

# NEPA COMPLIANCE SURVEY

#273

Project Information			
<b>Project Title:</b>	Log Deep Well	<b>Date:</b>	1/12/2010
<b>DOE Code:</b>	6730.020.81019	<b>Contractor Code:</b>	8067-756
<b>Project Lead:</b>	Brian Black		
<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.)?		This project will test prototype logging tools in a previously drilled deep well. There should not be any negligible impacts to the environment. The tools will be lowered up and down a wellbore via wireline cable and truck.  This test will take place on the drilling rig at 45-3-X-21  The project will last for 3-4 days.  The drilling rig will be used as an overhead crane to lift the sheave pulley that the cable will run across.	

**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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<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"/>	

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	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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
<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"/>	

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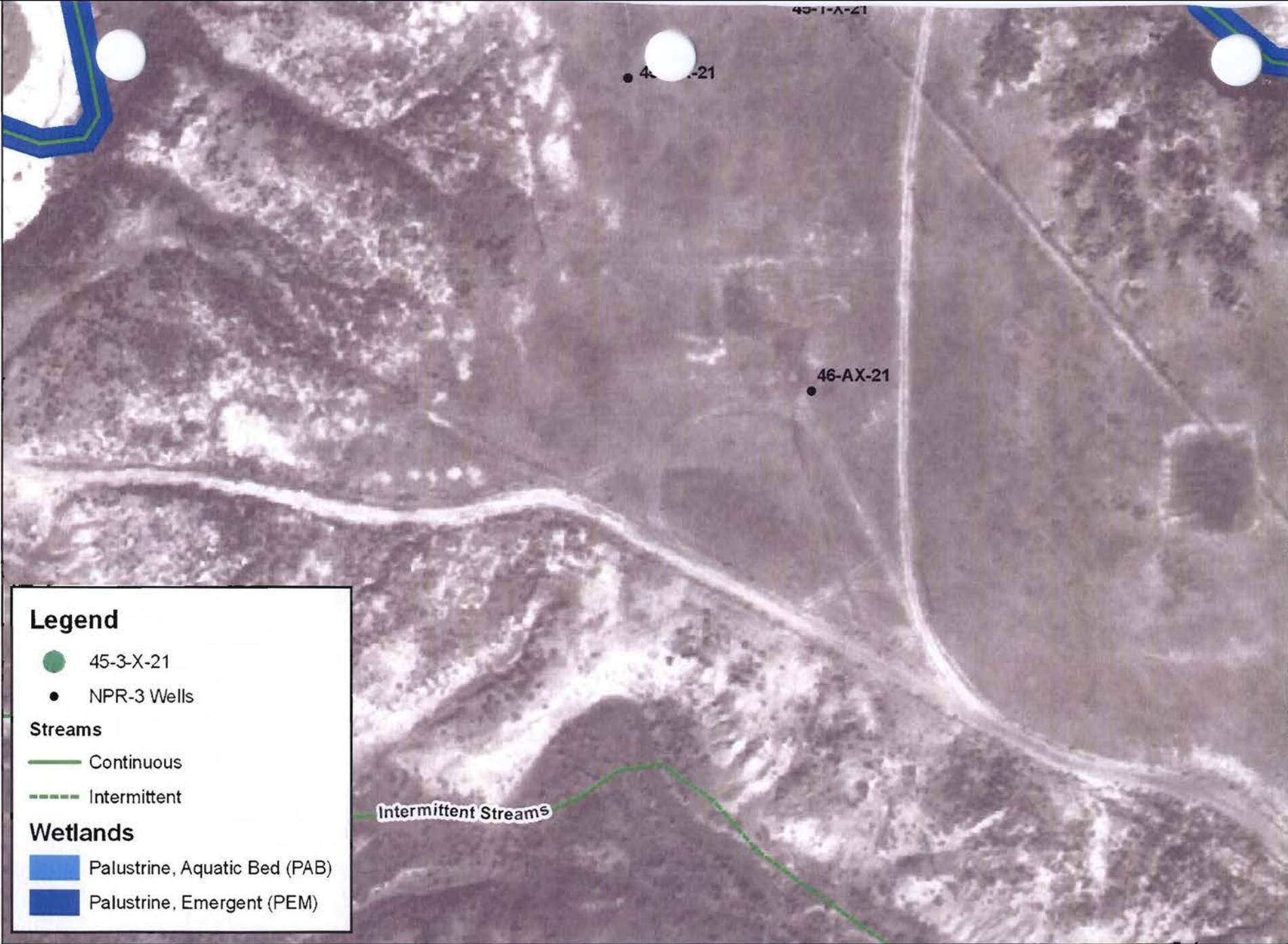
	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
<b>Wildlife and Habitat</b>				
Does the proposed action present potential for impacts on wildlife or habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The partner may use radioactive source tools. If so, standard operating procedures will be followed to ensure that no one is exposed to radiation.
<b>Transportation</b>				
Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radioactive sources may be used. The partner will follow all DOT and NRC regulations concerning the transport and handling of the sources.
<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"/>	

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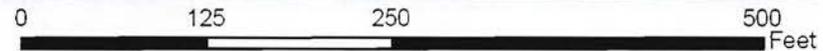
			Impacts Anticipated?			If YES, then complete below.		
Cultural Impact			Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:		
Is there potential for impact on cultural (historic) resources?			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	This area has been reviewed by an archeologist with no impact		
Community Impact			Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:		
Will the proposed project introduce significantly adverse auditory, visual, or other impact?			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Will the proposed project adversely affect the community's use of public land/resources?			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Will the proposed project adversely affect the community's access to private land?			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
NOTE: Topography Map and Wetlands Map are required to be attached. Attach applicable SOPs for Risk Assessment Level 2 & 3 and specific test procedures.								
Are permits required? If YES, list below:						Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
NRC/Wyoming permit,								
<b>Section below to be reviewed by Environmental Specialist and DOE NCO.</b>								
Adequate Mitigation Measures Provided?			Adequate Mitigation Measures Provided?			Adequate Mitigation Measures Provided?		
	Yes	No		Yes	No		Yes	No
Water Quality Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Transportation Impacts	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<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"/>		<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"/>		<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"/>		<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"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Approvals</b>								
Comments and Conditions:	<p>B3.7 Siting, construction, and operation of new infill exploratory and experimental (test) oil, gas, and geothermal wells, which are to be drilled in a geological formation that has existing operating wells.</p> <p>B3.1 Onsite and offsite site characterization and environmental monitoring, including siting, construction (or modification), operation, and dismantlement or closing (abandonment) of characterization and monitoring devices. Activities covered include, but are not limited to, site characterization and environmental monitoring under CERCLA and RCRA. Specific activities include, but are not limited to: (a) Geological, geophysical (such as gravity, magnetic, electrical, seismic, and radar), geochemical, and engineering surveys and mapping, including the establishment of survey marks; (b) Installation and operation of field instruments, such as stream-gauging stations or flow-measuring devices, telemetry systems, geochemical monitoring tools, and geophysical exploration tools</p> <p>B2.6 Packaging, transportation, and storage of radioactive materials from the public domain, in accordance with the Atomic Energy Act upon a request by the Nuclear Regulatory Commission or other cognizant agency, which would include a State that regulates radioactive materials under an agreement with the Nuclear Regulatory Commission or other agencies that may, under unusual circumstances, have responsibilities regarding the materials that are included in the categorical exclusion. Covered materials are those for which possession and use by Nuclear Regulatory Commission licensees has been categorically excluded under 10 CFR 51.22(14) or its successors. Examples of these radioactive materials (which may contain source, byproduct or special nuclear materials) are density gauges, therapeutic medical devices, generators, reagent kits, irradiators, analytical instruments, well monitoring equipment, uranium shielding material, depleted uranium military munitions, and packaged radioactive waste not exceeding 50 curies.</p>							
Contractor ESS&H	S. Shire						Date 1-18-10	
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	<i>CX5 B2.6 &amp; B3.1</i> <i>Michael J Taylor</i>						Date 1/19/10	

# Cased Well for Testing / 45-3-X-21





<b>Cased Well for Testing/45-3-X-21</b>			
Author: J Buelt		Project Manager: M Duletsky	
GIS-Prj-6730-020-51133-011110	Date: 01/11/2010	Rev Date: mm/dd/yyyy	
WY State Plane / East Central Zone / NAD27		Scale = 1:1,500	



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