



**“A negotiated settlement agreement with the landowner resulted in a complete property restoration in an environmentally-sensitive region.”**

## PROJECT DETAILS

**Location:**

SE United States

**Project Type:**

Oil & Gas Legacy Sites, Oil & Gas Remediation, Litigation

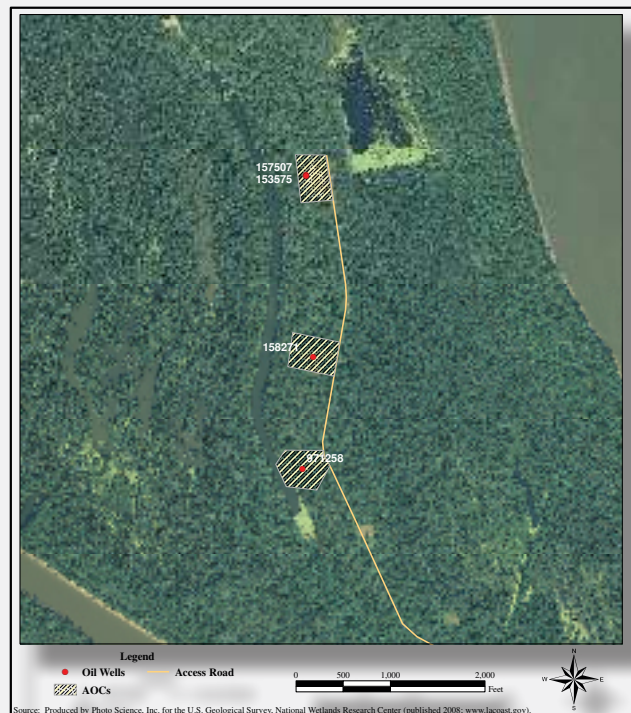
## PROJECT SUMMARY

A former oil exploration and production (E&P) site located in an isolated, environmentally-sensitive area (wetlands/river basin) required closure through a negotiated settlement as a result of litigation under the Louisiana Department of Natural Resources (LDNR) Act 312. The site consisted of four (4) former oil & gas exploration pads where above-ground structures were still located. The project involved a site evaluation (NORM Survey), debris (flow lines, drums, etc.) removal, and oil well abandonment. After completing the site evaluation, TEA prepared a Remediation Plan that addressed the NORM, debris, oil well abandonments, and surface restoration which met 29-B and wetlands considerations.

## REMEDIATION PLAN

As a result of the site assessment, soils around two of the well heads required excavation and disposal due to elevated NORM readings. Additionally, nearly 3,500 feet of flow lines required cutting, surveying for NORM, and recycling. In preparation for the site closure activities, a wetlands permit was required. The initial phase was a NORM survey of each wellhead. Once the NORM-impacted soils were removed, clean backfill of similar material was placed in each excavation and compacted. The wetlands permit required that a “no net loss or gain” for site elevation be maintained. Each oil well was then plugged and abandoned according to DNR regulations, and the site re-graded to original elevation.

### WELL LOCATIONS



## THE RESULTS

Site closure under 29-B consisted of removal of NORM-impacted soils, removal of debris (flow lines), and plugging/abandonment of four oil wells. The property has been successfully restored and placed back into use by the landowner as a wildlife management area.

### REMEDIATION PROCESS



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