

US EPA ARCHIVE DOCUMENT



HRA Gray & Pape, LLC

Mr. Mark S. Wolfe
Texas Historical Commission
108 West 16th Street
Austin, TX 78701

RECEIVED

OCT 15 2010

TEXAS HISTORICAL COMMISSION

October 14, 2010

Re: Draft Report, Intensive Pedestrian Cultural Resources Survey of 74 Acres on behalf of LDH Energy Mont Belvieu L.P. in Chambers County, Texas

**Lead Federal Agency: The United States Army Corps of Engineers (USACE), Galveston District
USACE Permit Application # SWG-2010-876**

Dear Mr. Wolfe,

HRA Gray and Pape, LLC has recently completed a cultural resources investigation of 74 acres of private property owned by LDH Energy Mont Belvieu L.P. under contract with URS Corporation. The enclosed draft report presents the results of intensive pedestrian cultural resources surveys of 4 block areas subsuming a combined 74 acres, defined as the Area of Potential Effects (APEs). The Lead Federal Agency for this project has been identified as the United States Army Corps of Engineers (USACE), Galveston District. This work was conducted to satisfy requirements set forth by the National Historic Preservation Act, specifically requirements set forth by 33 CFR Part 325, Appendix C - Procedures for the Protection of Historic Properties (Department of the Army 1973). All work was conducted following accepted standards set forth by the Texas Historical Commission and the Council of Texas Archeologists.

The goals of the cultural resources survey were to determine if land altering activities required to complete this project would affect any previously identified historic properties as defined by Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended (36 CFR 800), and to establish whether or not previously unidentified cultural resources were located within the project's APE.

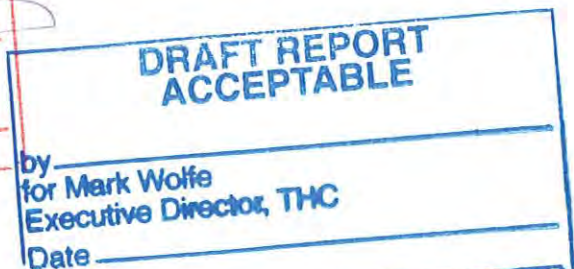
The project is located entirely on privately owned properties; therefore, it did not require a Texas Antiquities Permit. Fieldwork was conducted in September 2010. As a result of investigations, a total of 47 negative shovel tests were excavated, averaging 0.64 shovel tests per acre, exceeding the state's minimum standards. No new or existing cultural resources were recorded within the APEs. Disturbances observed within the project area include the presence oil waste, pipeline easements, and other utilities. Based on the negative results of survey, HRA Gray & Pape, LLC recommends no further work and that the proposed project be allowed to proceed as planned. If you have any questions, or are in need of additional information, please do not hesitate to contact me at (713) 541-0473.

Sincerely,

Kristi Soltysiak
Kristi Soltysiak
Principal Investigator



Enc. CC: Aaron Boers. URS Corporation,
Jerry Androy, USACE, Galveston District



HRAGP Project #602.00

Cincinnati Ohio
1318 Main St
Cincinnati, OH 45202
513.287.7700
F 513.287.7703

Missoula Montana
125 Bank St
Fifth Floor
Missoula, MT 59802
406.721.1958
F 406.721.1964

Houston Texas
1428 West Alabama St.
Houston, TX 77006
713.541.0473
F 713.541.0479

Richmond Virginia
100 West Franklin St.
Suite 102
Richmond, VA 23220
804.644.0656
F 804.643.8119

Seattle Washington
1904 Third Ave.
Suite 240
Seattle, WA 98101
206.343.0226
F 206.343.0249

Portland Oregon
909 N. Beech St.
Suite B
Portland, OR 97227
503.247.1319
F 503.284.1161

Providence Rhode Island
80 Valley St.
Suite 103
Providence, RI 02909
401.273.9900
F 401.273.9944

TEXAS HISTORICAL COMMISSION
real places telling real stories

January 10, 2011

Ms. Kristi Soltysiak
HRA Gray and Pape, LLC
1428 W. Alabama Street
Houston, TX 77006

Re: Project review under Section 106 of the National Historic Preservation Act of 1966
Final Report: *Intensive Pedestrian Cultural Resources Survey of 74 Acres on Behalf of LDH Energy
Mont Belvieu L.P. in Chambers County, Texas*

Dear Colleague:

We are in receipt of the final report for the above referenced project. We will add the report to our agency library. Also, thank you for sending a completed *Abstracts in Texas Contract Archeology* form and a copy of the report on a tagged PDF CD. The electronic copy will allow the report to be viewed online.

Thank you for your cooperation in this federal review process, and for your efforts to preserve the irreplaceable heritage of Texas. **If we may be of further assistance, please contact Ed Baker, (512/463-6096).**

Sincerely,



for
Mark Wolfe
Executive Director

MW/lft



TEXAS HISTORICAL COMMISSION

RECEIVED

OCT 03 2011

TEXAS HISTORICAL COMMISSION

REQUEST FOR SHPO CONSULTATION:
Projects Subject to Section 106 of the National Historic Preservation Act
and/or the Antiquities Code of Texas

Submission of this form only initiates consultation with the Texas Historical Commission, the State Historic Preservation Officer (SHPO) for Texas. The SHPO may require additional information to complete the review for some projects.

FCC projects: this form should not be completed when submitting Form 620 or 621 for communications towers.

Section 106 of the National Historic Preservation Act of 1966, as amended, requires federal agencies to consider the effects of their undertakings on historic properties and to consult with the State Historic Preservation Officer (SHPO) regarding the undertaking. An undertaking is any action by or on behalf of a federal agency that has the potential to affect historic resources and includes funding, permits, or other approvals. Federal agencies are required to identify historic resources that may be affected and to avoid, minimize, or mitigate any adverse effects. The Section 106 regulations are codified in 36 CFR 800 and are available from the Advisory Council on Historic Preservation website at www.achp.gov. Regulations allow 30 days upon receipt for SHPO review.

The Antiquities Code of Texas (Title 9, Chapter 191 of the Texas Natural Resources Code) is intended to protect historic and archeological landmarks and is applicable to public lands owned by the state of Texas or a political subdivision of the state, including state agencies, counties, cities, school districts, and public colleges and universities, as well as other public authorities. Notification of the Texas Historical Commission is required before breaking ground at a project location on state or local public land.

☒ This is a new submission

Complete all pages of this form and include required attachments.

☐ This is additional information relating to original submission made on or about _____

Complete only the first page of this form and add any new information, including attachments.

1. Project Information

PROJECT NAME

Lone Star Fractionator 2

PROJECT ADDRESS

PROJECT CITY

PROJECT ZIP CODE(S)

Mont Belvieu

77521

PROJECT COUNTY OR COUNTIES

Chambers

PROJECT TYPE (Check all that apply)

☐ Road/Highway Construction or Improvement

☐ Repair, Rehabilitation or Renovation of Structure(s)

☒ Site Excavation

☐ Addition to Existing Structure(s)

☒ Utilities & Infrastructure

☐ Demolition or Relocation of Existing Structure(s)

☒ New Construction

☐ None of these

BRIEF PROJECT SUMMARY: Please provide a one or two sentence description to explain the project. More details will be provided separately in Part 5, the Project Work Description Attachment.

Lone Star NGL Mont Belvieu, LP is expanding its existing natural gas liquids (NGL) facility. The undertaking will include building a new fractionator, which processes mixed NGL into component products such as ethane, propane, normal butane, isobutane and natural gasoline.

2. Project Contact Information

PROJECT CONTACT NAME

Rob Lackowicz

TITLE

Cultural Resource Manager

ORGANIZATION

URS Corporation

ADDRESS

7389 Florida Blvd., Suite 300

CITY

Baton Rouge

STATE

LA

ZIP

70806

PHONE

225-935-2974

EMAIL

rob.lackowicz@urs.com

For SHPO Use Only

Track Review to:

☐ Archeology Division: Reviewer:

☐ History Programs Division: Reviewer:

☐ Architecture Division: Reviewer:

Date Stamp Below:

NO HISTORIC
PROPERTIES AFFECTED
PROJECT MAY PROCEED

by _____
for Mark Wolfe

State Historic Preservation Officer

Date

10/4/11

Track#

TEXAS HISTORICAL COMMISSION

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☐ This is a new submission

Complete all pages of this form and include required attachments.

☐ This is additional information relating to original submission made on or about _____

Complete only the first page of this form and add any new information, including attachments.

1. Project Information

PROJECT NAME

PROJECT ADDRESS

PROJECT CITY

PROJECT ZIP CODE(S)

PROJECT COUNTY OR COUNTIES

PROJECT TYPE (Check all that apply)

☐ Road/Highway Construction or Improvement

☐ Repair, Rehabilitation or Renovation of Structure(s)

☐ Site Excavation

☐ Addition to Existing Structure(s)

☐ Utilities & Infrastructure

☐ Demolition or Relocation of Existing Structure(s)

☐ New Construction

☐ None of these

BRIEF PROJECT SUMMARY: Please provide a one or two sentence description to explain the project. More details will be provided separately in Part 5, the Project Work Description Attachment.

2. Project Contact Information

PROJECT CONTACT NAME

TITLE

ORGANIZATION

ADDRESS

CITY

STATE

ZIP

PHONE

EMAIL

For SHPO Use Only**Date Stamp Below:**

Track Review to:

☐ Archeology Division: Reviewer:

☐ History Programs Division: Reviewer:

☐ Architecture Division: Reviewer:

3. Federal Involvement

Does this project involve approval, permit, license, or funding from a federal agency?

☐ Yes (Please complete this section)

☐ No (Skip to next box)

FEDERAL AGENCY

FEDERAL PROGRAM, FUNDING, OR PERMIT TYPE:

FEDERAL AGENCY CONTACT PERSON

PHONE

ADDRESS

EMAIL

Has the federal agency (if other than HUD) formally delegated authority to consult with SHPO on the agency's behalf? ☐ Yes (Please attach delegation letter) ☐ No

4. State Involvement

Does this project involve approval, permit, license, or funding from a state agency?

☐ Yes (Please complete this section)

☐ No (Skip to next box)

STATE AGENCY

STATE PROGRAM, FUNDING, OR PERMIT TYPE:

STATE AGENCY CONTACT PERSON

PHONE

ADDRESS

EMAIL

Will this project involve public land owned by the State of Texas or a political subdivision of the state? (State Agency, County, City, School District, Public Authority, Public College or University, etc.)

☐ Yes

☐ No

CURRENT OR FUTURE OWNER OF THE PUBLIC LAND

5. Project Work Description

Attach a detailed written description of the project that fully explains what will be constructed, altered, or demolished. Include architectural or engineering plans, site plans, specifications, or NEPA documents, as necessary, to illustrate the project.

6. Identification of Project Location and Area of Potential Effect (APE)

The APE includes the entire area within which historic properties could be affected by the project. This includes all areas of construction, demolition, and ground disturbance (direct effects) and the broader surrounding area that might experience visual or other effects from the project (indirect effects).

1. **Attach** map(s) indicating the location and specific boundaries of the project. Road names must be included and legible. Identify the project location, boundaries, and APE on the map(s) as precisely as possible. Suggested maps may include USGS 7.5 minute quadrangle maps (or relevant portions thereof), tax maps, satellite images, etc. The number and types of map(s) will depend on the nature and complexity of the project as well as the extent of the APE. **Projects involving ground disturbance must include the appropriate 7.5 minute USGS quadrangle.**
2. **Attach** a brief written description of the APE, including a discussion of the potential for direct and indirect effects that might result from the project and the justification for the boundaries chosen for the APE.

PROJECT NAME

7. Identification of Historic Properties within the APE (Attach additional materials as necessary)**A. Archeological Resources**

Does this project involve ground-disturbing activity?

☐ Yes (Please complete this section)

☐ No (Skip to Structures section)

Describe the nature, width, length, and depth of the proposed ground-disturbing activity.

Describe previous land use and disturbances.

Describe the current land use and conditions.

B. Structures

Are there any structures, buildings, or designed landscape features (park, cemetery, etc.) 45 years old or older within the project area or APE?

☐ Yes

☐ No

Is the project located within or adjacent to a district that is listed in or eligible for the National Register of Historic Places? Eligible districts may include locally designated districts or areas identified in historic resource surveys.

☐ Yes, name of district:

☐ No

☐ Do not know

If the Texas Historic Sites Atlas (<http://atlas.thc.state.tx.us>) has been consulted, were previously identified architectural resources identified within the project area or APE?

☐ Yes

☐ No

☐ Did not consult Atlas

If the answer to any of the above questions is yes, use the space below or provide an attachment indentifying each structure, building, designed landscape feature, or district within the APE that is 45 years old or older. Include an actual or estimated date of construction and the location of each of the features.

Does the project involve the rehabilitation, alteration, removal, or demolition of any structure, building, designed landscape feature, or district that is 45 years old or older?

☐ Yes

☐ No

If yes, include information with the attachments for Part 5: Project Work Description and Part 8: Photographs.

8. Photographs

Attach clear, high-resolution color photographs that illustrate the project area and APE as defined in Section 6. Images from the internet are not acceptable due to low resolution. Photography should document the project area and properties within the APE, including clear views of any buildings or structures. Please number and label all photographs, and include a map or site plan labeled to show the location and direction of each view. Where applicable, include photographs of the surrounding area from the project site and streetscape images. Should your project entail the alteration of existing structures, please also provide photographs of the existing conditions of sites, buildings, and exterior and interior areas to be affected.

9. Consulting Parties/Public Notification (Section 106 only)

Attach a description of the actions taken to notify the public or invite consultation with parties other than SHPO. Provide a summary of any consultation and comments received from consulting parties or the public.

The SHPO is only one consulting party under Section 106. Refer to 36 CFR 800.2 for information about other participants who are entitled to comment on the Section 106 process, including Native American tribes, interested parties, and the public. Consultation with the SHPO is not a substitution for consultation with Native American tribes. When identifying historic resources within the APE and determining the effect of an undertaking, applicants should consider consulting with the county historical commission and the local historic preservation officer, if any.

PROJECT NAME

10. Applicant's Determination of Effect (Section 106 only)

An effect occurs when an action alters the characteristics of a property that qualify it for listing in the National Register of Historic Places, including changes to the property's location, design, setting, materials, workmanship, feeling, and association. Effects can be direct or indirect, and can be physical, visual, audible, or economic. They may include a change in ownership or change in use.

- ☐ **No Historic Properties Affected** based on 36 CFR 800.4(d)(1). Please provide the basis for this determination.
- ☐ **No Adverse Effect** on historic properties based on 36 CFR 800.5(b). Please explain why the criteria of adverse effect at 36 CFR 800.5(a)(1) were not found to be applicable for your project.
- ☐ **Adverse Effect** on historic properties based on 36 CFR 800.5(d)(2). Please explain why the criteria of adverse effect at 36 CFR 800.5(a)(1) were found to be applicable to your project. You may also wish to include an explanation of how these adverse effects might be avoided, minimized, or mitigated.

In the space below or as an attachment, please explain the effect of the project on historic properties.

Submit Completed Form and Attachments to:

Via mail:
 Mark Wolfe
 State Historic Preservation Officer
 Texas Historical Commission
 PO Box 12276
 Austin, TX 78711

Via hand delivery or private express delivery:
 Mark Wolfe
 State Historic Preservation Officer
 Texas Historical Commission
 108 West 16th St.
 Austin, TX 78701

Faxes and email are not acceptable.

For SHPO Use Only

PROJECT NAME			
PROJECT ADDRESS	PROJECT CITY	PROJECT ZIP CODE(S)	
PROJECT COUNTY OR COUNTIES			
PROJECT CONTACT NAME	TITLE	ORGANIZATION	
ADDRESS	CITY	STATE	ZIP
PHONE	EMAIL		

Project Description and Area of Potential Effect

PROJECT LOCALITY: Chambers County

DATE SUBMITTED: 09/29/2011

PROJECT NAME: Lone Star Fractionator 2, Mont Belvieu, Chambers County, Texas

PROJECT DESCRIPTION:

Lone Star NGL Mont Belvieu, LP proposes to construct a 100,000 barrels per day natural gas liquids (NGL) fractionation facility. The undertaking will occur within an existing defined oil and gas field and expand from an existing energy facility situated in Mont Belvieu. The project will develop additional storage facilities for y-grade liquids and infrastructure to provide NGL suppliers and customers access to storage, other fractionators, pipelines and multiple markets.

The precise construction footprint including associated utilities has not yet been defined. It will involve building of a new Fractionator NGL facility that will process mixed NGL into component products such as ethane, propane, normal butane, isobutane and natural gasoline. The maximum potential project limits are shown on the accompanying maps as two locations totaling approximately 54 acres.

AREA OF POTENTIAL EFFECT:

The project area is located in a mature oil and gas field surrounded by existing industrial buildings and infrastructure that are less than 50 years in age. Based on the findings of previous cultural resource investigations conducted in the area, no historic properties are located within or near the undertaking. The Area of Potential Effect is limited to construction activities within the defined limits shown in the attached maps, as well as buildings within direct visual sight of the completed facility.

COMPARISON WITH APPLICABLE PLANS:

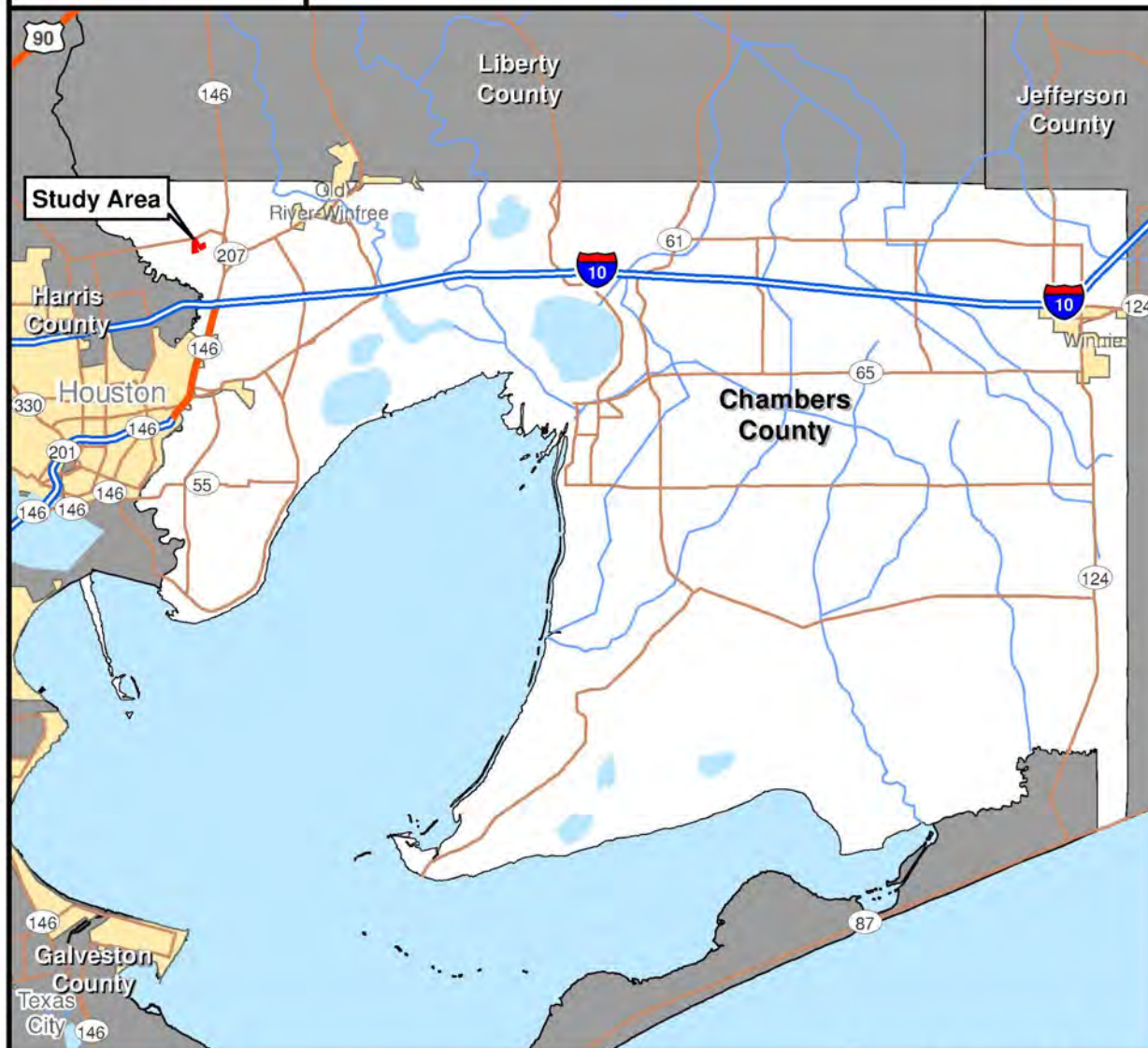
The proposed improvements complement the existing infrastructure and would not significantly change land or facility use from its current state. Applicable plans would not specify a small improvement such as this.

<u>Factor</u>	<u>Project Will be in Compliance</u>		
	Yes	No (Explain)	N.A.
Local Comprehensive Plans Including Land Use and Growth Management Elements	<u>X</u>	_____	_____
Area and Regional Plans	<u>X</u>	_____	_____
Local Zoning Ordinances	<u>X</u>	_____	_____

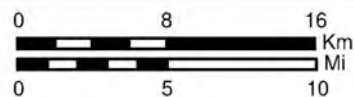


URS Services and Solutions
7389 Farda Blvd.
Baton Rouge, LA 70806
225/922-5700

Lone Star Fractionator #2



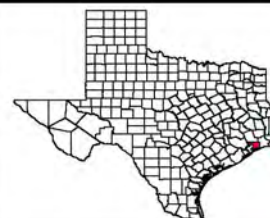
- | | | |
|--|--|--|
| ■ Study Area | Chambers County | — Interstate Highway |
| ■ Major Lake | Surrounding County | — Highway |
| Urban Area | — Major River | — Major Road |



1:400,000
UTM Nad 83
Zone 15

OVERVIEW MAP

Locator Map



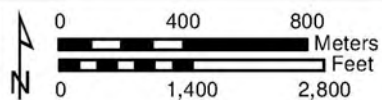


GIS Services and Solutions
7369 Florita Blvd
Baton Rouge, LA 70806
225/922-5700

Lone Star Fractionator #2



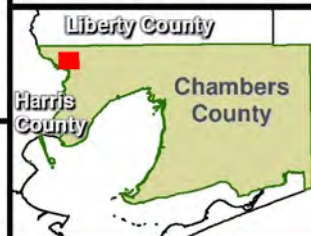
 Study Area



1:24,000
UTM Nad 83
Zone 15

USGS Quads:
Mont Belvieu, TX

Locator Map





G/S Services and Solutions
7389 Florita Blvd
Baton Rouge, LA 70806
225/922-5700

Lone Star Fractionator #2



 Study Area



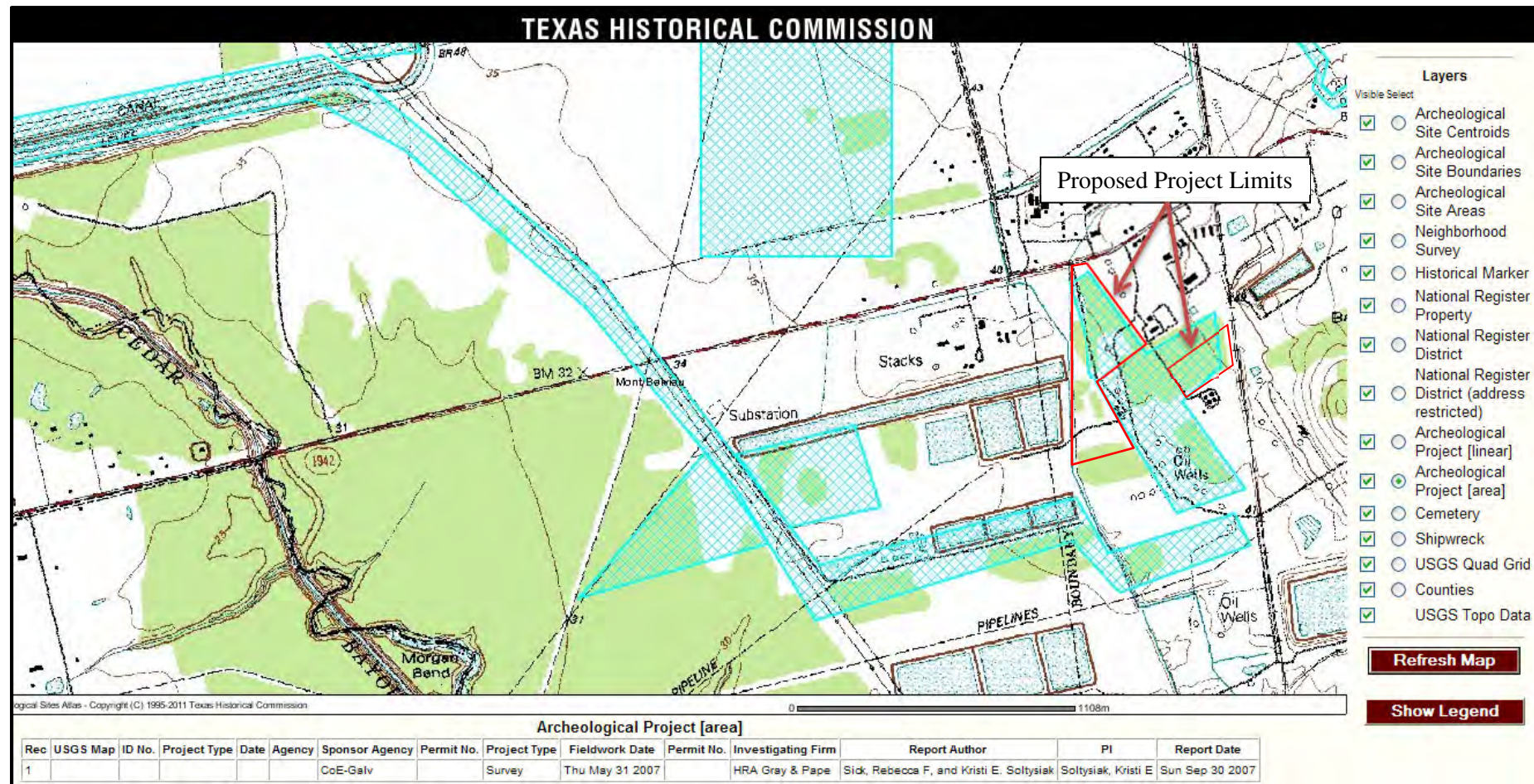
0 100 200 Meters
0 330 660 Feet

1:6,000
UTM Nad 83
Zone 15

USGS Quads:
Mont Belvieu, TX


Locator Map







PHOTOGRAPHIC LOG

Client Name: Lone Star NGL Mont Belvieu, L.P.		Site Location: Fractionator #2	Project No. 25013784
Date 6/04/10	Photo No. 1		
Direction Photo Taken: North			
Description: Vicinity of Sampling Point			


Date 6/04/10	Photo No. 2	
Direction Photo Taken: East		
Description: Vicinity of Sampling Point		

Client Name: Lone Star NGL Mont Belvieu, L.P.		Site Location: Fractionator #2	Project No. 25013784
Date 6/04/10	Photo No. 3		
Direction Photo Taken: South			
Description: Vicinity of Sampling Point			

Date 6/04/10	Photo No. 4	
Direction Photo Taken: West		
Description: Vicinity of Sampling Point		



PHOTOGRAPHIC LOG

Client Name: Lone Star NGL Mont Belvieu, L.P.		Site Location: Fractionator #2	Project No. 25013784
Date 6/04/10	Photo No. 3		
Direction Photo Taken: South			
Description: Vicinity of Sampling Point			

Date 6/04/10	Photo No. 4	
Direction Photo Taken: West		
Description: Vicinity of Sampling Point		



PHOTOGRAPHIC LOG

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Direction Photo Taken: North			
Description: Vicinity of Sampling Point			

Date 6/04/10	Photo No. 2	
Direction Photo Taken: East		
Description: Vicinity of Sampling Point		



PHOTOGRAPHIC LOG

Client Name: Lone Star NGL Mont Belvieu, L.P.		Site Location: Fractionator #2	Project No. 25013784
Date 6/04/10	Photo No. 1		
Direction Photo Taken: North			
Description: Vicinity of Sampling Point			

Date 6/04/10	Photo No. 2	
Direction Photo Taken: East		
Description: Vicinity of Sampling Point		