JOINT PUBLIC NOTICE

April 14, 2014

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch
Post Office Box 60267
New Orleans, Louisiana 70160-0267

(504) 862-2041 FAX (504) 862-2117
robert.m.tewis2@usace.army.mil
Project Manager
Robert Tewis
Permit Application Number
MVN-2013-02952-ETT

State of Louisiana
Department of Environmental Quality
Attn: Water Quality Certification
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225;
Fax (225) 219-3156
Project Manager
Elizabeth Johnson
WQC Application Number
WQC-140328-02

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 (Corps) 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).

Application has also been made to the Louisiana Department of Environmental Quality for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

CONSTRUCT A DRILL SITE WELL PAD FOR SUBSURFACE HYDRAULIC FRACTURING, IN ST. TAMMANY PARISH, LOUISIANA

NAME OF APPLICANT: Helis Oil & Gas Company, LLC, c/o C.H. Fenstermaker & Associates, LLC, Attention: Nicholas Gaspard, 135 Regency Square, Lafayette, Louisiana, 70508.

LOCATION OF WORK: North of Interstate-12, east of LA Highway 1088, abutting the west side of Log Cabin Road, at Latitude: 30.38806, Longitude -89.97917, in St. Tammany Parish, Louisiana.

CHARACTER OF WORK: Clear, grade, excavate, and fill to construct a 10.55 acre drilling well pad to be used for subsurface hydraulic fracturing for the exploration and potential future extraction of oil and gas. As proposed the project would discharge approximately 28,953 cubic yards of materials into ± 9.46 acres of wetlands. The applicant proposes to compensate for unavoidable wetland impacts that would result from this proposal by purchasing the appropriate credits from a Corps approved mitigation bank.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint 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 and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the

Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request 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 Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

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 unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistorical, historical sites, or data. Issuance of this public notice solicits input from the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

The Corps is unaware of any Endangered Species Act (ESA) listed species that may be adversely affected by the proposed activity. Our initial finding is that the proposed work would neither affect any ESA listed species nor affect any habitat designated as critical to the survival and recovery of any ESA listed species.

This notice initiates the EFH consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The proposal would result in temporary adverse impacts to N/A acres of EFH utilized by various life stages of red drum, blue crab and penaeid shrimp. Our initial determination is that the proposed action may have temporary adverse impacts on EFH or federally managed fisheries of 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 NMFS.

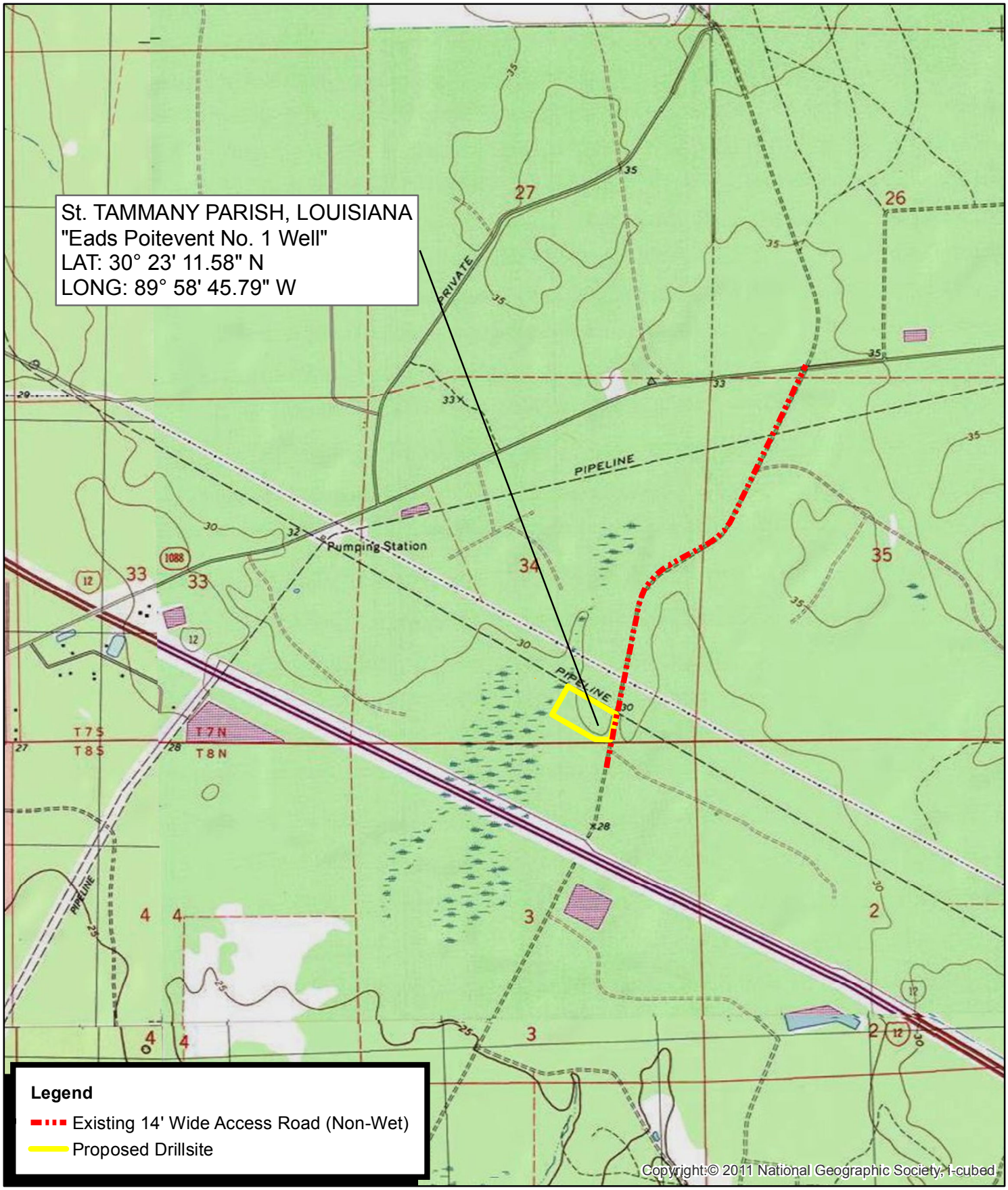
If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not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

Any person may request, in writing, 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.

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

Michael V. Farabee
Chief, Eastern Evaluation Section
Regulatory Branch

Attachments



VICINITY MAP

(NGS TOPO)
HELIS OIL & GAS COMPANY
PROPOSED DRILLSITE & STRUCTURES
Eads Poitevent No. 1 Well
Section 34, T7S - R12E
St. Tammany Parish, Louisiana
3/14/2014

FENSTERMAKER

N W E S

0 1,000 2,000 4,000 6,000 Feet

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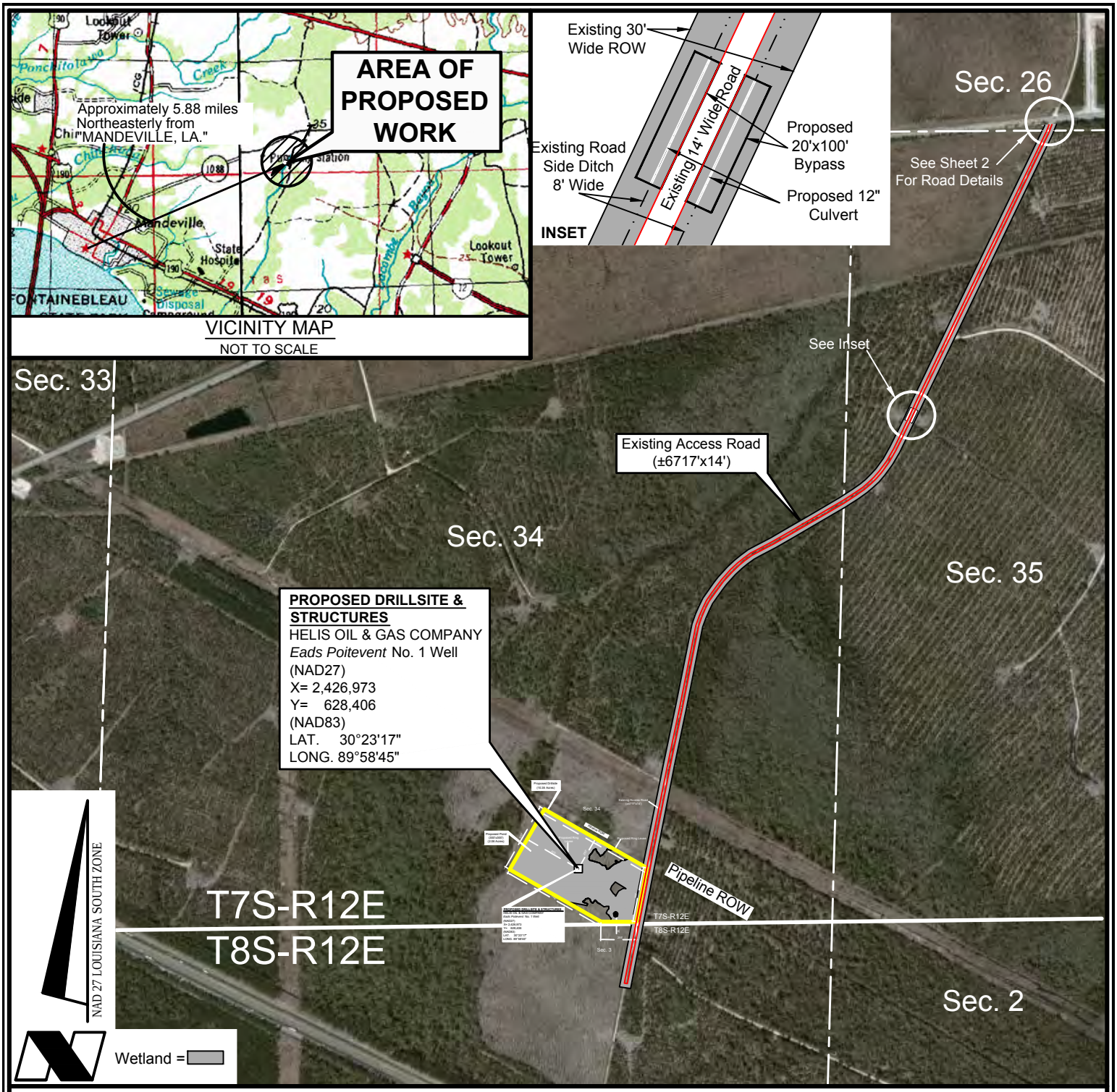

NOTE:
THE CONTENTS OF THESE PLANS ARE INTENDED EXCLUSIVELY FOR THE PURPOSE OF OBTAINING ENVIRONMENTAL COMPLIANCE PERMITS

VICINITY MAP

1000' 0 500' 1000'
Scale: 1" = 1000'

HELIS OIL & GAS COMPANY

PROPOSED DRILLSITE & STRUCTURES
Eads Poitevent No. 1 Well
Section 34, T7S-R12E
St. Tammany Parish, Louisiana

FENSTERMAKER
Lafayette New Orleans Houston
135 Regency Sq. Lafayette, LA 70508
Ph. 337-237-2200 Fax. 337-232-3299
www.fenstermaker.com

DRAWN BY: SC	REVISED: 3/14/2014 3/26/2014	DATE: 1/15/2014
PROJ. MGR.: RLL		SHEET 1 OF 4 SHEETS
FILENAME: T:2013\2130980\DWG\HELIS OIL & GAS_COE PLANS.dwg		

St. TAMMANY PARISH, LOUISIANA
"Eads Poitevent No. 1 Well"
LAT: 30° 23' 11.58" N
LONG: 89° 58' 45.79" W

1088

1088

1088

12

68

12

Loretta Dr.

12

Log Cabin Rd.

12

Legend

Existing 14' Wide Access Road (Non-Wet)

Proposed Drillsite

Image courtesy of USGS Earthstar Geographics SIO © 2014 Microsoft Corporation © 2010 NAVTEQ © AND

VICINITY MAP

(BING HYBRID)

HELIS OIL & GAS COMPANY
PROPOSED DRILLSITE & STRUCTURES
Eads Poitevent No. 1 Well
Section 34, T7S - R12E
St. Tammany Parish, Louisiana
3/14/2014

FENSTERMAKER

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0 1,000 2,000 4,000 6,000 Feet

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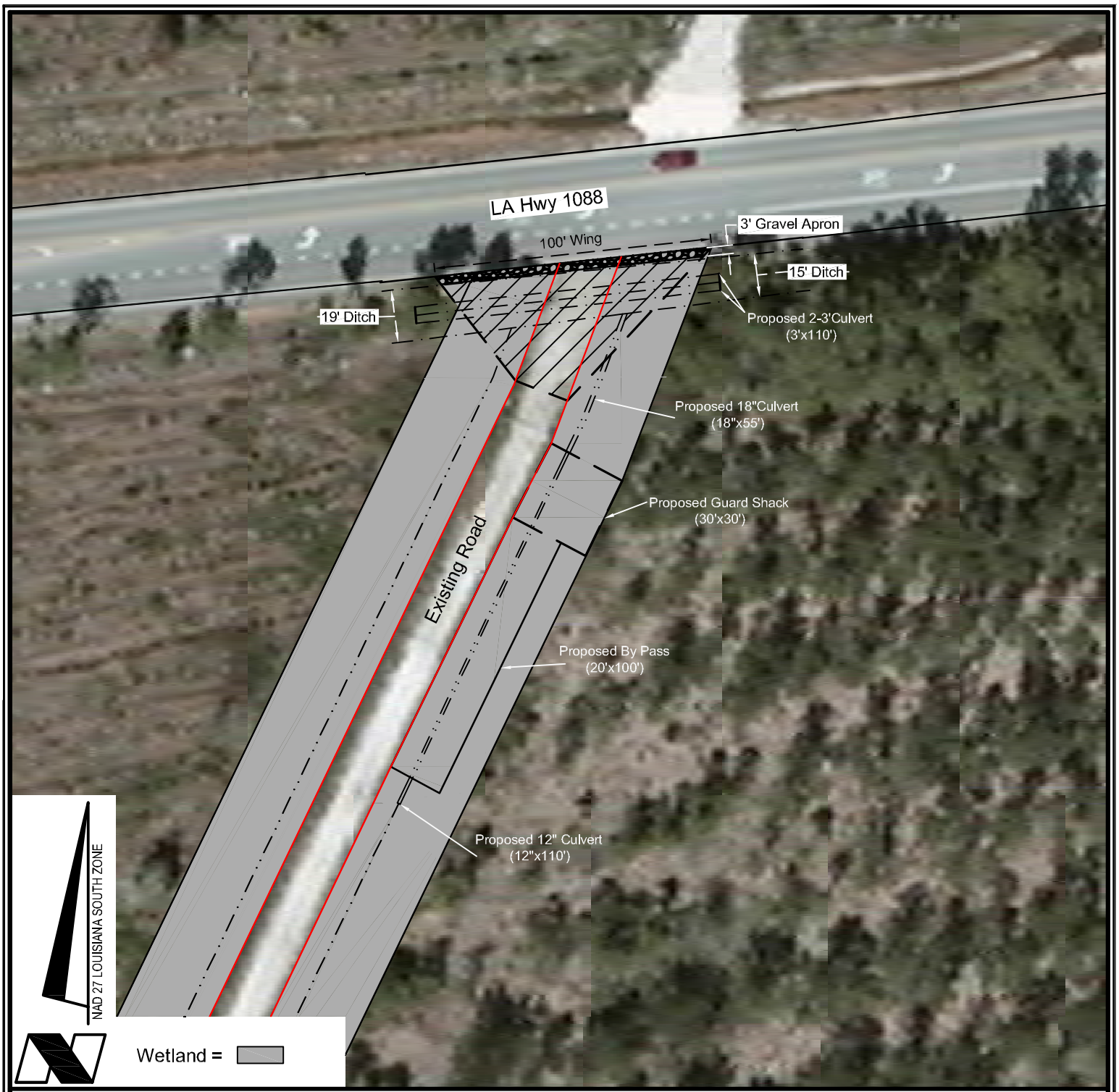

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PLAN VIEW

200' 0 100' 200'
Scale: 1" = 200'

HELIS OIL & GAS COMPANY

PROPOSED DRILLSITE & STRUCTURES

Eads Poitevent No. 1 Well

Section 34, T7S-R12E

St. Tammany Parish, Louisiana

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200' 0 100' 200'
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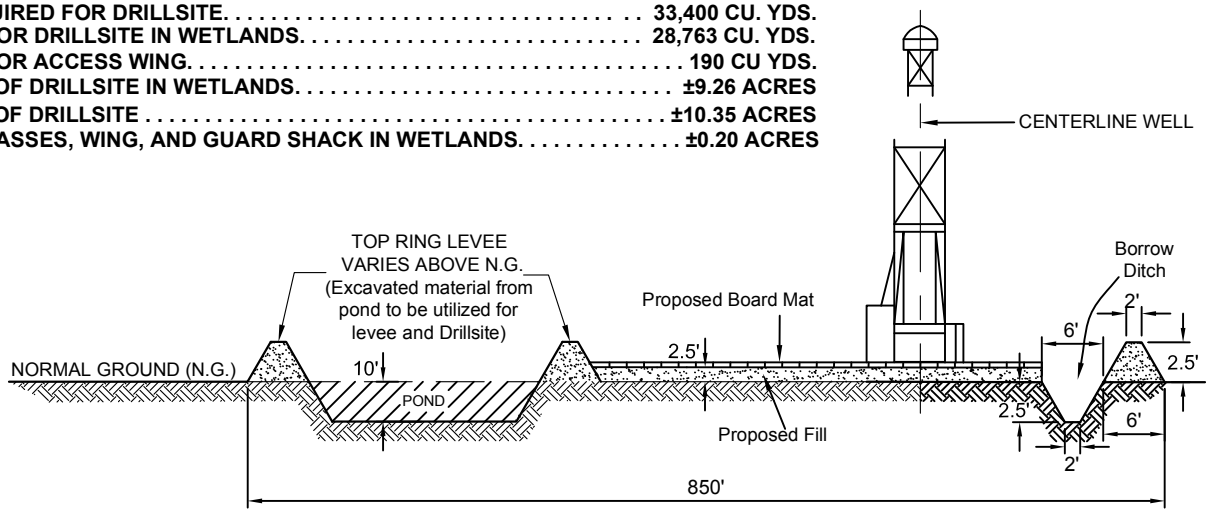
TOTAL FILL REQUIRED FOR DRILLSITE. . . . . 33,400 CU. YDS.
FILL REQUIRED FOR DRILLSITE IN WETLANDS. . . . . 28,763 CU. YDS.
FILL REQUIRED FOR ACCESS WING. . . . . 190 CU YDS.
TOTAL IMPACTS OF DRILLSITE IN WETLANDS. . . . . ±9.26 ACRES
TOTAL IMPACTS OF DRILLSITE . . . . . ±10.35 ACRES
IMPACTS OF BYPASSES, WING, AND GUARD SHACK IN WETLANDS. . . . . ±0.20 ACRES



TYPICAL CROSS-SECTION OF DRILLSITE

No Scale

NOTES:

1. Material for drillsite levees will be taken from within the leveed perimeter.
2. Closure procedures, including onshore 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.

3. All structures, facilities, well and pipelines/flowlines occurring in open water areas or in oilfield canals or slips shall be removed within 120 days of abandonment of the facilities for the herein permitted use unless prior written approval to leave such structures in place is received from the Coastal Management Division. This condition does not preclude the necessity for revising the current permit or obtaining a separate Coastal Use Permit, should one be required, for such

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.

NOTES - DRY HOLE SCENARIO

1. The boards will be removed from the access road and drill pad.
2. The drill site and ring levees will be degraded within 90 days following abandonment. The levee material will be deposited, to the maximum extent practicable, into the borrow areas from which the material was excavated and the area will be leveled to as near pre-project conditions as practicable.
3. The drill pad site will be allowed to naturally re-vegetate.

NOTES - PRODUCTIVE WELL SCENARIO

1. The boards will be removed from the drill site and access road. The drill site will be reduced to the minimum area required for production and rock/gravel or other suitable permitizing material will be deposited on the drill site and access road.
2. The ring levees will be degraded and the material will be deposited, to the maximum extent practicable, into the borrow areas from which the material was excavated and the area will be leveled to as near pre-project conditions as practicable.

NOTE:
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DISCLAIMER: At this time, C.H. Fenstermaker & Associates, LLC 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.

HELIS OIL & GAS COMPANY

PROPOSED DRILLSITE & STRUCTURES

Eads Poitevent No. 1 Well

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