

## APPROVED JURISDICTIONAL DETERMINATION FORM

### U.S. Army Corps of Engineers

To view the unedited version of the form go to: <http://www.mvn.usace.army.mil/regulatory/finalform.htm>.

This form should be completed by following the instructions provided in Section IV of the JD Form Instructional Guidebook.

#### SECTION I: BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR APPROVED JURISDICTIONAL DETERMINATION (JD): **OCT 16 2015**

B. DISTRICT OFFICE, FILE NAME, AND NUMBER: MVN-2015-01968-SJ

#### C. PROJECT LOCATION AND BACKGROUND INFORMATION:

State: Louisiana County/parish/borough: LaFourche City: St. Charles  
Center coordinates of site (lat/long in degree decimal format): Lat. 29.74964° N, Long. -90.72770° W.  
Universal Transverse Mercator:

Name of nearest waterbody: Bayou Lafourche

Name of nearest Traditional Navigable Water (TNW) into which the aquatic resource flows: Bayou Lafourche

Name of watershed or Hydrologic Unit Code (HUC): 08090302 West Central Louisiana Coast

☒ Check if map/diagram of review area and/or potential jurisdictional areas is/are available upon request.

☐ Check if other sites (e.g., offsite mitigation sites, disposal sites, etc...) are associated with this action and are recorded on a different JD form.

#### D. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: 9/29/2015

☐ Field Determination. Date(s):

#### SECTION II: SUMMARY OF FINDINGS

##### A. RHA SECTION 10 DETERMINATION OF JURISDICTION.

There are no "navigable waters of the U.S." within Rivers and Harbors Act (RHA) jurisdiction (as defined by 33 CFR part 329) in the review area. [Required]

##### B. CWA SECTION 404 DETERMINATION OF JURISDICTION.

There are no "waters of the U.S." within Clean Water Act (CWA) jurisdiction (as defined by 33 CFR part 328) in the review area. [Required]

#### SECTION III THRU V. Not Applicable

#### SECTION IV: DATA SOURCES.

##### A. SUPPORTING DATA. Data reviewed for JD (check all that apply - checked items shall be included in case file and, where checked and requested, appropriately reference sources below):

☒ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: 9/10/2015.

☐ Data sheets prepared/submitted by or on behalf of the applicant/consultant.

☐ Office concurs with data sheets/delineation report.

☐ Office does not concur with data sheets/delineation report.

☐ Data sheets prepared by the Corps:

☐ Corps navigable waters' study:

☒ U.S. Geological Survey Hydrologic Atlas:

☐ USGS NHD data.

☒ USGS 8 and 12 digit HUC maps.

☒ U.S. Geological Survey map(s). Cite scale & quad name: 1:24000 Savoie.

☒ USDA Natural Resources Conservation Service Soil Survey. Citation: <http://websoilsurvey.sc.egov.usda.gov/default.aspx>.

☒ National wetlands inventory map(s). Cite name: <http://www.fws.gov/wetlands/Data/Mapper.html>.

☐ State/Local wetland inventory map(s):

☐ FEMA/FIRM maps:

☐ 100-year Floodplain Elevation is: (National Geodetic Vertical Datum of 1929)

☒ Photographs: ☒ Aerial (Name & Date): IR 1998, 2004, 2012.

or ☒ Other (Name & Date): Louisiana LIDAR.

☐ Previous determination(s). File no. and date of response letter:

☐ Applicable/supporting case law:

☐ Applicable/supporting scientific literature:

☒ Other information (please specify): SRS Highly Erodible Land and Wetland Conservation Determination forms.

USDA Commodities reports from 2011-2015

##### B. ADDITIONAL COMMENTS TO SUPPORT JD: The entire project site consist of uplands.

U.S. ARMY CORPS OF ENGINEERS

**APPROVED**

JURISDICTIONAL DETERMINATION

**USACE**

IN HOUSE, 29 SEPTEMBER 2015

ANDREW BENNETT

FOR JOE MORTON

ACCOUNT # MVN-2015-01968-SJ

☐ NON-WETLAND

(53)	X COORD (27)	Y COORD (27)
179	2 192 821'	395 624'
179	2 182 245'	394 615'

**T15S-R17E**

Highway One

SEC. 22  
SEC. 23

SEC. 21  
SEC. 22

PROPOSED LOCATION	
X-	3,473.608' (82)
Y-	454.854' (82)
Lat-	28°44'58.7"N
Long-	90°42'39.8"W
X-	2 192 508' (21)
Y-	394 247' (21)

PROPOSED DRILL PAD  
SHEET 3 OF 3

PROPOSED PAD  
(290' x 390') ±2.60 ACRES

AVAILABLE  
WORK AREA  
(310' x 410')  
±2.52 ACRES



PROPOSED BOARDED AREA  
(260' x 360') ±2.15 ACRES

PROPOSED ACCESS  
ROAD AND WING  
±0.31 ACS

N75°51'12"W  
358'

EXISTING ROAD  
±1,806 FEET



**PLAN**

200 0 200  
SCALE 1" = 100'

**SQUARE MILE ENERGY, L.L.C.**

5547 SAN FELIPE, SUITE 2940  
HOUSTON TEXAS 77057

PROPOSED ACCESS ROAD, DRILL SITE AND LOCATION  
**BOURGEOIS NO. 1**  
SOUTHWEST LAKE BOEUF FIELD  
LAFORCHE PARISH, LOUISIANA



2015.08.15 - 1503293.DWG  
JANETTE L. KAS  
(361) 213 3003  
LA Reg. No. 303

JOB No: 150329

DRW: PRH CKD: SP  
FILE: C1503293.DWG

DATE: Aug 26 2015

**SHEET 2 of 3**

REV  
**0**