

# Exhibit FF. Bratton Family Farms Desktop Cultural Analysis



# Bratton Family Farms Desktop Cultural Analysis



## TERRAXPLORATIONS

*Leading the Future in Recording America's Past*

October 4, 2017

Mr. Zach Hager  
One Acadiana  
805 East St. Mary Boulevard  
Lafayette, LA 70503

Re: Desktop survey to identify previously recorded historic and prehistoric properties within a one mile radius Area of Potential Effect (APE) of the proposed Dixie Field Site located in Acadia Parish, Louisiana.

Zach,

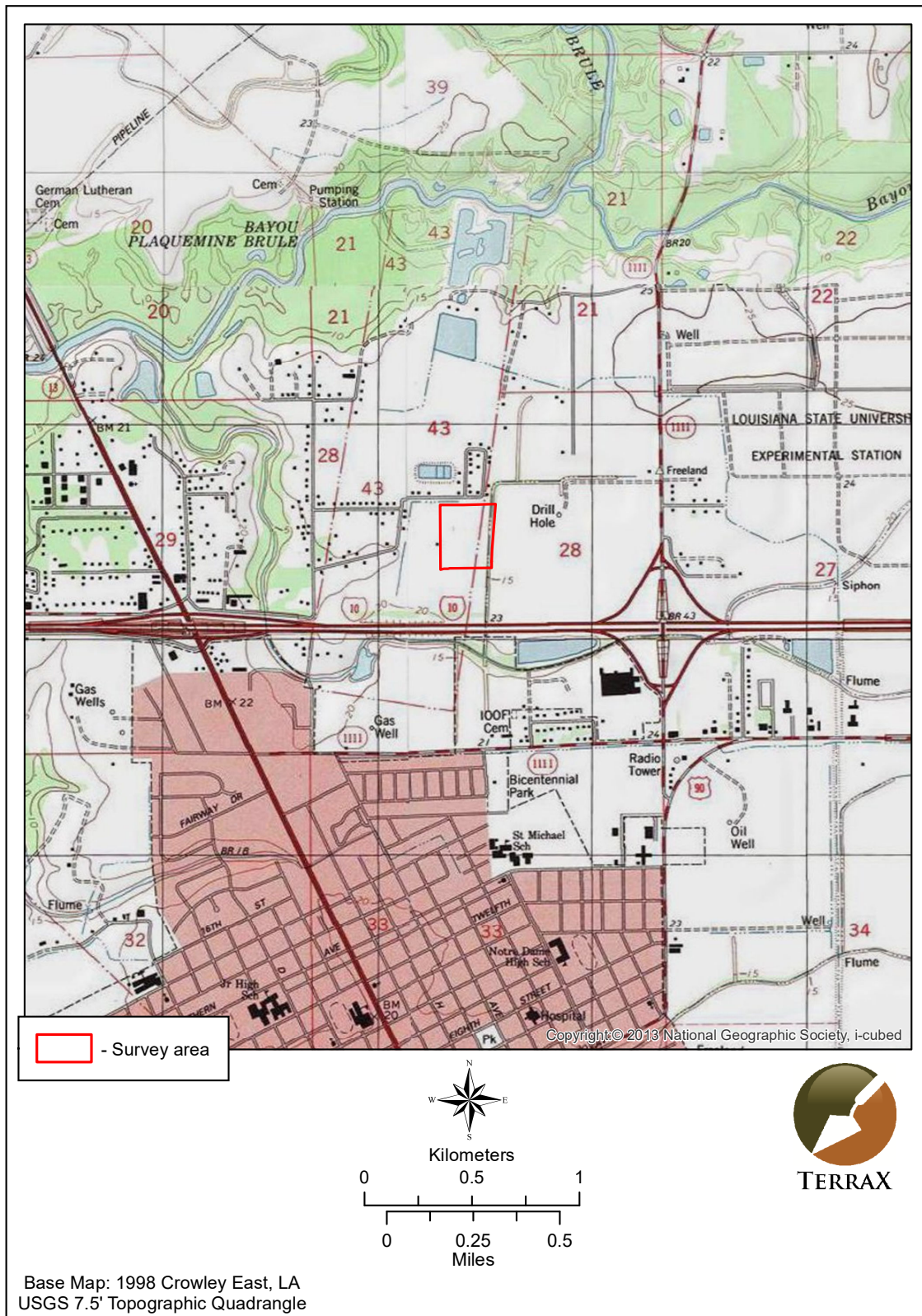
Per your request for a desktop review proposal to identify previously recorded historic and prehistoric properties within a one-mile radius APE of the proposed Dixie Field Site located in Acadia Parish, Louisiana TerraXplorations, Inc. (TerraX) provides the following information:

A literature and document search was conducted in order to gather pertinent background information regarding the subject property and its surroundings. This research included an online query of the Louisiana Division of Archaeology (LDOA) Cultural Resource Viewer (LDOA 2017), the Historic Structure Files, and the National Register of Historic Places (NRHP) (National Park Service 2017). The project area totals approximately 18 acres located east of State Highway 13 and north of U.S. Interstate 10 in the town of Acadia, Louisiana (Figures 1 and 2). These areas are found within Sections 28 and 43, Township 9S, Range 1E as seen on the 1998 Crowley East, Louisiana USGS 7.5' series topographic quadrangle.

An examination of the NRHP online files failed to reveal any registered properties within a mile of the project area. Research of the site files (LDOA 2016) also failed to identify any previously recorded archaeological sites within a mile of the proposed study area. A search of the Phase I Surveys database maintained by LDOA (2017) identified two previous archaeological surveys and/or assessments conducted within a mile (Figure 3).

LDOA# 22-2327. *Archaeological Monitoring and Phase I Investigations in Selected Portions of the Proposed Enron Fiber Optic Line, Lake Charles to New Orleans, Louisiana*. Earth Search, Inc. conducted this investigation across southern Louisiana in 2000. Archaeological monitoring was conducted at Sites 16CU128, 16JD30, 16TA29, and 16SJB2. No artifacts were noted (Lee et al. 2000).

LDOA# 22-2329. *Phase IA Cultural Resources Investigation for a Proposed Fiber-Optic Line Through the Southern Portions of Louisiana*. Panamerican Consultants, Inc. performed this Phase IA desktop cultural-resources investigation in 2000 of a 270 mile fiber-optic cable route from Pensacola, Florida to Houston, Texas. The bulk of this project took place within existing road or pipeline right-of-way. No fieldwork was performed (Jackson et al. 2000).



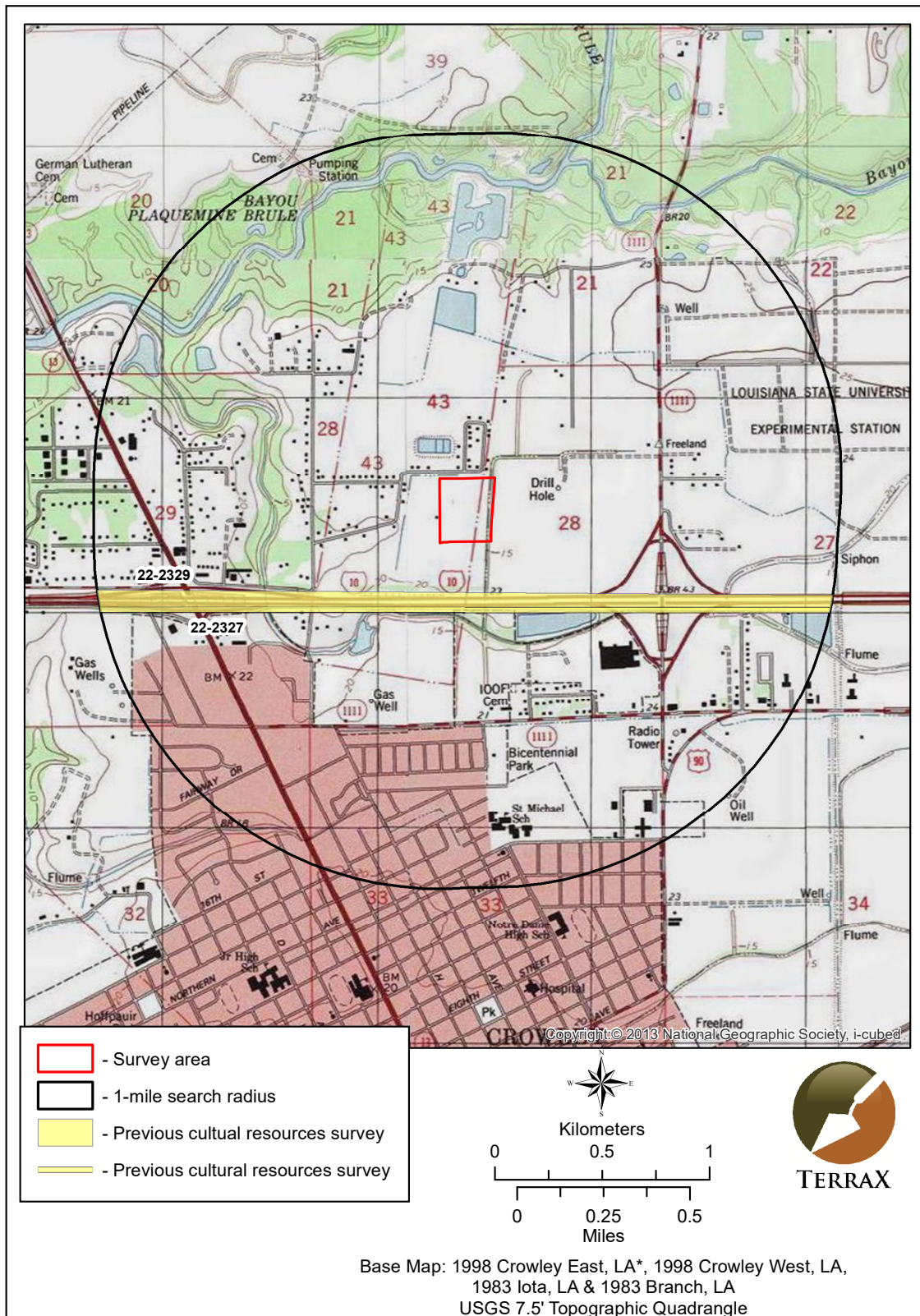
**Figure 1.** Map showing the Dixie Field Site project area (as seen on the 1998 Crowley East 7.5' quadrangle).





*Figure 2. Aerial showing the Dixie Field Site project area.*





**Figure 1.** Map showing previous surveys near the Dixie Field Site project area (as seen on the 1998 Crowley East 7.5' quadrangle).

Should a Phase I survey be needed, all necessary fieldwork would be directly supervised by a RPA-certified archaeologist who meets or exceeds the profession qualifications specified by the LDOA Guidelines as well as the Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation. All of our team's activities will adhere to the guidelines of the LDOA, National Environmental Policy Act, and the National Historic Preservation Act.

The field survey will document all cultural resources within the Area of Potential Effect (APE), especially archaeological sites, cemeteries, and historic structures/features. The specific goals of the survey will be to: 1) describe the distribution of cultural resources within the APE; 2) determine the location and condition of cultural resources, especially regarding potential NRHP eligibility; 3) determine the types of cultural resources present; 4) classify the types of individual cultural resources present; and 5) record the physical extent of specific resources. In areas where shovel testing is not possible, standard archaeological techniques will be implemented, especially visual observation of the ground surface.

The specific field methodology will include linear transects that will be walked within the unsurveyed areas with surface investigations and subsurface testing being conducted throughout the process. Field techniques will be centered on pedestrian inspection along systematic transects placed at either 30 or 50 meter intervals. Handheld GPS units will be used to record the placement of any archaeological sites, if found. Shovel tests measuring 30 cm in diameter will be excavated into subsoil or until water is reached. Soils will be sifted through a 6-MM (1/4-inch) mesh screen to search for cultural materials. Any artifacts that would be recovered during the investigation will be bagged by provenience, and returned to the laboratory for analysis. All shovel tests will be refilled immediately after excavation. No tests will be left open overnight during the course of the proposed Phase I survey.

TerraX can provide a qualified team for a cultural resources survey, estimated to require two (2) days for the background research and fieldwork phases and seven (7) days for the analysis and report preparation phases. A report of findings will be prepared and submitted fully describing the conduct, results, and recommendations of the investigation. The cost for a Phase I cultural resources survey of the subject property would be **\$2,118.33**. We can begin the project within five (5) days of notice-to-proceed. TerraX appreciates the opportunity to provide this information to you. If you have any questions, please don't hesitate to contact us.

Sincerely,

Jon Glass  
Vice-President  
TerraX

## REFERENCES

Lee, Aubra L., Jason Emery, Gary Gordon, Benjamin Maygarden, Barry South, Kathryn Lintott, and Rhonda L. Smith

2010 *Archaeological Monitoring and Phase I Investigations in Selected Portions of the Proposed Enron Fiber Optic Line, Lake Charles to New Orleans, Louisiana*. Earth Search, Inc. Prepared by Earth Search, Inc. LDOA#22-2327.

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2017 Louisiana Archaeological Site Files. Louisiana Division of Archaeology, Baton Rouge, Louisiana. Accessed on October 4, 2017.

National Park Service

2017 National Register of Historic Places. Department of the Interior, Washington, D.C. Available online at [www.cr.nps.gov/nr](http://www.cr.nps.gov/nr). Accessed on October 4, 2017.

Jackson, Paul D., Rebecca Saunders, and Josetta LeBoeuf

2000 *Phase IA Cultural Resources Investigation for a Proposed Fiber-Optic Line Through the Southern Portions of Louisiana*. Prepared by PCI. LDOA#22-2329.