA	
<b>Wildlife and Habitat</b>				
Does the proposed action present potential for impacts on wildlife or habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project impact state or federally listed threatened and endangered species?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Human Health Effects</b>				
Does the proposed project present potential for effects on human health? e.g.: Hanta virus, radiological exposure, or chemical exposure (must provide MSDS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Transportation</b>				
Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<b>Waste Management and Waste Minimization</b>				
Are pollution prevention and waste minimization practices needed in the proposed project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does project plan establish procedures in compliance with local, state and/or federal laws and guidelines affecting the generation, transportation, treatment, storage or disposal of hazardous and other wastes?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

## NEPA COMPLIANCE SURVEY

	Impacts Anticipated?			If YES, then complete below.	
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:	
<b>Cultural Impact</b>					
<b>Is there potential for impact on cultural (historic) resources?</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Observation of the site included the proposed road widening area and the borrow site. The area to be widened is adjacent to a steep slope overlooking a prominent tributary to Little Teapot Creek. The borrow site is located on previously disturbed ground located Northwest of the proposed project. A January, 2010 cultural resources report (Cultural Resource Open Trench Inspection of the U.S. Department of Energy, Rocky Mountain Oilfield Testing Center, Cooling Line TSP, Natrona County, Wyoming) was performed on the area directly south of the proposed project, by Greer Services. states that "SHPO Records Division (SHPO #25207, 12/10/2009) indicate that all of Section 10 was previously surveyed to a Class III level in 2005 by Pronghorn. No sites are on record as having been recorded during that project within this section, although there is a good potential for buried cultural deposits". Observations will be made of the borrow site during excavation and the slope at the buildup area and work will cease in the event that any indications of buried cultural resources are identified.	
<b>Community Impact</b>					
<b>Will the proposed project introduce significantly adverse auditory, visual, or other impact?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Will the proposed project adversely affect the community's use of public land/resources?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>Will the proposed project adversely affect the community's access to private land?</b>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<b>NOTE: Topography Map and Wetlands Map are required to be attached. Attach applicable SOPs for Risk Assessment Level 2 &amp; 3 and specific test procedures.</b>					
<b>Are permits required? If YES, list below:</b>				Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
<b>Section below to be reviewed by Environmental Specialist and DOE NCO.</b>					
<b>Adequate Mitigation Measures Provided?</b>			<b>Adequate Mitigation Measures Provided?</b>		
	Yes	No		Yes	No
Water Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Transportation Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Waste Management Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wildlife and Habitat Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cultural Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Geology and Soils Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Community Impact	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Human Health Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Categorical Exclusion</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Approvals</b>					

## NEPA COMPLIANCE SURVEY

Comments and Conditions:	B1.6 Installation/modification of retention tanks, small basins to control runoff, spills B1.13 Construction/acquisition/relocation of onsite pathways, short onsite access roads/railroads B2.5 Safety and environmental improvements of a facility, replacement/upgrade of facility components B3.1 Site characterization/environmental monitoring B5.4 Repair/replacement of sections of pipeline within maintenance provisions B6.3 Improvements to environmental control systems	
Contractor ESS&H		Date 3-30-10
Comments and Conditions:	Based on my review of information conveyed to me and in my possession (or attached) concerning the proposed action, as NEPA Compliance Officer (as authorized under DOE Order 451.1A), I have determined that the proposed action fits within the specified class of actions, the other regulatory requirements set forth above are met, and the proposed action is hereby categorically excluded from further NEPA review.	
DOE NEPA Compliance Officer		Date 4/2/10

# Restoration - WEIR Installation



PROPOSED  
BORROW  
SITE

ROAD  
AREA  
TO BE  
WIDENED

<b>Restoration - WEIR Installation</b>			
	5140 J Black 310 2534-5110 5110 5110 5110	5150 J Black 310 2534-5110 5110 5110 5110	5160 J Black 310 2534-5110 5110 5110 5110
5170 J Black 310 2534-5110 5110 5110 5110	5180 J Black 310 2534-5110 5110 5110 5110	5190 J Black 310 2534-5110 5110 5110 5110	5200 J Black 310 2534-5110 5110 5110 5110



10/1/10  
 107 N. Park St. Suite 100  
 Copper Hill, TN 37021  
 615-233-4000

This document is for planning purposes only. It is not a final design. The user is responsible for the accuracy and reliability of any information. Any use of this document is at the user's own risk. The user is responsible for the accuracy and reliability of any information. Any use of this document is at the user's own risk.

# Restoration - WEIR Installation



ROAD  
AREA  
TO BE  
WIDENED

Tensleep  
Ponds

Tensleep  
Spillway

**Legend**

**Streams**

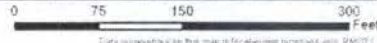
- Continuous
- - - Intermittent

**Wetlands**

- Palustrine, Aquatic Bed (PAB)
- Palustrine, Emergent (PEM)

Restoration - WEIR Installation			
Author: J. Bart	ES&M Manager: S. Jones		
Project Number: 170321000001	Date: 03/25/2010	Rev: 001	Rev: 001
30' State Plane (East Central Zone) NAD83		Scale: 1:1,500	

99070  
 10' 14" Project Scale 1:500  
 7/20/09 10:25:01  
 30' 21" 1:500



Data represented on this map is for planning purposes only. RMD's  
 makes no warranty as to its accuracy, reliability, or completeness.  
 Use of this data is strictly at the user's risk. This is a  
 preliminary map.



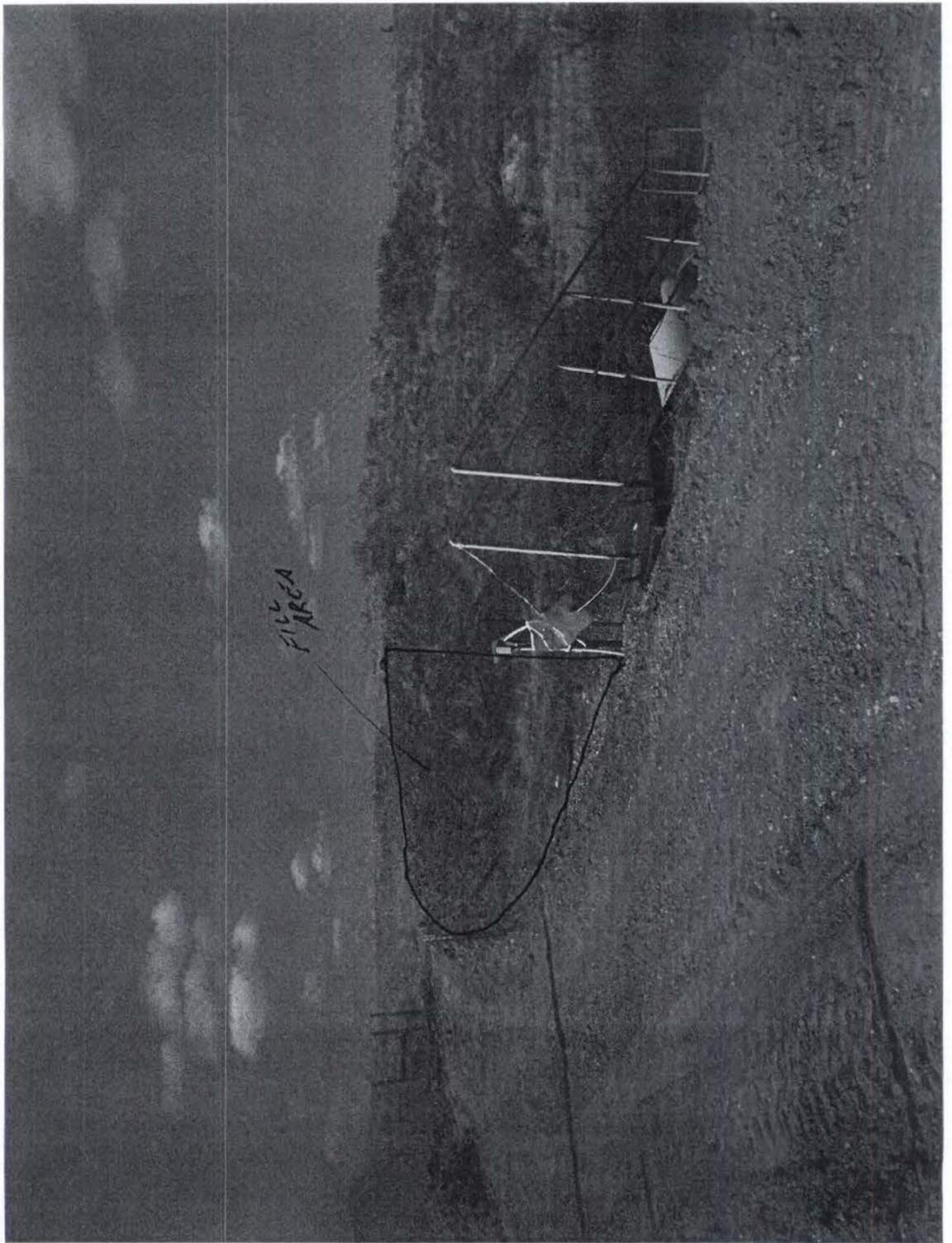
Fill Area





FALL AREA





FIELD AREA