

# JOINT PUBLIC NOTICE

May 30, 2016

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

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

(504) 862-2675  
Project Manager  
Jamie Crowe  
Jamie.M.Crowe@usace.army.mil  
Permit Application Number  
MVN 2016-00190 CO

(225) 219-3225  
Project Manager  
Elizabeth Hill  
  
WQC Application Number  
WQC 160523-02

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 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, Office of Environmental Services, 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).

## **DREDGING FOR ACCESS AND WELL LOCATION IN TERREBONNE PARISH**

**NAME OF APPLICANT:** Apache Corporation, c/o T. Baker Smith, 107 Global Circle, Lafayette, LA 70503

**LOCATION OF WORK:** Within the Terrebonne Basin, in the West-Central Louisiana Coastal hydrologic unit (HUC 08090302); T17S-R15E, Sections 32, 33, 34, 41, and 42; beginning at the Gulf Intracoastal Waterway and ending in Northwest Gibson Field, approximately 14 miles south of Morgan City, Louisiana, in Terrebonne Parish.

**CHARACTER OF WORK:** Apache Corporation proposes to drill the Bagby 32-1 well location. To access the site, approximately 7,825 linear feet of open water will be dredged with a bucket dredge to obtain suitable depths for access. An additional 787 linear feet will be propwashed near the Gulf Intracoastal Waterway. Approximately 1.2 acres and 14.1 acres of non-vegetated waterbottoms will be impacted by propwashing and bucket dredging, respectively. The spoil material will be spread over 8,917 linear feet at heights conducive to marsh establishment, which will impact 11.1 acres of open water. Due to the lack of impacts to vegetated wetlands, mitigation will likely not be required.

Should it be determined that mitigation is needed, the applicant proposes to purchase wetland credits from a Corps approved mitigation bank located in the watershed.

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

### **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 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 Commerce.

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*) and determined that the proposed activity is not likely to adversely affect the species, based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office. If this permit modification is issued, the *Standard Manatee Conditions for In-Water Activities* will be included in the authorization.

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 **26.4** 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 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.

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. 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.

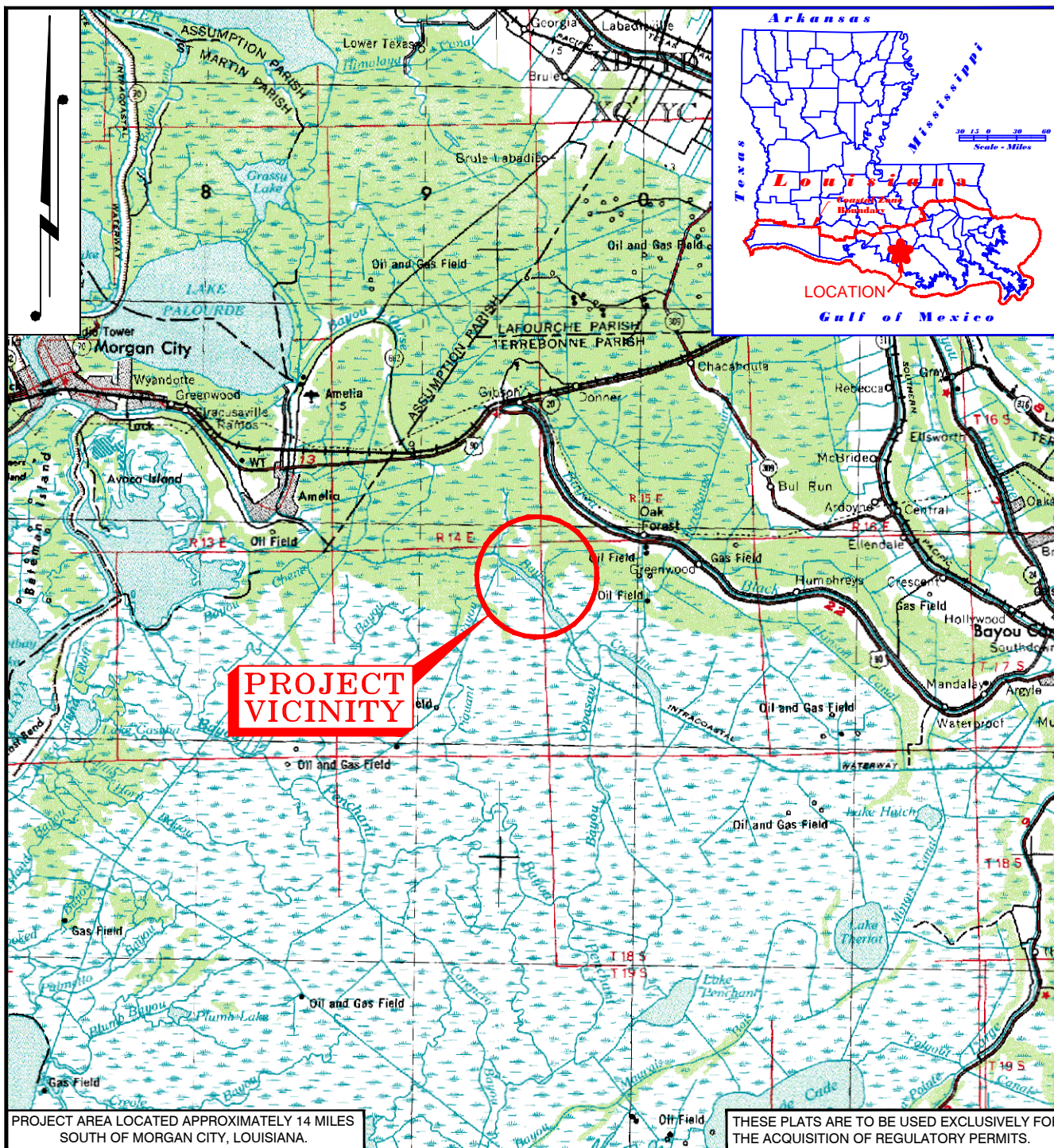
You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

John M. Herman  
Chief, Central Evaluation Section  
Regulatory Branch

Enclosure



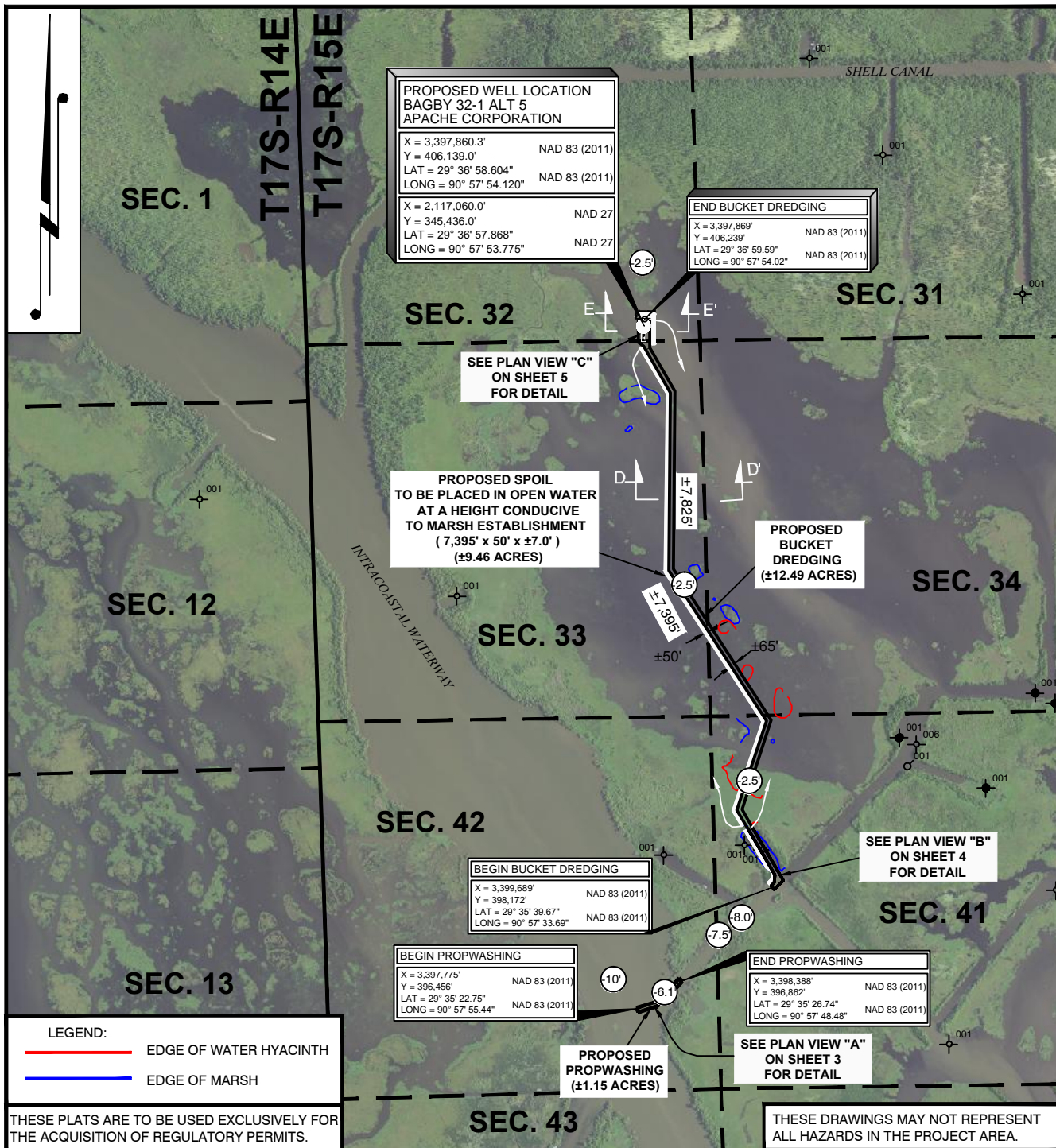
5/2/2016 11:51 AM - P:\Y-2015\2015.0787\DWG\COE ALT 5\REV2\20150787\_C1\_REV2.DWG



DRAWN BY: RRB		APPROVED BY: LLS		<b>VICINITY MAP</b> <b>APACHE CORPORATION</b> <b>PROPOSED WELL LOCATION, CLEANOUT &amp; STRUCTURES</b> <b>FOR THE BAGBY 32-1 PROSPECT</b> <b>LOCATED IN SEC. 32,33,34, 41, &amp; 42, T17S-R15E</b> <b>NORTHWEST GIBSON FIELD</b> <b>TERREBONNE PARISH, LOUISIANA</b>	
DATE: 12/28/15		JOB NO: 2015.0787			
DRAWING NAME: 20150787_C1_REV2.DWG					
SHEET NO: 1 OF 9					
PROJECTION: LOUISIANA SOUTH GEO. DATUM: HARN   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET				REV. NO: 2   REV. DATE: 04/27/16   REV. BY: RRB	
SCALE: 1" = 4 MILES 4 MI 2 MI 0' 4 MI				<b>T. BAKER SMITH</b> SOLUTIONS START HERE 107 Global Circle, Lafayette, LA 70503 (337) 735-2800 - tb-smith.com	
REVISION DESCRIPTION: REVISED SURFACE LOCATION					



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## AREA MAP

**APACHE CORPORATION**  
PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES  
FOR THE BAGBY 32-1 PROSPECT  
LOCATED IN SEC. 32,33,34,41, & 42, T17S-R15E  
NORTHWEST GIBSON FIELD  
TERREBONNE PARISH, LOUISIANA

SCALE: 1" = 2000'

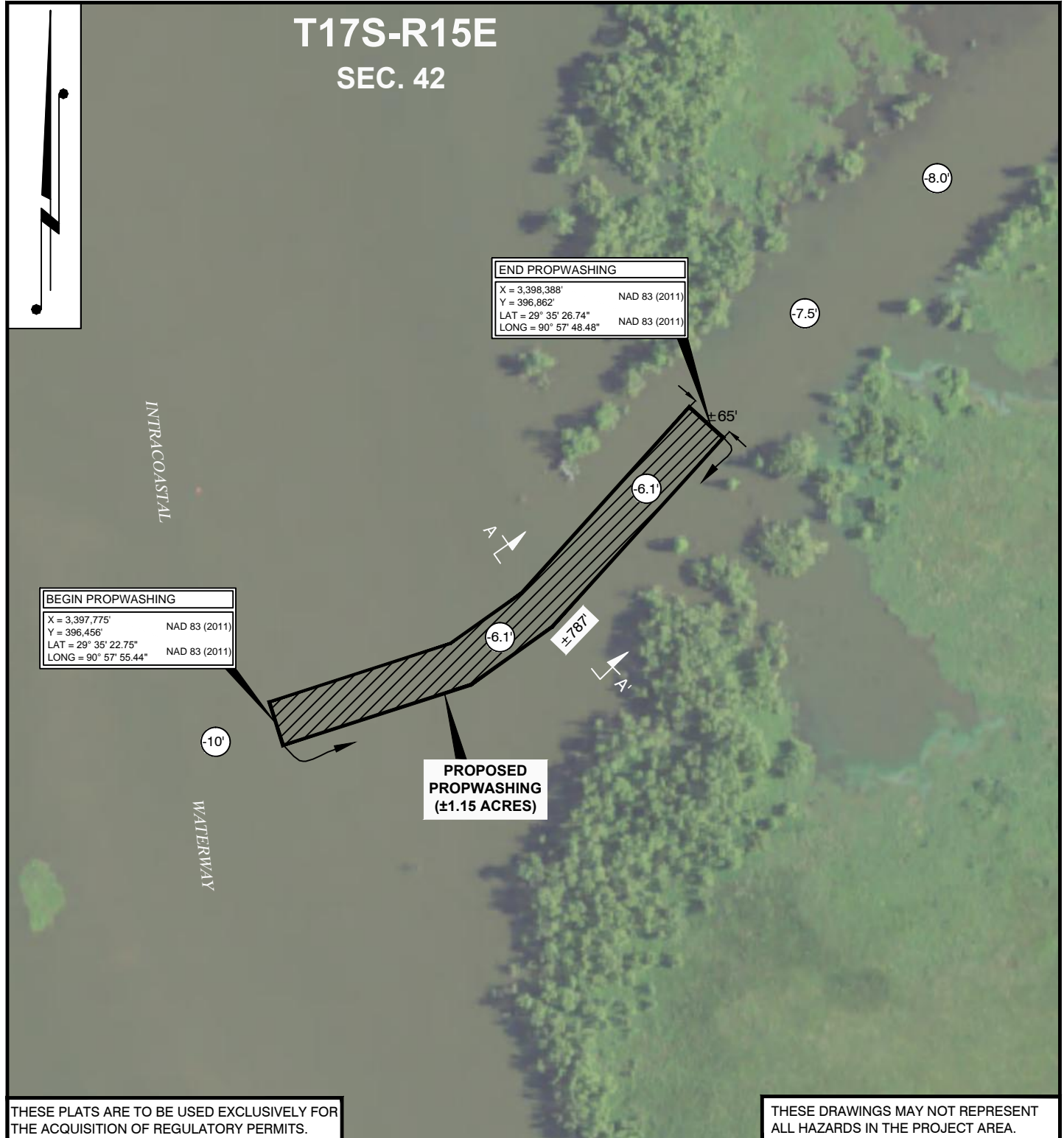
2000' 1000' 0' 2000'



REV. NO: 2 REV. DATE: 04/27/16 REV. BY: RRB

REVISION DESCRIPTION:  
REVISED SURFACE LOCATION

# T17S-R15E SEC. 42



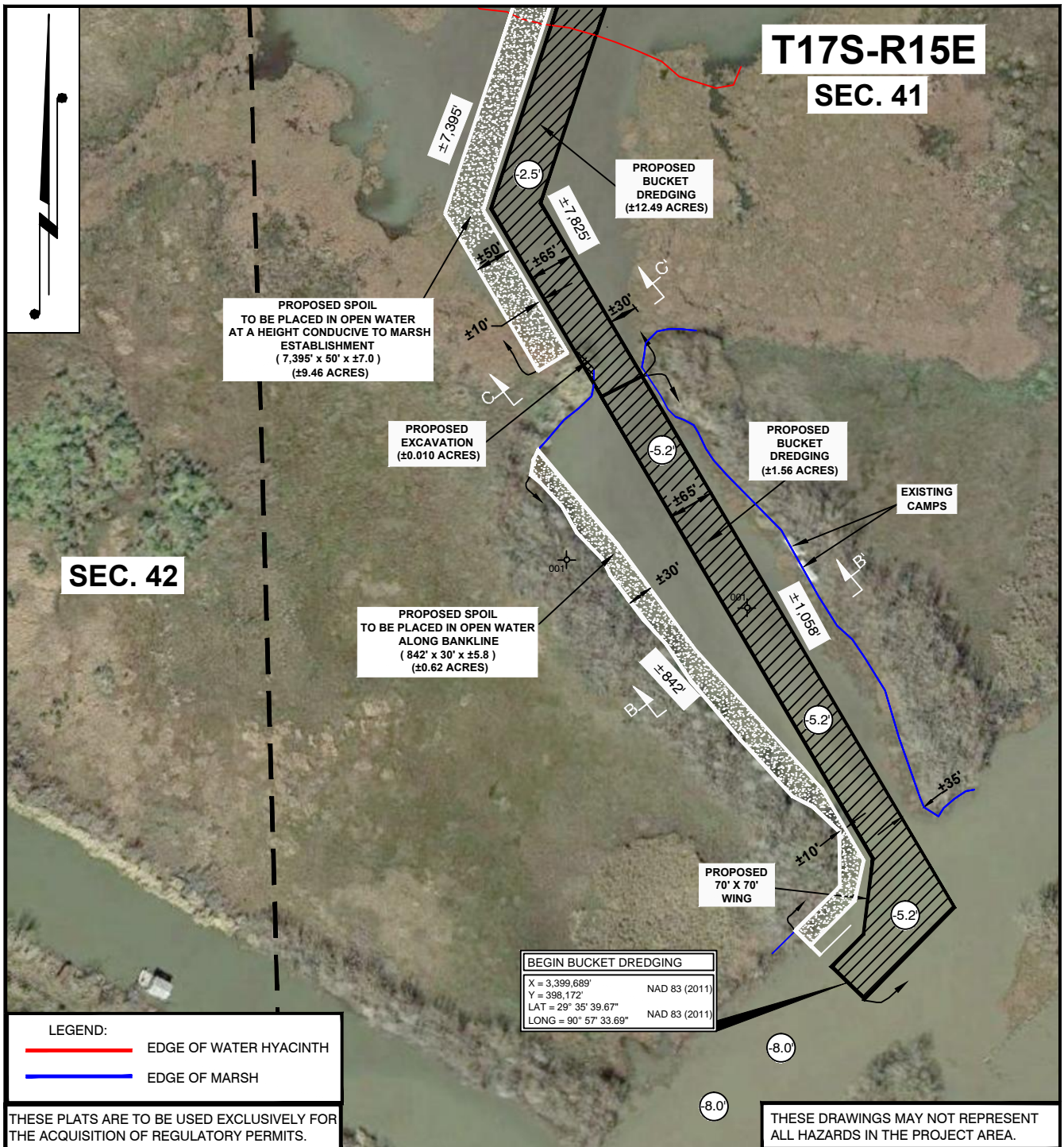
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.

THESE DRAWINGS MAY NOT REPRESENT ALL HAZARDS IN THE PROJECT AREA.

DRAWN BY: RRB		APPROVED BY: LLS		<b>PLAN VIEW "A"</b> <b>APACHE CORPORATION</b> PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES FOR THE BAGBY 32-1 PROSPECT LOCATED IN SEC. 32,33,34,41, & 42, T17S-R15E NORTHWEST GIBSON FIELD TERREBONNE PARISH, LOUISIANA	
DATE: 12/28/15		JOB NO: 2015.0787			
DRAWING NAME: 20150787_C3_REV2.DWG					
SHEET NO: 3 OF 9					
PROJECTION: LOUISIANA SOUTH GEO. DATUM: HARN   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET				SCALE: 1" = 200' 	
				REV. NO: 2    REV. DATE: 04/27/16    REV. BY: RRB	
REVISION DESCRIPTION: REVISED SURFACE LOCATION					



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DRAWN BY: RRB		APPROVED BY: LLS		<b>PLAN VIEW "B"</b> <b>APACHE CORPORATION</b> PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES FOR THE BAGBY 32-1 PROSPECT LOCATED IN SEC. 32,33,34,41, & 42, T17S-R15E NORTHWEST GIBSON FIELD TERREBONNE PARISH, LOUISIANA	
DATE: 12/28/15		JOB NO: 2015.0787			
DRAWING NAME: 20150787_C4_REV2.DWG					
SHEET NO: 4 OF 9					
PROJECTION: LOUISIANA SOUTH GEO. DATUM: HARN   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET					
SCALE: 1" = 200'				REV. NO: 2   REV. DATE: 04/27/16   REV. BY: RRB	
200' 100' 0' 200'				REVISION DESCRIPTION: REVISED SURFACE LOCATION	





# T17S-R15E SEC. 32

**PROPOSED WELL LOCATION  
BAGBY 32-1 ALT 5  
APACHE CORPORATION**

X = 3,397,860.3' NAD 83 (2011)  
Y = 406,139.0' NAD 83 (2011)  
LAT = 29° 36' 58.604" NAD 83 (2011)  
LONG = 90° 57' 54.120" NAD 83 (2011)

X = 2,117,060.0' NAD 27  
Y = 345,436.0' NAD 27  
LAT = 29° 36' 57.868" NAD 27  
LONG = 90° 57' 53.775" NAD 27

**END BUCKET DREDGING**

X = 3,397,869' NAD 83 (2011)  
Y = 406,239' NAD 83 (2011)  
LAT = 29° 36' 59.59" NAD 83 (2011)  
LONG = 90° 57' 54.02" NAD 83 (2011)

**PROPOSED SPOIL  
TO BE PLACED IN OPEN WATER  
AT A HEIGHT CONDUCTIVE TO  
MARSH ESTABLISHMENT  
(±0.97 ACRES)**

**PROPOSED SPOIL  
TO BE PLACED IN OPEN WATER  
AT A HEIGHT CONDUCTIVE TO  
MARSH ESTABLISHMENT  
(7,395' x 50' ±7.0')  
(±9.46 ACRES)**

**PROPOSED  
90' x 90'  
WING**

DRILLING RIG

SEC. 33

THESE PLATS ARE TO BE USED EXCLUSIVELY FOR  
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DATE: 12/16/15 JOB NO: 2015.0787

DRAWING NAME: 20150787\_C5\_REV2.DWG

SHEET NO: 5 OF 9

PROJECTION: LOUISIANA SOUTH  
GEO. DATUM: HARN | VERT. DATUM: NAVD88  
GRID UNITS: US SURVEY FEET

SCALE: 1" = 100'

100' 50' 0' 100'

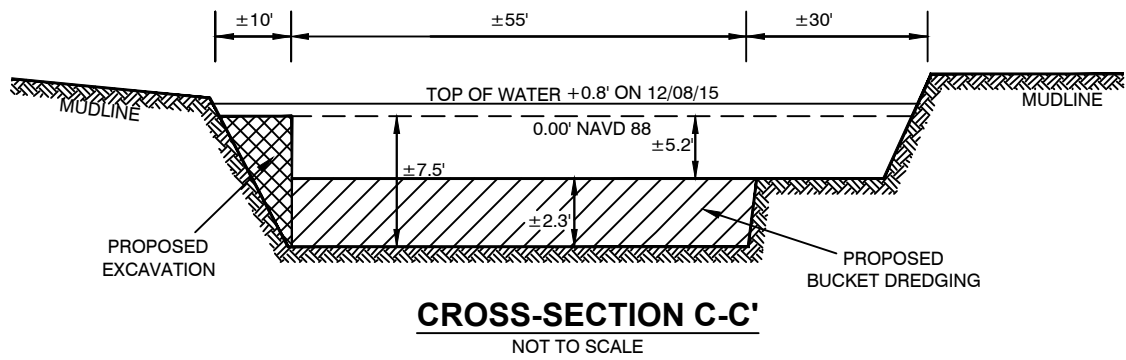
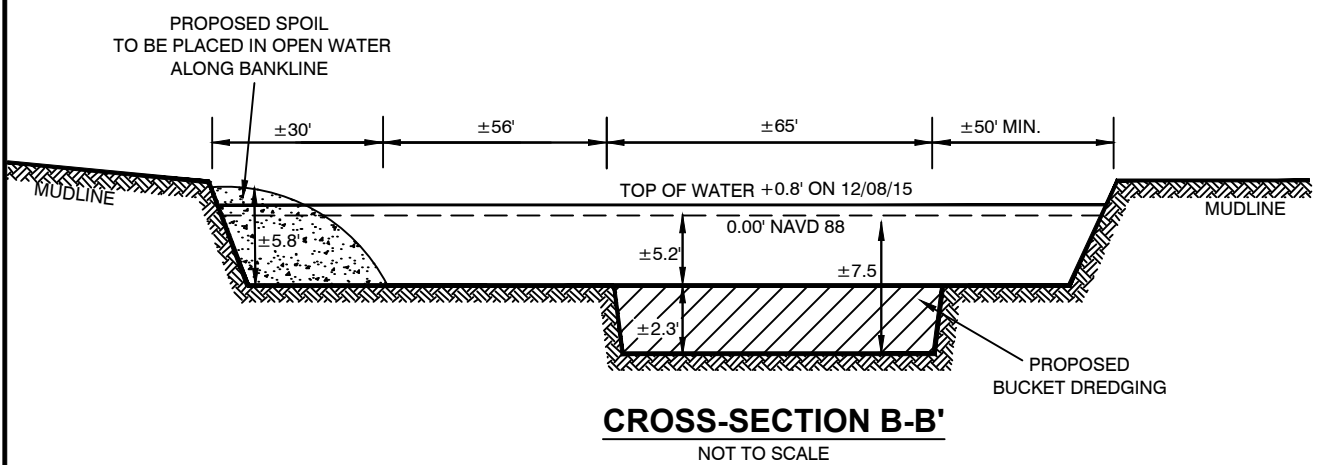
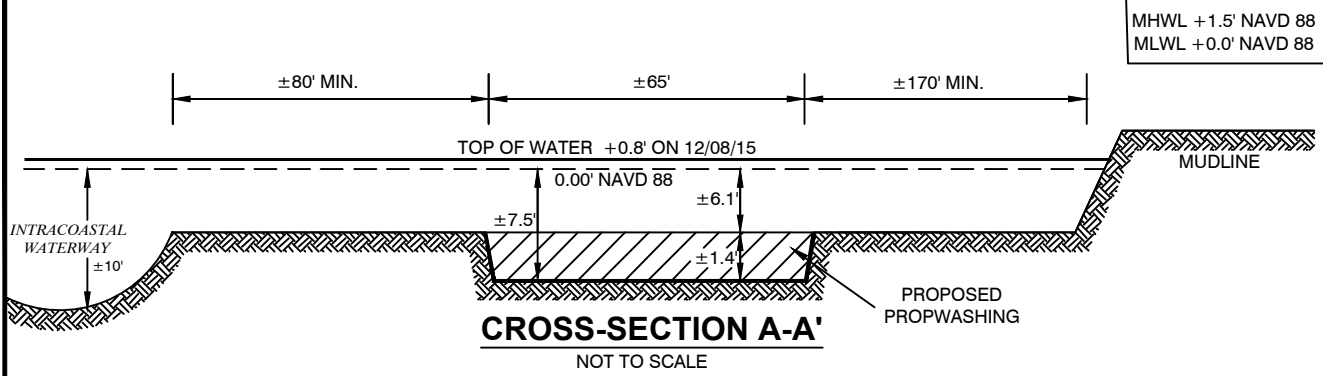


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REVISION DESCRIPTION:  
REVISED SURFACE LOCATION

## PLAN VIEW "C"

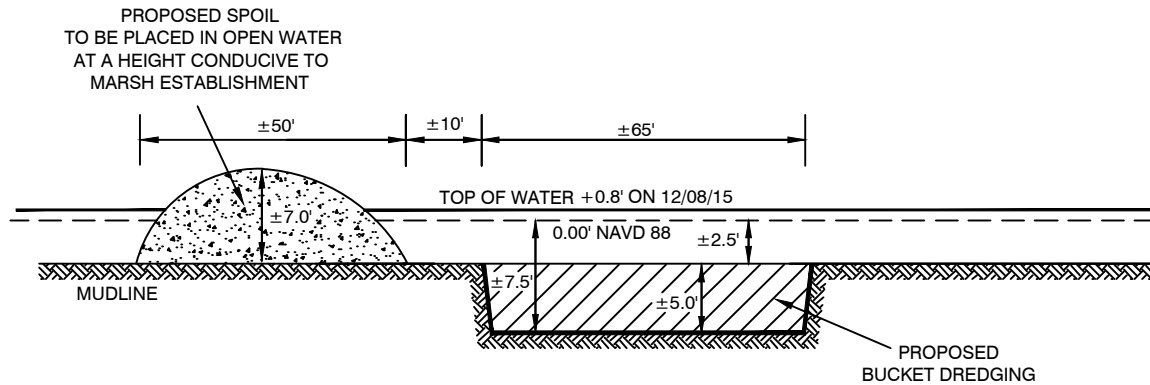
**APACHE CORPORATION**  
PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES  
FOR THE BAGBY 32-1 PROSPECT  
LOCATED IN SEC. 32,33,34, 41, & 42, T17S-R15E  
NORTHWEST GIBSON FIELD  
TERREBONNE PARISH, LOUISIANA



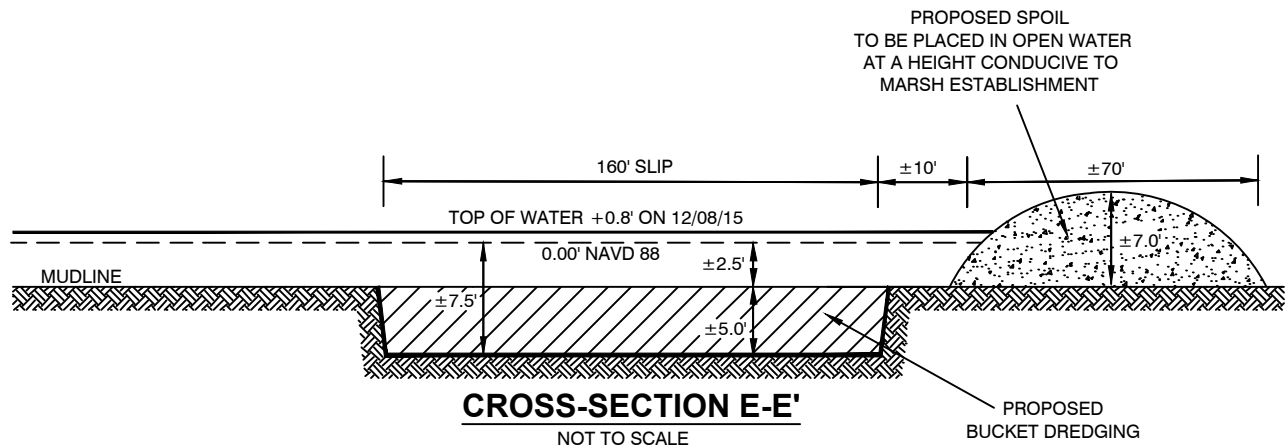
THESE PLATS ARE TO BE USED EXCLUSIVELY FOR THE ACQUISITION OF REGULATORY PERMITS.				THESE DRAWINGS MAY NOT REPRESENT ALL HAZARDS IN THE PROJECT AREA.							
DRAWN BY: RRB		APPROVED BY: LLS		<div>CROSS-SECTIONS</div> <div>APACHE CORPORATION</div> <div>PROPOSED WELL LOCATION, CLEANOUT &amp; STRUCTURES</div> <div>FOR THE BAGBY 32-1 PROSPECT</div> <div>LOCATED IN SEC. 32,33,34, 41, &amp; 42, T17S-R15E</div> <div>NORTHWEST GIBSON FIELD</div> <div>TERREBONNE PARISH, LOUISIANA</div>							
DATE: 12/16/15		JOB NO: 2015.0787									
DRAWING NAME: 20150787_C5_REV2.DWG											
SHEET NO: 6 OF 9											
PROJECTION: LOUISIANA SOUTH GEO. DATUM: HARN   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET											
NOT TO SCALE				<div><div>T. BAKER SMITH</div><div>SOLUTIONS START HERE</div><div>107 Global Circle, Lafayette, LA 70503</div><div>(337) 735-2800 - tbsmith.com</div></div>		REV. NO: 2		REV. DATE: 04/27/16		REV. BY: RRB	
						REVISION DESCRIPTION: REVISED SURFACE LOCATION					

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MHWL +1.5' NAVD 88  
MLWL +0.0' NAVD 88



**CROSS-SECTION D-D'**  
NOT TO SCALE



**CROSS-SECTION E-E'**  
NOT TO SCALE

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DRAWN BY: RRB APPROVED BY: LLS

DATE: 12/16/15 JOB NO: 2015.0787

DRAWING NAME: 20150787\_C5\_REV2.DWG

SHEET NO: 7 OF 9

PROJECTION: LOUISIANA SOUTH  
GEO. DATUM: HARN | VERT. DATUM: NAVD88  
GRID UNITS: US SURVEY FEET

NOT TO SCALE

## CROSS-SECTIONS

**APACHE CORPORATION**  
PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES  
FOR THE BAGBY 32-1 PROSPECT  
LOCATED IN SEC. 32,33,34, 41, & 42, T17S-R15E  
NORTHWEST GIBSON FIELD  
TERREBONNE PARISH, LOUISIANA



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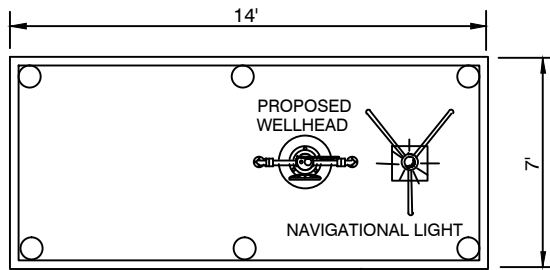
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REVISION DESCRIPTION:  
REVISED SURFACE LOCATION

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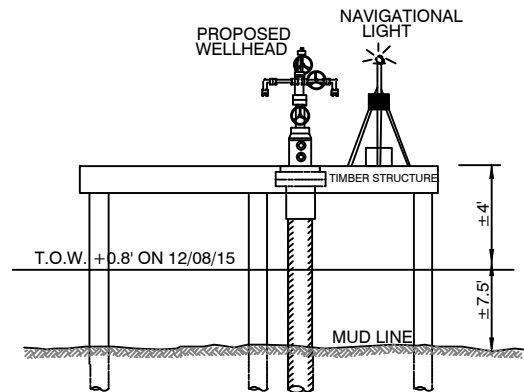


MHWL +1.5' NAVD 88  
MLWL +0.0' NAVD 88



**TOP VIEW**  
NOT TO SCALE

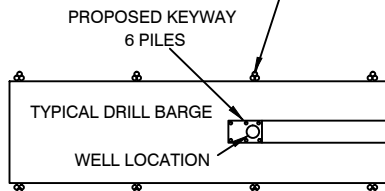
PROPOSED  
WELL PROTECTION  
STRUCTURE



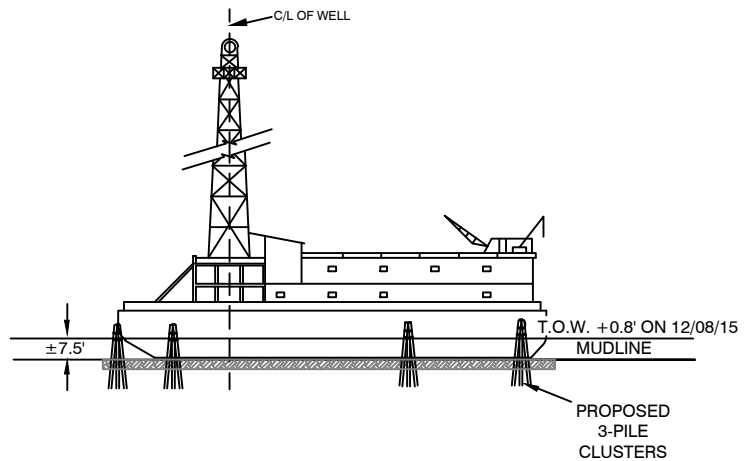
**SIDE VIEW**  
NOT TO SCALE

## TYPICAL WELL HEAD PROTECTOR

8 TEMPORARY 3 PILE CLUSTER TO BE DRIVEN THEN  
PULLED WHEN PERMANENT WELL GUARD  
IS INSTALLED.



**PLAN**  
NOT TO SCALE



**TYPICAL DRILLING BARGE PROFILE**  
NOT TO SCALE

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DRAWN BY:	RRB	APPROVED BY:	LLS
DATE:	12/16/15	JOB NO:	2015.0787
DRAWING NAME:	20150787_C5_REV2.DWG		
SHEET NO:	8	OF	9
PROJECTION: LOUISIANA SOUTH GEO. DATUM: HARN   VERT. DATUM: NAVD88 GRID UNITS: US SURVEY FEET			

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**T. BAKER SMITH**  
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## TYPICALS

**APACHE CORPORATION**  
PROPOSED WELL LOCATION, CLEANOUT & STRUCTURES  
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LOCATED IN SEC. 32,33,34, 41, & 42, T17S-R15E  
NORTHWEST GIBSON FIELD  
TERREBONNE PARISH, LOUISIANA

REV. NO:	2	REV. DATE:	04/26/16	REV. BY:	RRB
REVISION DESCRIPTION: REVISED SURFACE LOCATION					

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