

NEPA COMPLIANCE SURVEY

295

Project Information			
Project Title:	Well Coring-Schlumberger Carbon Services	Date:	3/18/10
DOE Code:	6730.020.81016	Contractor Code:	8067-708
Project Lead:	Vicki Stamp		
Project Overview 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.)?		Description: We will use a combination of commercial wellbore logging and coring tools to analyze two existing RMOTC wells. Overview: 1. Environmental impacts are minimal. This is routine downhole well work. 2. Wells 43-TPX-10 and 46-TPX-10 have been selected. 3. Anticipate approximately 1 month for well preparation and project execution. 4. Workover rig, boom truck, pressure truck, dozer/grader and backhoe. Pressure truck will be used to load the 46-tpx-10 wellbore with water. Dozer/grader/backhoe will be used provide needed well pad improvements for safe use of the workover rig at 43-tpx-10.	

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:
Water Quality				
Does the proposed project present potential for impacts on water resources or water quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the project affect surface water quantity or quality under both normal operations and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the proposed project effect groundwater quantity or quality under both normal operations and accident conditions?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the project area include "Waters of the State?"	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Will the project area require a Corps of Engineers permit?	<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:
Geology & Soils				
Does the proposed project present potential for impacts related to geology or soils?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Best Management Practices will be followed to prevent erosion
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"/>	
Air Quality				
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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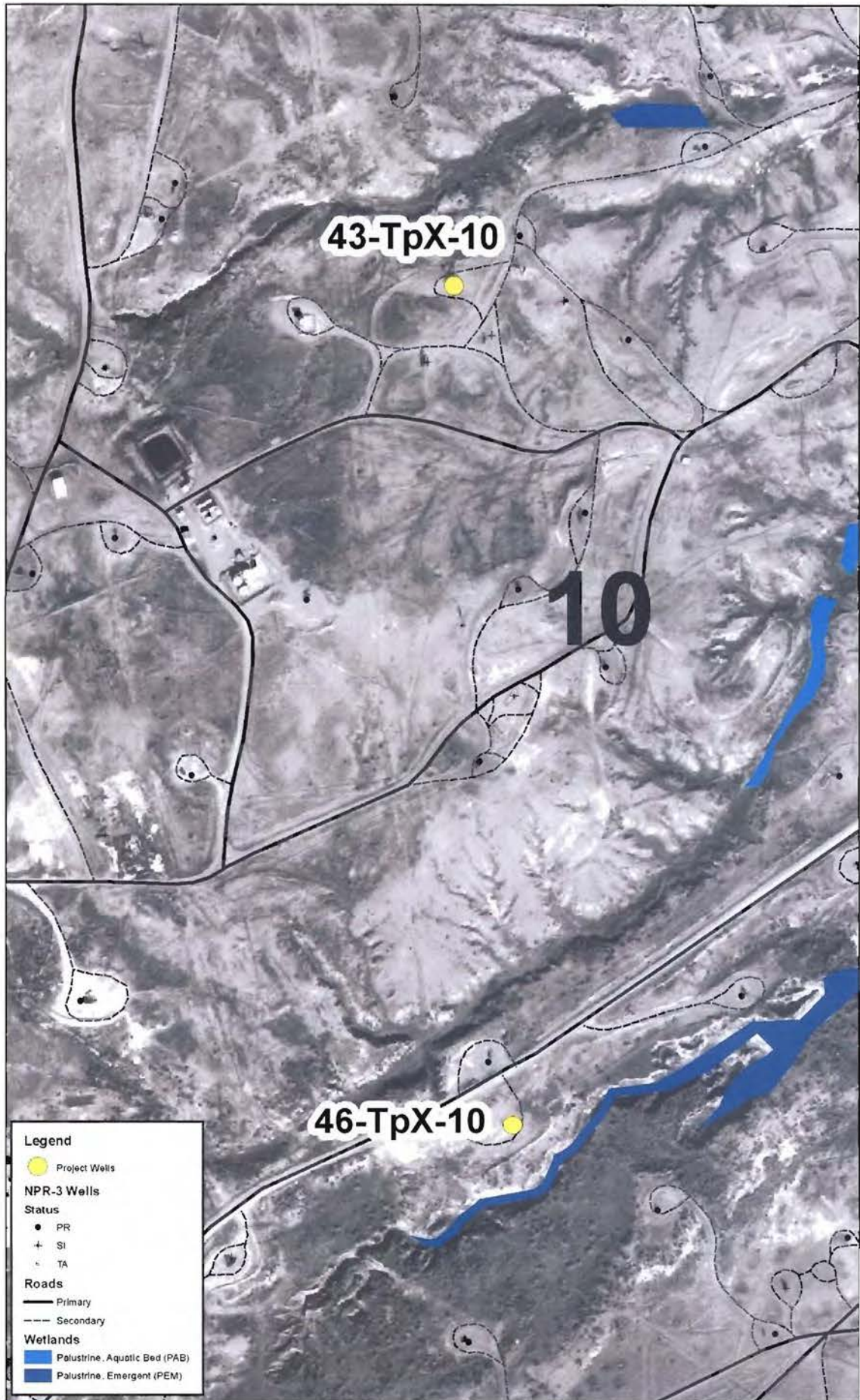
	Impacts Anticipated?			If YES, then complete below.
	Yes	No	NA	If the anticipated impact might be unacceptable, recommend mitigation measures:
Wildlife and Habitat				
Does the proposed action present potential for impacts on wildlife or habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<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"/>	
Human Health Effects				
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"/>	MSDS will be provided on all chemicals used on the tests and for any radiological sources. At this time, no chemicals or radiological sources are anticipated.
Transportation				
Does the proposed project involve transportation of radiological sources or hazardous materials (including explosives)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Radiological sources (if used) will be maintained by the client, secured on site at the testing location, and removed from NPR-3 at test conclusion. Perforating (explosives) will adhere to SOP.
Waste Management and Waste Minimization				
Are pollution prevention and waste minimization practices needed in the proposed project?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Best Management Practices will be followed to prevent pollution or soil and silt erosion at each location
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"/>	A JSA will be performed prior to work each day. SOPs will be reviewed for compliance to DOE, State and local regulations.

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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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	These areas have been reviewed by an archeologist and had no impact to the location. The areas to be utilized have been previously disturbed and developed.		
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"/>	
WOGCC Sundry Notice for any perforations and/or alterations to casing.								
Section below to be reviewed by Environmental Specialist and DOE NCO.								
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"/>	Categorical Exclusion	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Approvals								
Comments and Conditions:	<p>B3.7 Siting, construction and operation of a new infill exploratory and experimental (test) oil, gas, and geothermal well, which are to be drilled in geological formations that have 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 and siting, construction, and associated operation of a small-scale laboratory building or renovation of a room in an existing building for sample analysis. 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:</p> <p>(a) Geological, geophysical (such as gravity, magnetic, electrical, seismic, and radar), geochemical, and engineering surveys and mapping, including the establishment of survey marks;</p> <p>(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>(c) Drilling of wells for sampling or monitoring of groundwater or the vadose (unsaturated) zone, well logging, and installation of water-level recording devices in wells;</p>							
Contractor ESS&H							Date: 3-18-16	
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	<p><i>CX5 B3.1 + B3.7</i></p> <p><i>WELL 46-TR-X-10 IS ADJACENT TO WETLANDS. DIRTWORK IS NOT TO EXCEED 125' FROM WELL BORE NOR IMPACT DRAINAGES.</i></p>						Date	

Michael J Taylor 3/19/10

Schlumberger Well Coring

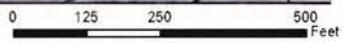


Legend

- Project Wells
- NPR-3 Wells Status**
- PR
- + SI
- TA
- Roads**
- Primary
- - - Secondary
- Wetlands**
- Palustrine, Aquatic Bed (PAB)
- Palustrine, Emergent (PEM)

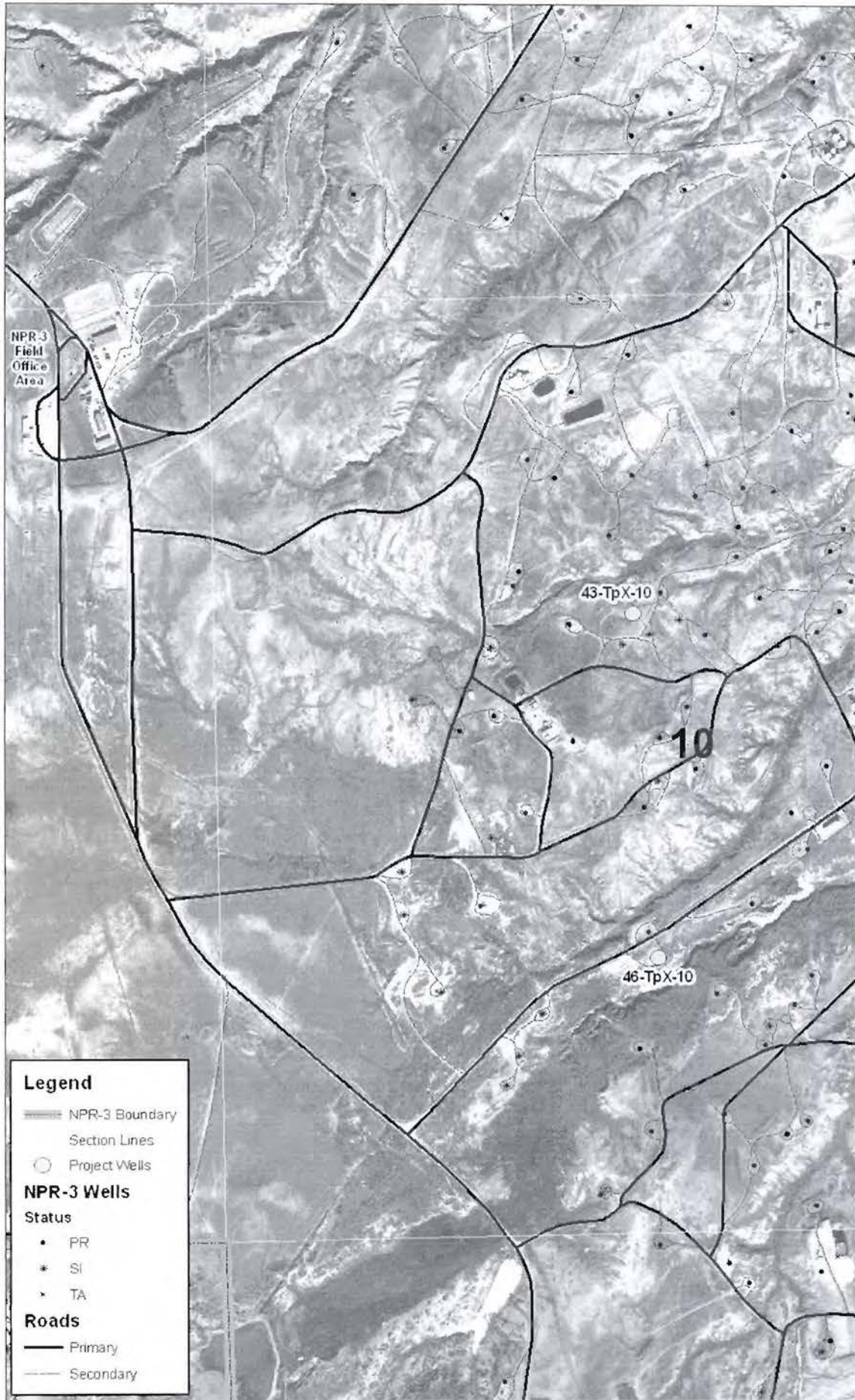
Schlumberger Well Coring			
Author: J Buell	Project Manager: V Stamp		
GIS-Prj-6730-020.81016-2	Date: 03/23/2010	Rev Date	
WV State Plane 7 East Central Zone 7 NAD83	Scale = 1:3,000		

RMOTC
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 Casper, WY 82601
 307-233-4900



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Schlumberger Well Coring



Legend

- NPR-3 Boundary
- Section Lines
- Project Wells

NPR-3 Wells

Status

- PR
- SI
- TA

Roads

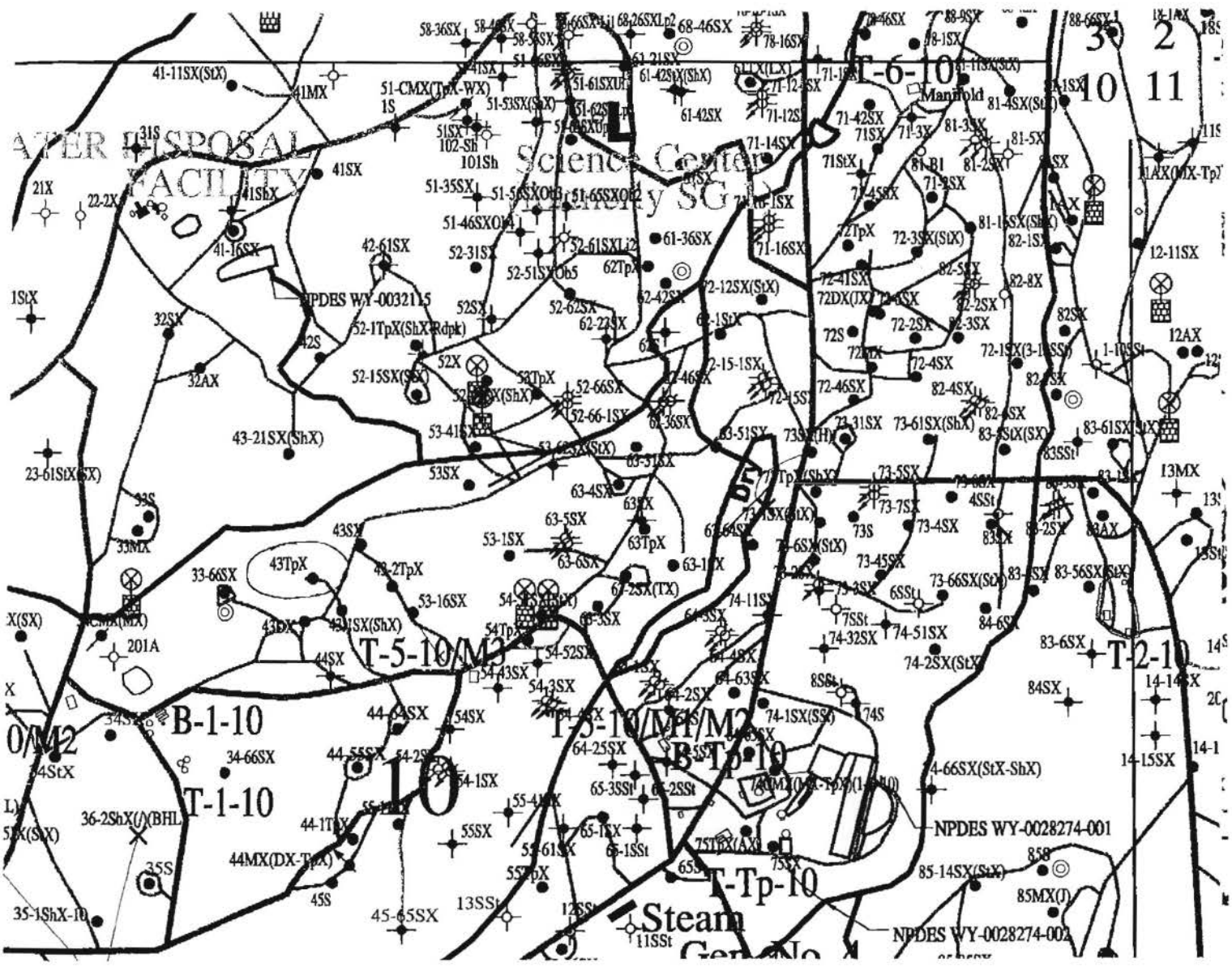
- Primary
- Secondary

Schlumberger Well Coring			
Author: J Buelt	Project Manager: V Stamp		
GIS-Project: 02081010-1	Date: 03/18/2010	Rev Date:	
NAD27		Scale = 1:37,000	

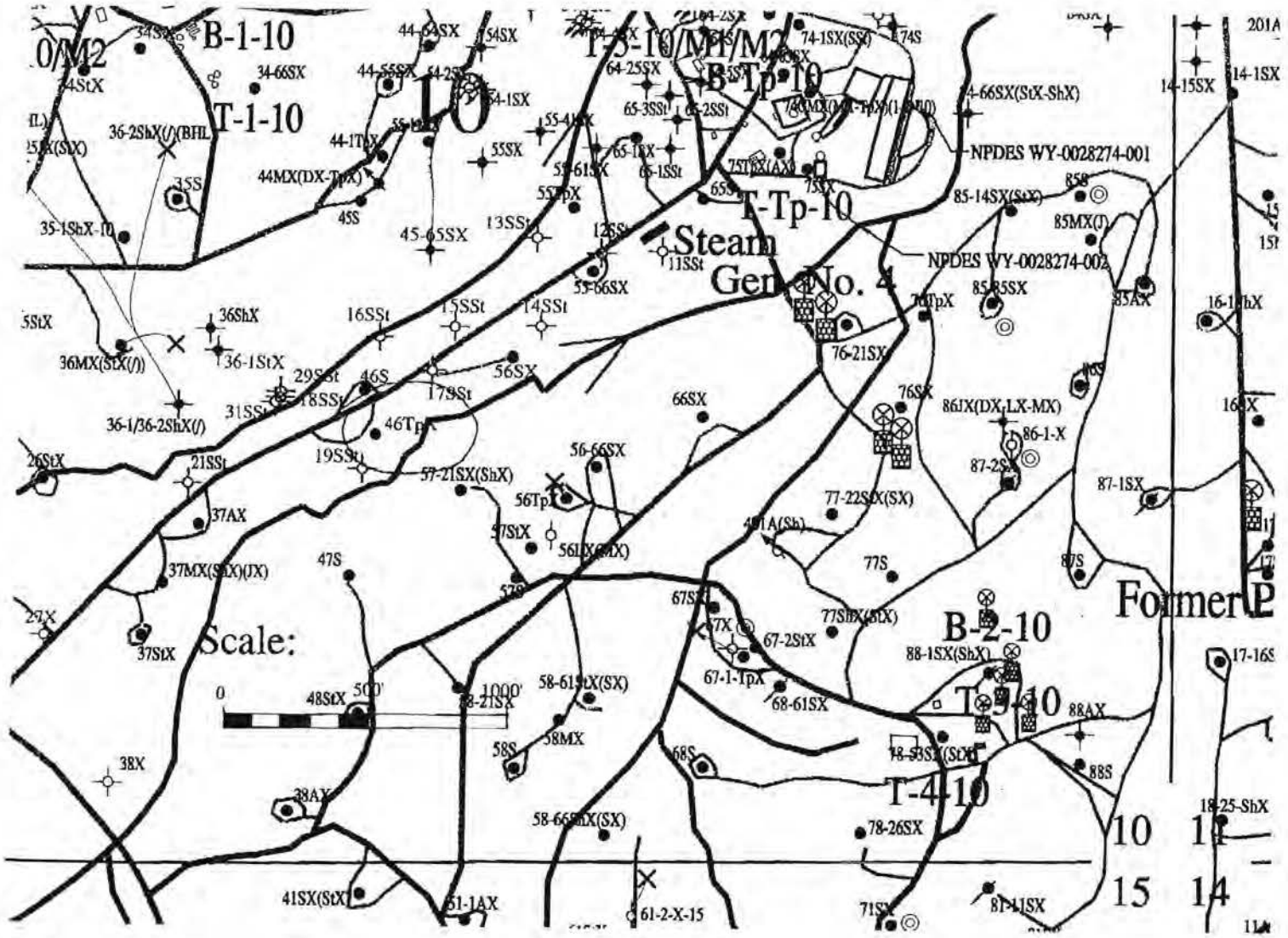
0 500 1,000 2,000 Feet

PDS-100
 900 N Poplar, Suite 100
 Columbia, MO 65201
 314-223-4400

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 shall not be used for any other purpose, including, but not limited to,
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 acknowledgment of the user's responsibility.



43-TpX-10



46-TPX-10