



DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS, NEW ORLEANS DISTRICT  
7400 LEAKE AVE  
NEW ORLEANS, LA 70118-3651

April 17, 2023

Regulatory Division  
Western Evaluation Branch

Project Manager:  
Sara Fortuna  
(504) 862-2284  
[sara.b.fortuna@usace.army.mil](mailto:sara.b.fortuna@usace.army.mil)

Application #: MVN-2023-00295-WKK

## **PUBLIC NOTICE**

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [ ] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [ **X** ] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344), and/or [ ] Section 14 of the Rivers and Harbors Act of 1899 (33 U.S.C. Section 408).

### **RING LEVEE, DRILL PAD, ACCESS ROAD, & CULVERTS IN IBERIA PARISH**

**NAME OF APPLICANT:** Castex Energy Development Fund II, L.L.C., c/o: C.H. Fenstermaker and Associates, L.L.C., 135 Regency Square, Lafayette, Louisiana 70508.

**LOCATION OF WORK:** Located in Iberia Parish, near Bayou Teche, located near the intersection of LA Highway 87 and Duhe Farm Road, in approximately 10.34 miles southeast of New Iberia, Louisiana, (Latitude North: 29.981667°N, Longitude West: - 91.674444°W), as shown within the enclosed drawings. (Hydrologic Unit Code 08080102, Vermilion-Teche Basin).

**CHARACTER OF WORK:** Conduct excavation operations to construct a 400-foot wide by 400-foot long drill pad with ring levee, a 20-foot wide by 2,267-foot long access road, four 24-inch diameter culverts spaced at 500-foot intervals, two 84-inch diameter culverts near existing access road, eight 23-foot wide by 90-foot long pull overs, four 80-foot wide by 80-foot long wings, and place approximately 13,484 cubic yards of earthen fill material for the well pad and ring levee and 3,035 cubic yards of earthen fill material for the access road, all to drill the Kojack Prospect Well No. 1. Approximately 6.91 acres of forested wetlands and 0.04 of an acre of non-wetland waters would be permanently impacted via project implementation. If a Department of the Army permit is warranted, the applicant has proposed to mitigate unavoidable wetlands impacts at an approved and acceptable mitigation bank within the N.O. District.

The comment period on the requested Department of the Army Permit will close **20 days** from the date of this public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit request, and must be submitted so as to be received before or by the last day of the comment period. Letters and/or comments concerning the subject permit application must reference the Applicant's Name and the Permit Application Number and can be preferably emailed to the Corps of Engineer's project manager listed above or forwarded to the Corps of Engineers at the address above, **ATTENTION: REGULATORY DIVISION, RGW, Sara Fortuna.** Individuals or parties may also request an extension of time in which to comment on the proposed work by mail or preferably by emailing the specified project manager listed above. Any request for an extension of time to comment must be specific and substantively supportive of the requested extension and received by this office prior to the end of the initial comment period. The Branch Chief will review the request and the requester will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous and inclusive of the initial comment period and will not exceed a total of 30 calendar days. This public notice is also available for review online at <https://go.usa.gov/xennJ>

### **Corps of Engineers Permit Criteria**

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is presently unaware of properties listed on the National Register of Historic Places at or near the proposed work but is pending further review in accordance with the National Historic Preservation Act. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. As deemed necessary, copies of this public notice will be sent to the State Archeologist, State Historic Preservation Officer, and federally listed tribes regarding potential impacts to cultural resources.

Our initial finding is that the proposed work would neither affect any species listed as endangered by the U.S. Departments of Interior or Commerce, nor affect any habitat designated as critical to the survival and recovery of any endangered species. Based on the Information Planning and Consultation (IPaC) tool for Endangered Species in Louisiana, as signed on January 27, 2020, between the U.S. Army Corps of Engineers, New Orleans and the U.S. Fish and Wildlife Service, it has been determined that the project would have no effect to any listed species.

Our initial finding is that the proposed work would have no effect on any species listed as endangered by the U.S. Department of Commerce, nor affect any habitat designated as critical to the survival and recovery of any such species.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal may result in the destruction, alteration, and/or disturbance of N/A acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Louisiana Department of Environmental Quality before a Department of the Army permit could be issued.

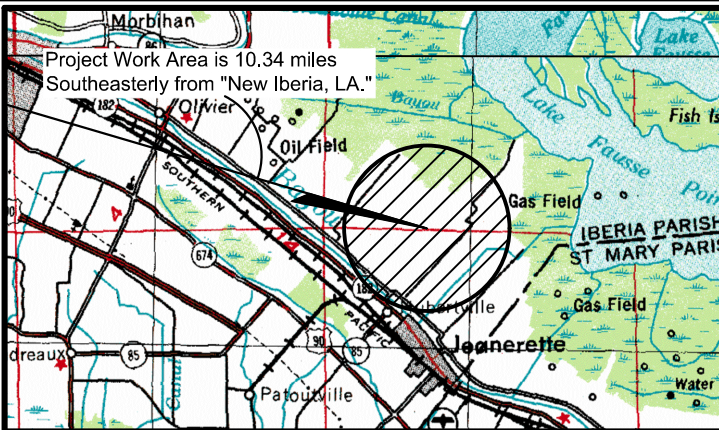
Any person may request within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state with particularity, the reasons for holding a public hearing, and can be preferably emailed to the USACE project manager listed above or mailed to the address listed above.

You are invited to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara  
Chief, Western Evaluation Branch  
Regulatory Division

Enclosures





Project Work Area is 10.34 miles  
Southeasterly from "New Iberia, LA."

**VICINITY MAP**  
NOT TO SCALE

**P.O.E. PROPOSED ACCESS ROAD**

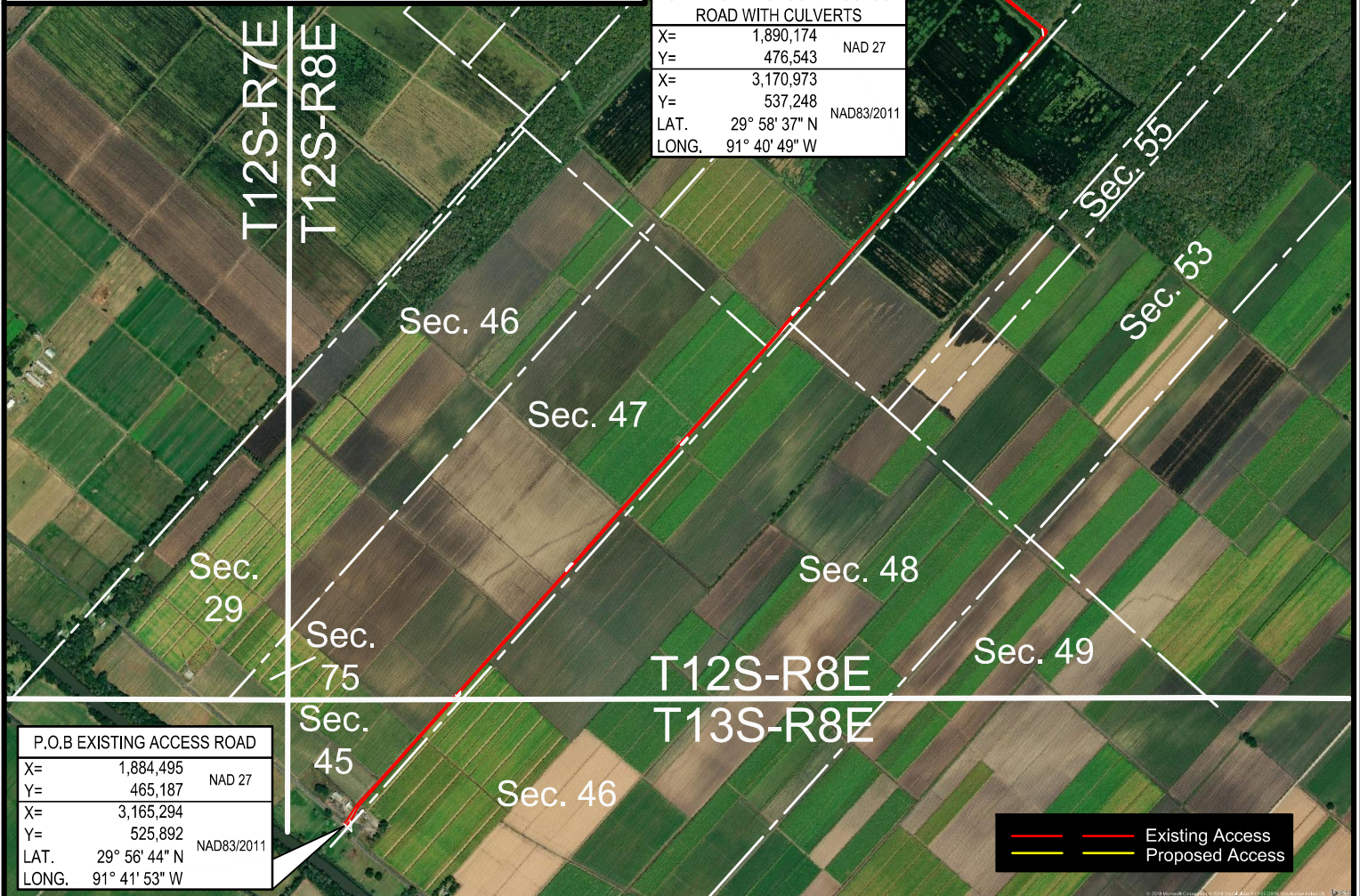
X=	1,891,687	NAD 27
Y=	478,231	
X=	3,172,486	NAD83/2011
Y=	538,936	
LAT.	29° 58' 53" N	
LONG.	91° 40' 32" W	

**P.O.E. EXISTING ACCESS ROAD  
START OF PROPOSED ACCESS  
ROAD WITH CULVERTS**

X=	1,890,174	NAD 27
Y=	476,543	
X=	3,170,973	NAD83/2011
Y=	537,248	
LAT.	29° 58' 37" N	
LONG.	91° 40' 49" W	

**KOJACK PROSPECT**

X=	1,892,083	NAD 27
Y=	478,246	
X=	3,172,882	NAD83/2011
Y=	538,951	
LAT.	29° 58' 54" N	
LONG.	91° 40' 28" W	



**P.O.B. EXISTING ACCESS ROAD**

X=	1,884,495	NAD 27
Y=	465,187	
X=	3,165,294	NAD83/2011
Y=	525,892	
LAT.	29° 56' 44" N	
LONG.	91° 41' 53" W	



**CASTEX ENERGY DEVELOPMENT FUND II, LLC.**

**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**

**Kojack Prospect**

**Sections 47, 54 & 43, T12S-R8E & Section 45, T13S-R8E**

**Iberia Parish, Louisiana**

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

PROJ. MGR.: CG

SHEET 1 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg



*Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.*

**PRELIMINARY**

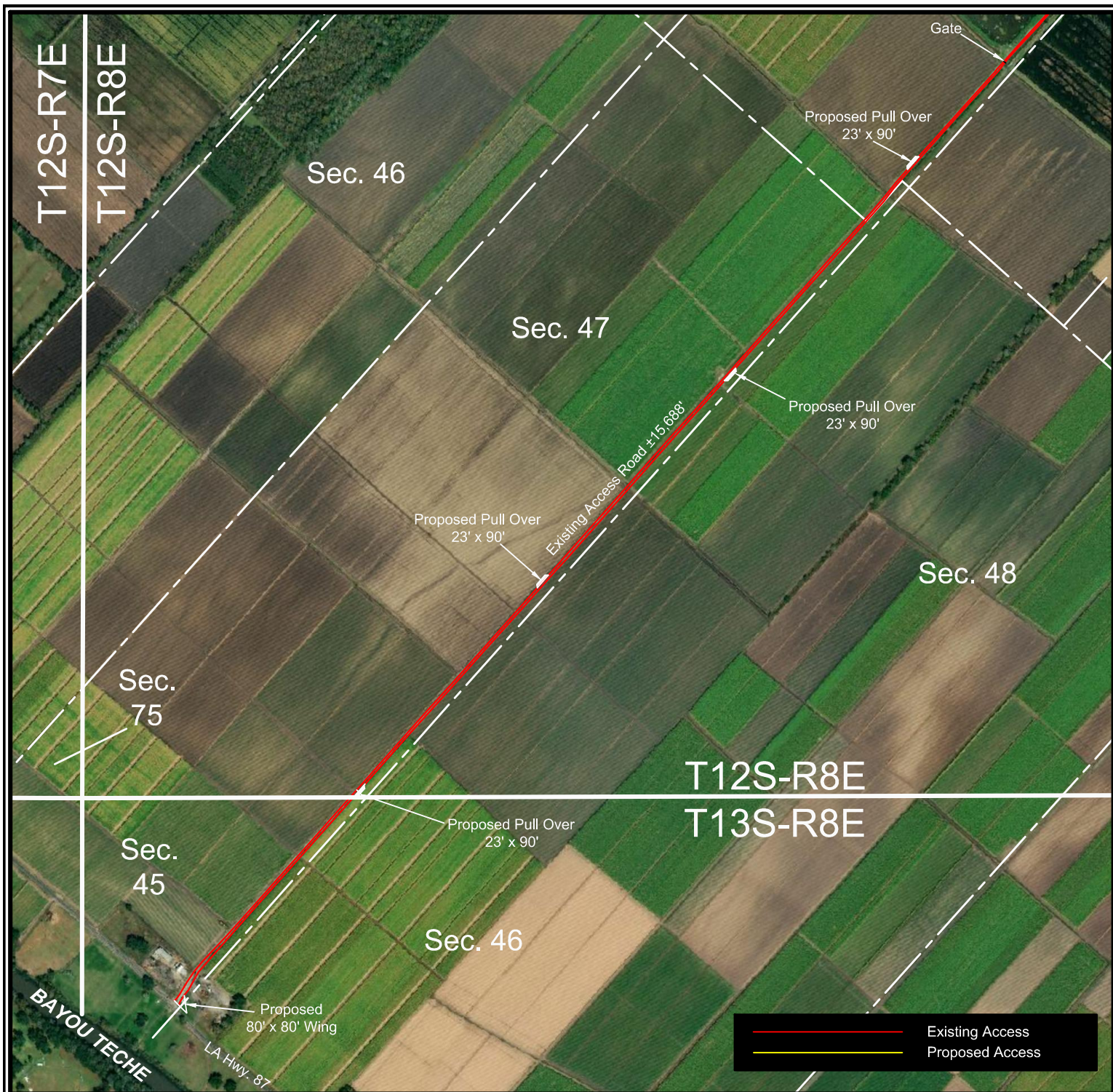
NOTE: THESE PLANS ARE INTENDED  
EXCLUSIVELY FOR THE PURPOSE OF  
OBTAINING ENVIRONMENTAL  
COMPLIANCE PERMITS AND ARE NOT  
TO BE USED FOR CONSTRUCTION,  
BIDDING, RECORDATION, CONVEYANCE,  
SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643





*Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.*

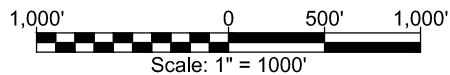
**PRELIMINARY**

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

NOTE: THESE PLANS ARE INTENDED  
EXCLUSIVELY FOR THE PURPOSE OF  
OBTAINING ENVIRONMENTAL  
COMPLIANCE PERMITS AND ARE NOT  
TO BE USED FOR CONSTRUCTION,  
BIDDING, RECORDATION, CONVEYANCE,  
SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)



**CASTEX ENERGY DEVELOPMENT FUND II, LLC**  
**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**  
Kojack Prospect  
Sections 47, 54 & 43, T12S-R8E & Section 45, T13S-R8E  
Iberia Parish, Louisiana

DRAWN BY: TSM

REVISED:

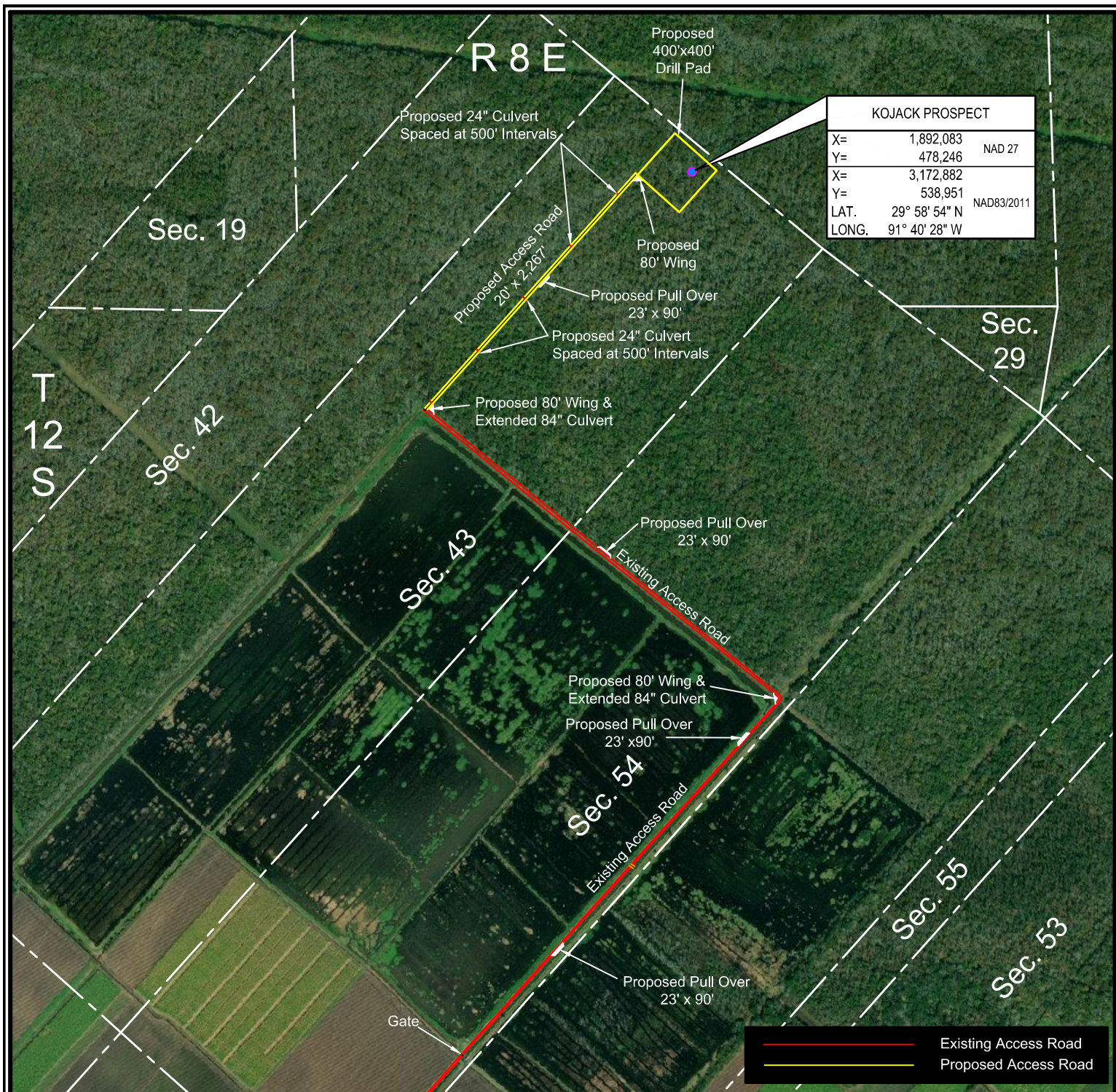
DATE: 02/07/2023

PROJ. MGR.: CG

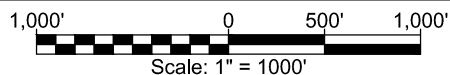
SHEET 2 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg





KOJACK PROSPECT		
X=	1,892,083	NAD 27
Y=	478,246	
X=	3,172,882	NAD83/2011
Y=	538,951	
LAT.	29° 58' 54" N	
LONG.	91° 40' 28" W	



**CASTEX ENERGY DEVELOPMENT FUND II, LLC**  
**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**  
**Kojack Prospect**  
**Sections 47, 54 & 43, T12S-R8E, Section 45, T13S-R8E**  
**Iberia Parish, Louisiana**

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

PROJ. MGR.: CG

SHEET 3 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg



*Not to be used for construction, bidding, recordation, conveyance, sales, or engineering design.*

**PRELIMINARY**

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

NOTE: THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS AND ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)



R 8 E

Sec. 42

T  
12  
S

Sec. 43

Proposed 24" Culvert  
Spaced at 500' Intervals

Proposed  
Access Road

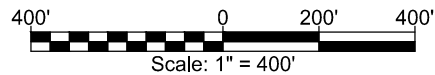
Proposed Pullover  
23' x 90'

Proposed  
80' Wing

Proposed 80' Wing &  
Extended 84" Culvert

Existing Access Road

Castex Energy Development  
Fund II, LLC-  
Kojack Prospect  
No. 1 Well



**CASTEX ENERGY DEVELOPMENT FUND II, LLC**  
**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**  
 Kojack Prospect  
 Sections 47, 54 & 43, T12S-R8E & Section 45, T13S-R8E  
 Iberia Parish, Louisiana

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

PROJ. MGR.: CG

SHEET 4 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg



*Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.*

**PRELIMINARY**

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

NOTE: THESE PLANS ARE INTENDED  
EXCLUSIVELY FOR THE PURPOSE OF  
OBTAINING ENVIRONMENTAL  
COMPLIANCE PERMITS AND ARE NOT  
TO BE USED FOR CONSTRUCTION,  
BIDDING, RECORDATION, CONVEYANCE,  
SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)



R 8 E

MARY FRANCIS  
KELLY GILBERT

AMY JOHNSON TONE

T  
12  
S

Castex Energy Development  
Fund II, LLC-  
*Kojack Prospect*  
No. 1 Well

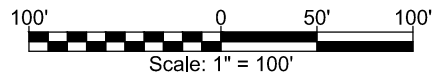
Proposed  
150-200  
Pilings

Proposed  
80' Wing

Proposed  
24" Culvert

Sec. 43

Proposed Pilings



**CASTEX ENERGY DEVELOPMENT FUND II, LLC**  
**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**  
**Kojack Prospect**  
**Sections 47, 54 & 43, T12S-R8E, Section 45, T13S-R8E**  
**Iberia Parish, Louisiana**

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

PROJ. MGR.: CG

SHEET 5 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg



*Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.*

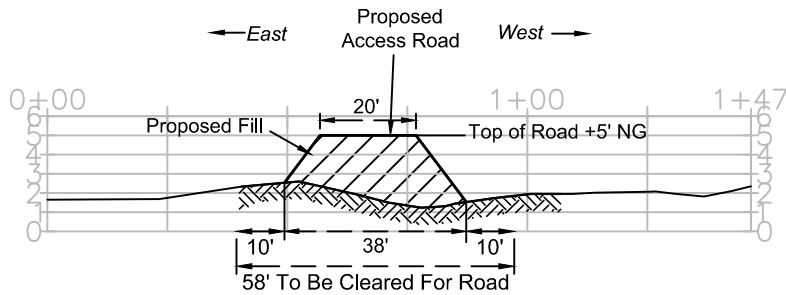
**PRELIMINARY**

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

NOTE: THESE PLANS ARE INTENDED  
EXCLUSIVELY FOR THE PURPOSE OF  
OBTAINING ENVIRONMENTAL  
COMPLIANCE PERMITS AND ARE NOT  
TO BE USED FOR CONSTRUCTION,  
BIDDING, RECORDATION, CONVEYANCE,  
SALES OR ENGINEERING DESIGN.

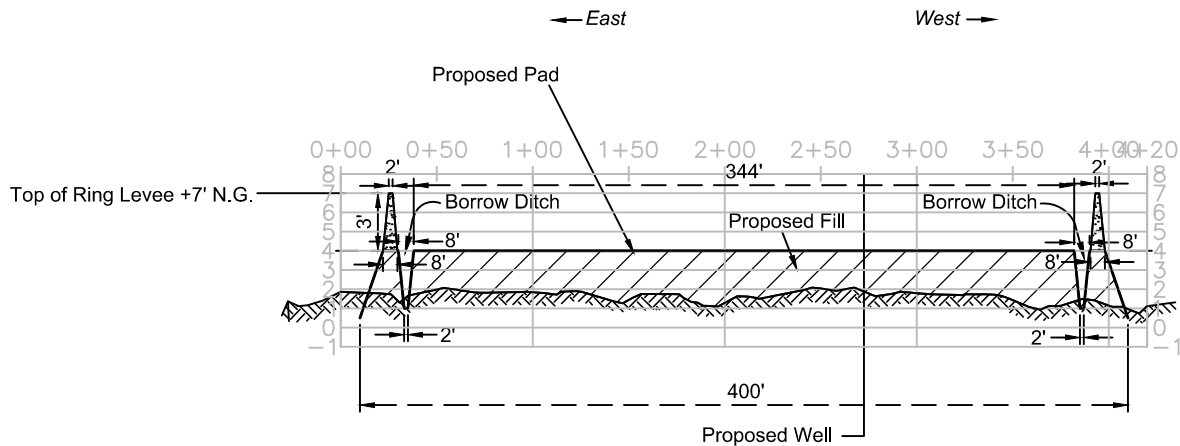


C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)



### PROPOSED ACCESS ROAD CROSS SECTION A-A'

Horizontal Scale: 1" = 40'  
Vertical Scale: 1" = 10'



### PROPOSED PAD CROSS SECTION B-B'

Horizontal Scale: 1" = 100'  
Vertical Scale: 1" = 10'

NOTE: THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS AND ARE NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.

**PRELIMINARY**

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

## CASTEX ENERGY DEVELOPMENT FUND II, LLC.

PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD

Kojack Prospect

Sections 47, 54 & 43, T12S-R8E & Section 45, T13S-R8E

Iberia Parish, Louisiana

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

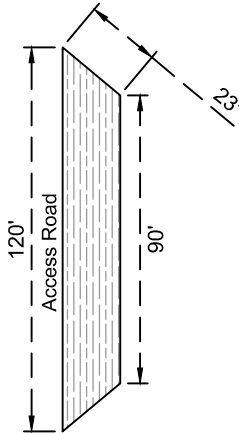
PROJ. MGR.: CG

SHEET 6 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg

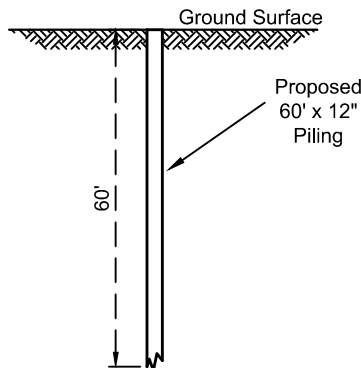


TOTAL FILL REQUIRED FOR ACCESS ROAD ..... 3,035 CU. YDS.  
TOTAL FILL REQUIRED FOR PAD & RING LEVEES ..... 13,484 CU. YDS.



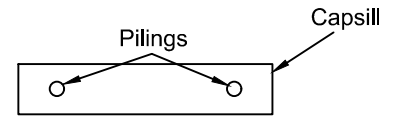
**PROPOSED PULLOVER**

Scale: 1"= 60'

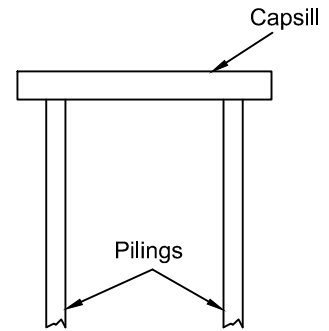


**TYPICAL PILING**

No Scale



**PLAN VIEW**



**TYPICAL PILING & CAPSILL**

No Scale

**NOTES:**

1. The drillsite and ring levees will be degraded within 90 days following abandonment. The material will be deposited to the extent practicable into the borrow areas from which the material was excavated and the area leveled and restored to as near preproject conditions as practicable.
2. In the event the well is productive, boards may be replaced with gravel or other suitable permiting material and the area restored except for the minimum area required for production.
3. Closure procedures, including onsite land treatment and/or offsite disposal of mud pit contents and other drilling residues, shall be conducted in accordance with appropriate Federal and State Regulations.
4. In order to ensure the safety of all parties, the permittee shall contact the Louisiana ONE CALL System (1-800-272-3020), a minimum of 48 hours prior to the commencement of any excavation (Digging, Dredging, Jetting, etc.) or demolition activity.
5. Closed Mud System will be used.

**DISCLAIMER:** At this time, C. H. Fenstermaker & Associates, L.L.C. has not performed nor was asked to perform any type of engineering, hydrological modeling, flood plain, or "No Rise" certification analyses, including but not limited to determining whether the project will impact flood hazards in connection with federal/FEMA, state, and/or local laws, ordinances and regulations. Accordingly, Fenstermaker makes no warranty or representation of any kind as to the foregoing issues, and persons or entities using this information shall do so at their own risk.

*Not to be used for construction,  
bidding, recordation, conveyance,  
sales, or engineering design.*

**PRELIMINARY**

NOTE: THESE PLANS ARE INTENDED  
EXCLUSIVELY FOR THE PURPOSE OF  
OBTAINING ENVIRONMENTAL  
COMPLIANCE PERMITS AND ARE NOT  
TO BE USED FOR CONSTRUCTION,  
BIDDING, RECORDATION, CONVEYANCE,  
SALES OR ENGINEERING DESIGN.



C. H. Fenstermaker & Associates, L.L.C.  
135 Regency Sq. Lafayette, LA 70508  
Ph. 337-237-2200 Fax. 337-232-3299  
[www.fenstermaker.com](http://www.fenstermaker.com)

Ronald E. Prather  
Professional Land Surveyor  
Registration No. 4643

**CASTEX ENERGY DEVELOPMENT FUND II, LLC.**

**PROPOSED ACCESS ROAD, PULLOVERS & WELL PAD**

**Kojack Prospect**

**Sections 47, 54 & 43, T12S-R8E & Section 45, T13S-R8E**

**Iberia Parish, Louisiana**

DRAWN BY: TSM

REVISED:

DATE: 02/07/2023

PROJ. MGR.: CG

SHEET 7 OF 7 SHEETS

FILENAME: T:\2018\2188536.01\DWG\Kojack Prospect COE Plans.dwg