

# JOINT PUBLIC NOTICE

January 7, 2019

United States Army Corps of Engineers  
New Orleans District  
Regulatory Branch  
7400 Leake Avenue  
New Orleans, Louisiana 70118

State of Louisiana  
Department of Environmental Quality  
Water Permits Division  
Post Office Box 4313  
Baton Rouge, Louisiana 70821-4313

(504) 862-1577  
Project Manager  
Patricia Clune  
[Patricia.R.Clune@usace.army.mil](mailto:Patricia.R.Clune@usace.army.mil)  
MVN 2018-01461-CE

(225) 219-3225  
Project Manager  
Elizabeth Hill  
WQC Application Number  
WQC #190103-01

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: [X ] 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, Water Permits Division, 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).

## **PROPOSED WELL PAD AND WELL INSTALLATION IN TERREBONNE PARISH**

**NAME OF APPLICANT:** Hilcorp Energy Company, c/o TRC Environmental, 8550 United Plaza Boulevard, Suite 502, Baton Rouge, Louisiana 70809.

**LOCATION OF WORK:** In tidal wetlands (Latitude: 29.442439, Longitude: -90.463539) near Montegut, Louisiana, in Terrebonne Parish, within the West Central Louisiana Coastal basin in hydrological unit (HUC 08090302), as shown on the attached drawings.

**CHARACTER OF WORK:** The applicant has requested a Department of the Army authorization to place approximately 13,983 cubic yards of material in wetlands for the construction of a 3.16 acre well pad, access road and appurtenant structures for the installation and maintenance of a proposed drill rig in the Cartwright Production Prospect. If the well is successful, two 4-inch flow lines will be installed to connect the well to two existing adjacent pipelines. The project will require the dredging and filling of 3.19 acres of tidal marsh habitat.

A Geologic Review meeting was held on August 28, 2018 and the proposed plan was determined to be the least environmental damaging practical alternative and the applicant has stated that the project has been designed to avoid and minimize direct and secondary adverse impacts to the maximum extent practicable. As compensation

for the unavoidable wetland impacts, the applicant proposes to mitigate in-kind wetland credits from a Corps approved mitigation bank located in the watershed.

The comment period for the Department of the Army Permit modification 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 modification 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.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

### **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. Copies of this notice are being sent to the State Archeologist and the State Historic Preservation Officer.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Interior. The New Orleans District has determined that the proposed project is located in waters known to be utilized by the West Indian Manatee (*Trichechus manatus*). Utilizing Standard Local Operating Procedure for Endangered Species in Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers, New Orleans and U.S. Fish and Wildlife Service, Ecological Services Office, the Corps has determined that with the inclusion of the Standard Manatee Conditions for In-Water Activities, proposed work is not likely to adversely affect the West Indian Manatee.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of up to 0 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 has been issued from the Department of Environmental Quality, Water Permits Division under permit number WQC-190103-01.

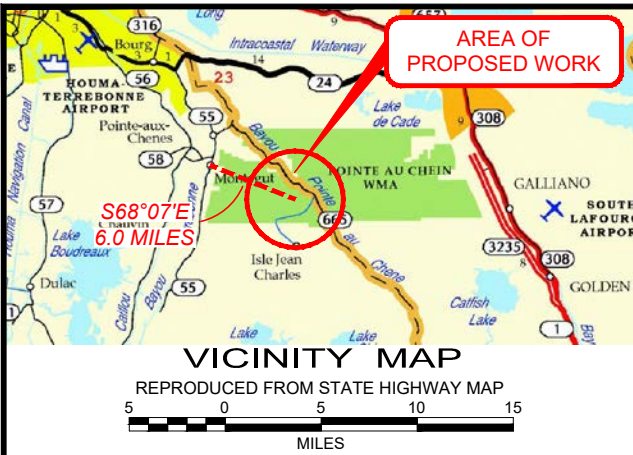
Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

The applicant has certified that the proposed activity described in the application complies with and will be conducted in a manner that is consistent with the Louisiana Coastal Resources Program (Louisiana Coastal Zone Application P20181177). The Department of the Army permit will not be issued unless the applicant received approval or a waiver of the Coastal Use Permit by the Department of Natural Resources.

For John M Herman  
Chief, Central Evaluation Section  
Regulatory Branch

Enclosure



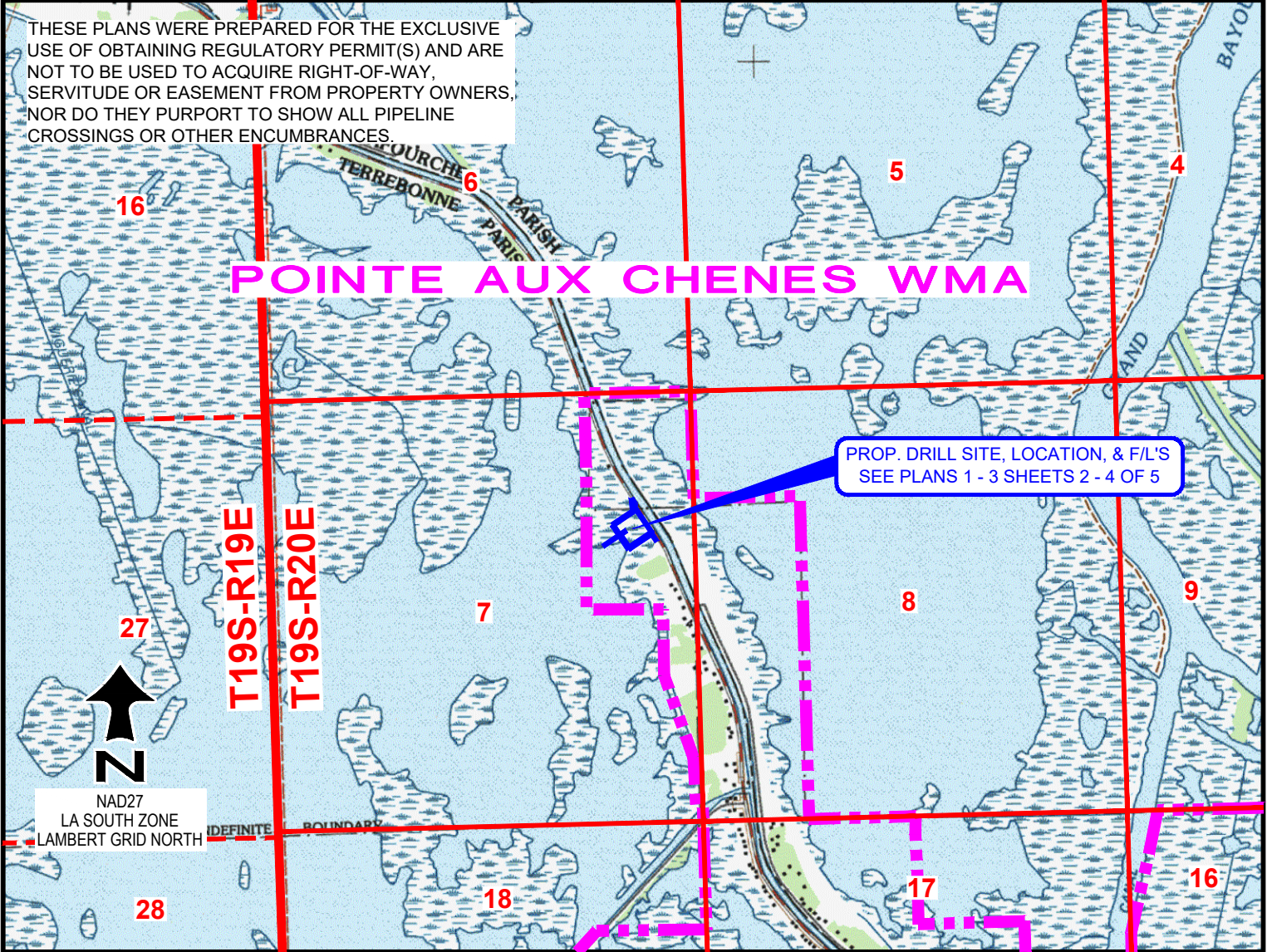


As-built drawings and/or plats shall have written on them the date of completion of said activities and shall be submitted to the Louisiana Department of Natural Resources, Office of Coastal Management, P.O. Box 44487, Baton Rouge, LA 70804-4487 within 30 days following project completion.

All structures built under the authorization and conditions of this permit shall be removed from the site within 120 days of abandonment of the facilities for the herein permitted use, or when these structures fall into a state of disrepair such that they can no longer function as intended. 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 removal activities.

Structures must also be marked / lighted in accordance with U.S Coast Guard regulations.

In order to ensure the safety of all parties, the permittee shall contact 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.



**LOCATION MAP**

REPRODUCED FROM USGS LAKE BULLY CAMP QUADRANGLE



**HILCORP ENERGY COMPANY**

1111 TRAVIS STREET  
HOUSTON, TEXAS 77002

**PROPOSED DRILL SITE, LOCATION, & F/L'S  
CARTWRIGHT PROSPECT**

Lirette Field  
Terrebonne Parish, Louisiana

PREPARED BY:



OCEANEERING INTERNATIONAL, INC.  
730 E. KALISTE SALOOM RD.  
LAFAYETTE, LA 70508  
(337) 210-0000  
LA Reg. No. 747

JOB: 186433

DRW: REP

DATE: OCTOBER 18, 2018

CKD: AO

APP: REP

**SHEET 1 of 5**

REV.  
**0**

DOC: 186433-OII-DRW-COE-001-01



UPON ABANDONMENT OF LOCATION WETLANDS WILL BE RESTORED AS NEAR TO PREPROJECT CONDITIONS AS PRACTICABLE.

APPROX. 15,092 CU. YDS. OF MATERIAL TO BE HAULED IN TO CONSTRUCT DRILL SITE & RING LEVEES.

A CLOSED LOOP SYSTEM WILL BE UTILIZED DURING DRILLING OPERATIONS.

**T19S-R20E**

**Sec. 7**

**Lafourche Ph.**  
**Terrebonne Ph.**

PROP. CULVERT  
24" X 100'

Proposed Access

Proposed Fill (+3.0')  
Average Fill = 3.0'  
483 cu.yds. 0.10 acres

Proposed Fill (+3.0')  
Average Fill = 3.0'  
13,500 cu.yds. 3.06 acres  
Ring Levees 1,109 cu.yds.

**DRILL PAD**  
AREA TO BE BOARDED  
(122,500 SQ. FT.)

DENOTES  
SINGLE PILE  
46 TOTAL

CHOKE  
SHAKER

PIPE RACKS, MUD LOGGING & COOLING UNIT

SUB. TANK  
D & D  
PUMP  
TANK

BRAND  
HOUSE  
ENGINE  
ENGINE  
ENGINE  
TANK

EIGHTEEN WHEELER TURN AROUND  
AREA FOR PERSONNEL PARKING AND

FIRE  
HYDRANT

TRAILER

TRAILER

TRAILER

TRAILER

HWY. 665

POWER LINE  
CLEARANCE ±17'

DISCOVERY 20"

PROPOSED LOCATION	
X=	3,557,688' (83)
Y=	343,785'
Lat=	29°26'32.78"N
Lon=	90°27'48.74"W
X=	2,276,887' (27)
Y=	283,079'

**PLAN VIEW 1**



NAD27  
LA SOUTH ZONE  
LAMBERT GRID NORTH



**HILCORP ENERGY COMPANY**  
1111 TRAVIS STREET  
HOUSTON, TEXAS 77002

**PROPOSED DRILL SITE, LOCATION, & F/L'S**  
**CARTWRIGHT PROSPECT**  
Lrette Field  
Terrebonne Parish, Louisiana

PREPARED BY:



OCEANEERING INTERNATIONAL, INC.  
730 E. KALISTE SALOOM RD.  
LAFAYETTE, LA 70508  
(337) 210-0000  
LA Reg. No. 747

JOB: 186433

DRW: REP

DATE: NOVEMBER 6, 2018

CKD: AO

APP: REP

**SHEET 2 of 5**

REV.  
**0**

DOC: 186433-OII-DRW-COE-002-01

PROP. 4" F/L "A"

COURSE	BEARING	DISTANCE
1	S56°10'08"W	353'

PROP. 4" F/L "B"

COURSE	BEARING	DISTANCE
2	S56°10'08"W	90'
3	S33°49'52"E	190'
4	N56°10'08"E	330'
5	S33°49'52"E	135'

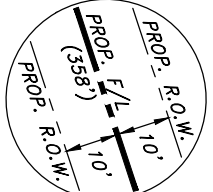
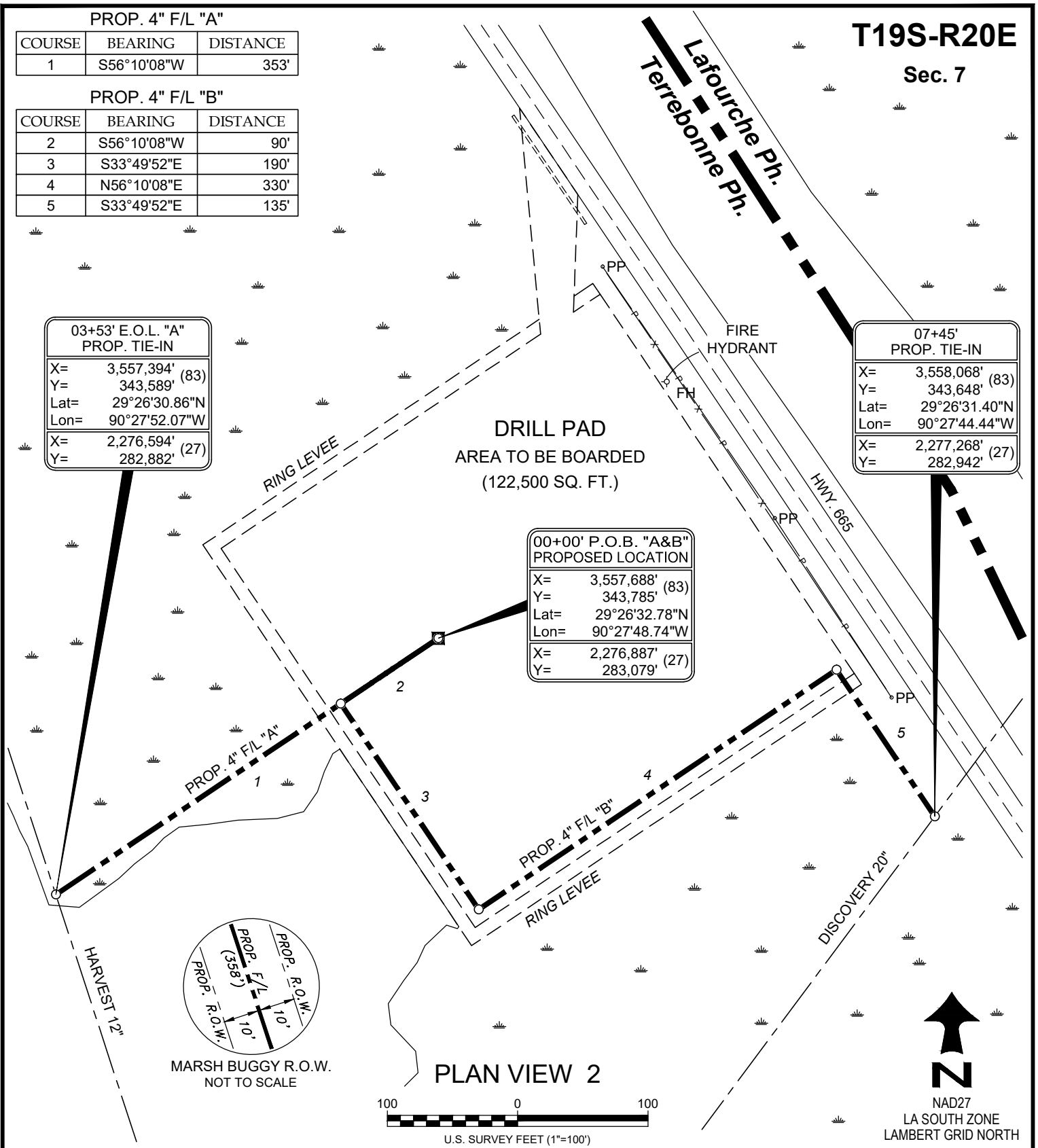
T19S-R20E

Sec. 7

03+53' E.O.L. "A" PROP. TIE-IN	
X=	3,557,394' (83)
Y=	343,589' (83)
Lat=	29°26'30.86"N
Lon=	90°27'52.07"W
X=	2,276,594' (27)
Y=	282,882' (27)

07+45' PROP. TIE-IN	
X=	3,558,068' (83)
Y=	343,648' (83)
Lat=	29°26'31.40"N
Lon=	90°27'44.44"W
X=	2,277,268' (27)
Y=	282,942' (27)

00+00' P.O.B. "A&B" PROPOSED LOCATION	
X=	3,557,688' (83)
Y=	343,785' (83)
Lat=	29°26'32.78"N
Lon=	90°27'48.74"W
X=	2,276,887' (27)
Y=	283,079' (27)



NAD27  
LA SOUTH ZONE  
LAMBERT GRID NORTH

PLAN VIEW 2



**HILCORP ENERGY COMPANY**  
1111 TRAVIS STREET  
HOUSTON, TEXAS 77002

**PROPOSED DRILL SITE, LOCATION, & F/L'S  
CARTWRIGHT PROSPECT**  
Lrette Field  
Terrebonne Parish, Louisiana

PREPARED BY:



OCEANEERING INTERNATIONAL, INC.  
730 E. KALISTE SALOOM RD.  
LAFAYETTE, LA 70508  
(337) 210-0000  
LA Reg. No. 747

JOB: 186433

DRW: REP

DATE: OCTOBER 18, 2018

CKD: AO

APP: REP

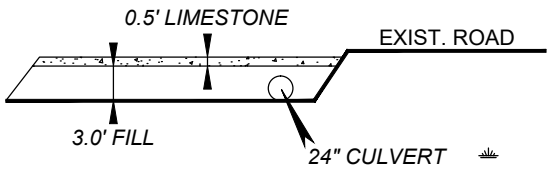
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**SHEET 3 of 5**

REV.  
**0**

T19S-R20E

Sec. 7



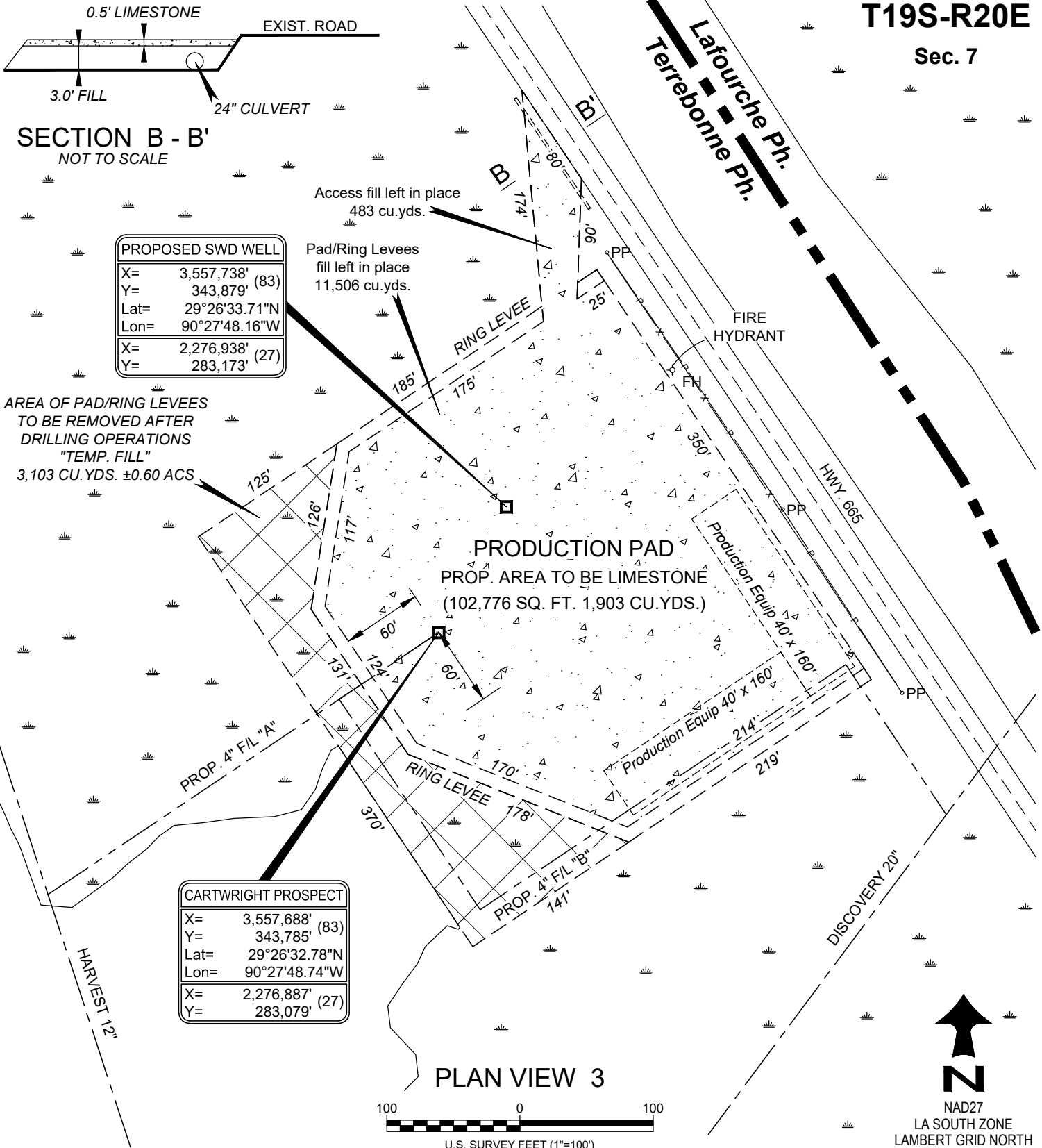
SECTION B - B'  
NOT TO SCALE

PROPOSED SWD WELL	
X=	3,557,738' (83)
Y=	343,879'
Lat=	29°26'33.71"N
Lon=	90°27'48.16"W
X=	2,276,938' (27)
Y=	283,173'

Access fill left in place  
483 cu.yds.

Pad/Ring Levees  
fill left in place  
11,506 cu.yds.

AREA OF PAD/RING LEVEES  
TO BE REMOVED AFTER  
DRILLING OPERATIONS  
"TEMP. FILL"  
3,103 CU.YDS. ±0.60 ACS



CARTWRIGHT PROSPECT	
X=	3,557,688' (83)
Y=	343,785'
Lat=	29°26'32.78"N
Lon=	90°27'48.74"W
X=	2,276,887' (27)
Y=	283,079'

PLAN VIEW 3



NAD27  
LA SOUTH ZONE  
LAMBERT GRID NORTH



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PROPOSED DRILL SITE, LOCATION, & F/L'S  
CARTWRIGHT PROSPECT

Lirette Field  
Terrebonne Parish, Louisiana

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JOB: 186433

DRW: REP

DATE: NOVEMBER 14, 2018

CKD: AO

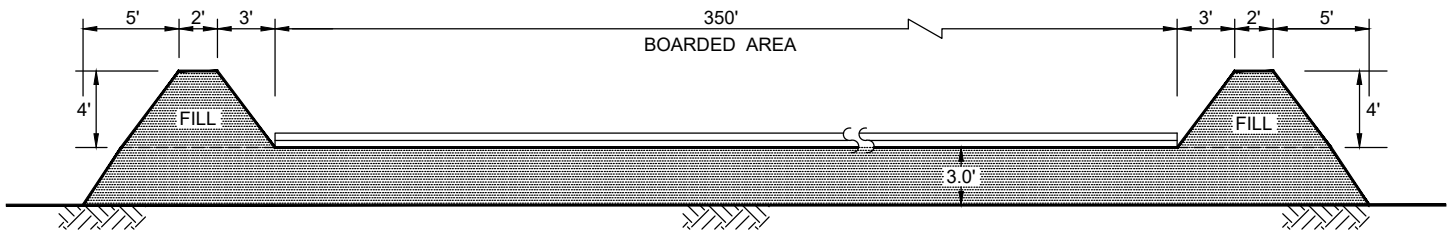
APP: REP

DOC: 186433-OII-DRW-COE-004-01

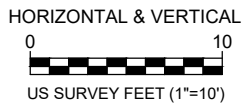
SHEET 4 of 5

REV.  
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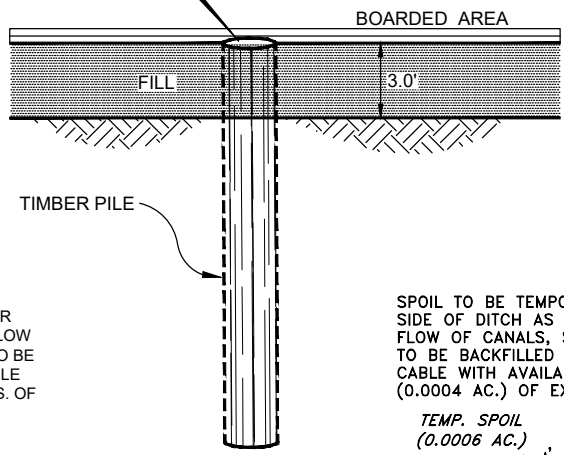


**SECTION A - A'**



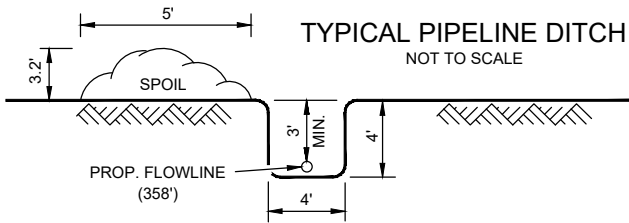
TIMBER PILE TO BE DRIVEN TO REFUSAL. THEN CUT OFF FLUSH WITH TOP OF FILL AREA.

**TYPICAL PILE**  
NOT TO SCALE

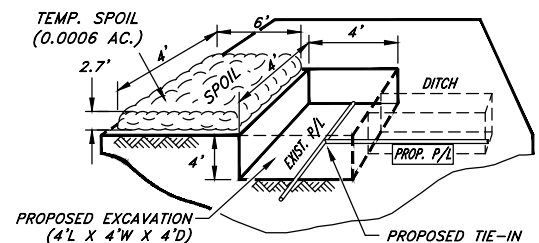


SPOIL TO BE TEMPORARILY STOCKPILED ON EITHER SIDE OF DITCH AS NOT TO INTERFERE WITH THE FLOW OF CANALS, SLOUGHS, & BAYOUS, ETC. DITCH IS TO BE BACKFILLED TO THE MAXIMUM EXTENT PRACTICABLE WITH AVAILABLE MATERIALS. APPROX. 212 CU. YDS. OF EXCAVATION REQUIRED FOR PIPE DITCH.

SPOIL TO BE TEMPORARILY STOCKPILED ON EITHER SIDE OF DITCH AS NOT TO INTERFERE WITH THE FLOW OF CANALS, SLOUGHS, & BAYOUS, ETC. DITCH IS TO BE BACKFILLED TO THE MAXIMUM EXTENT PRACTICABLE WITH AVAILABLE MATERIALS. APPROX. 2.4 CU. YDS. (0.0004 AC.) OF EXCAVATION REQUIRED FOR TIE IN

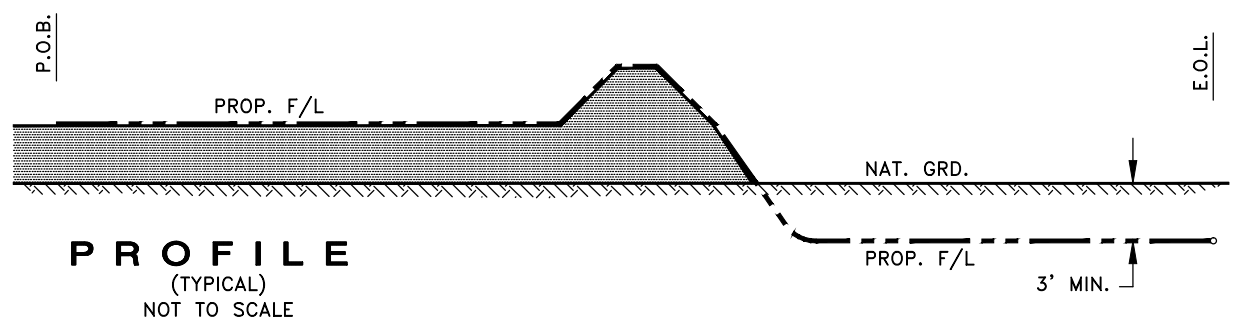


**TYPICAL PIPELINE DITCH**  
NOT TO SCALE



**TYPICAL TIE IN**

NOT TO SCALE



**PROFILE**  
(TYPICAL)  
NOT TO SCALE



**HILCORP ENERGY COMPANY**  
1111 TRAVIS STREET  
HOUSTON, TEXAS 77002

**PROPOSED DRILL SITE, LOCATION, & F/L'S**  
**CARTWRIGHT PROSPECT**  
Lirette Field  
Terrebonne Parish, Louisiana

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DRW: REP

DATE: NOVEMBER 6, 2018

CKD: AO

APP: REP

**SHEET 5 of 5**

DOC: 186433-OII-DRW-COE-002-01

REV.  
**0**