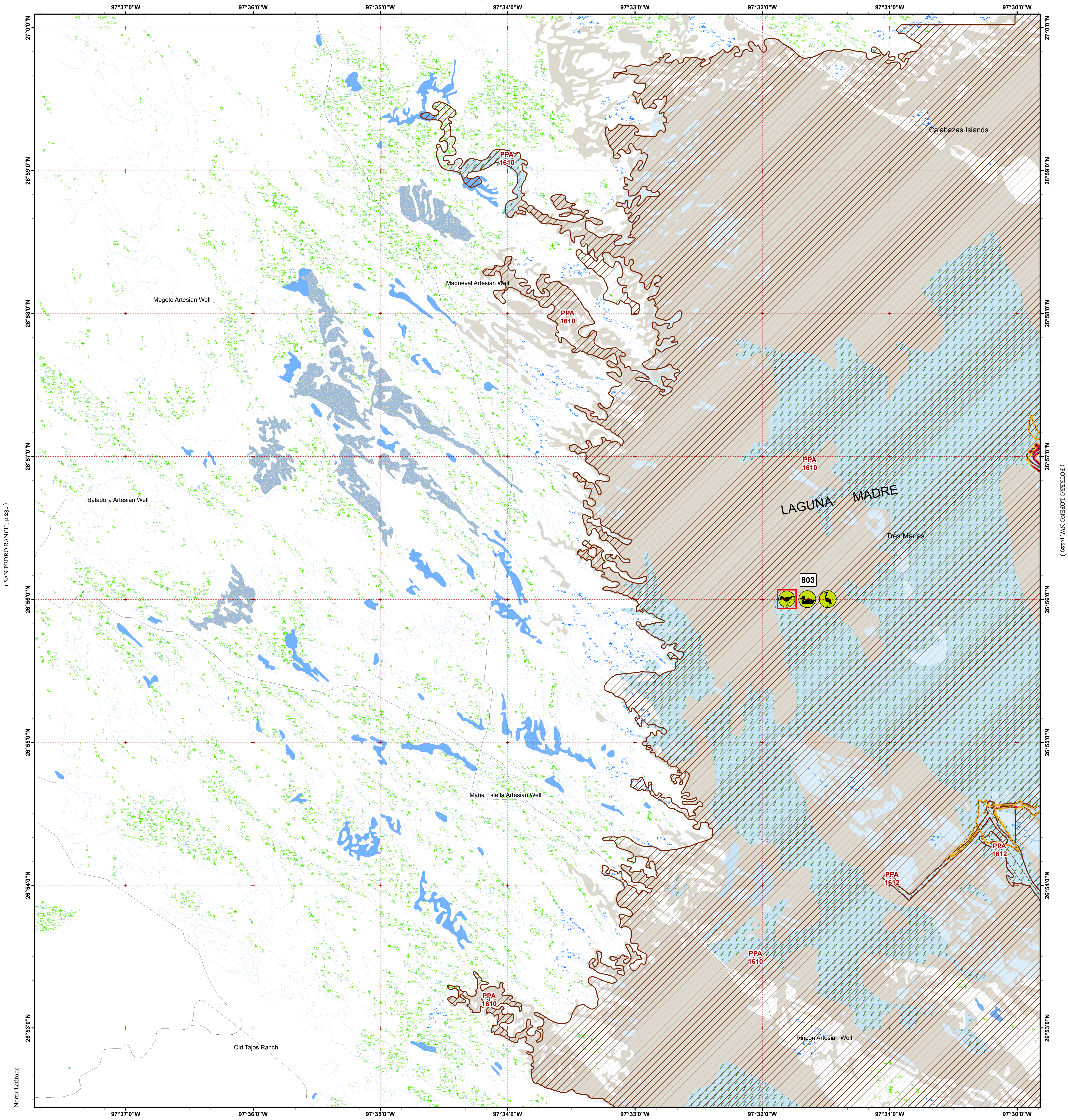


MARIA ESTELLA WELL

(LA PARRA RANCH SE, p.225)

[Click Here or Scroll Down for Associated Map Data](#)

Click on the Geographic Response Plan Target to View the ICS Form



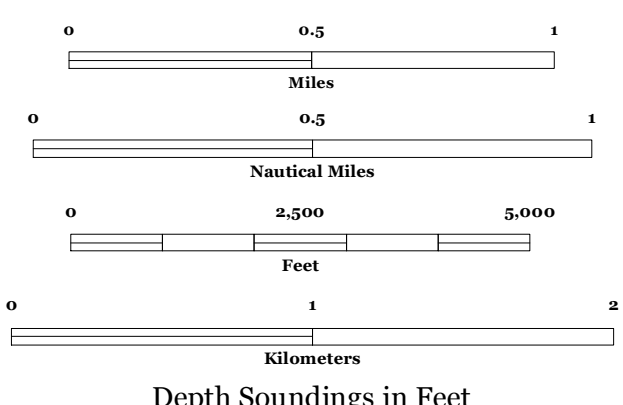
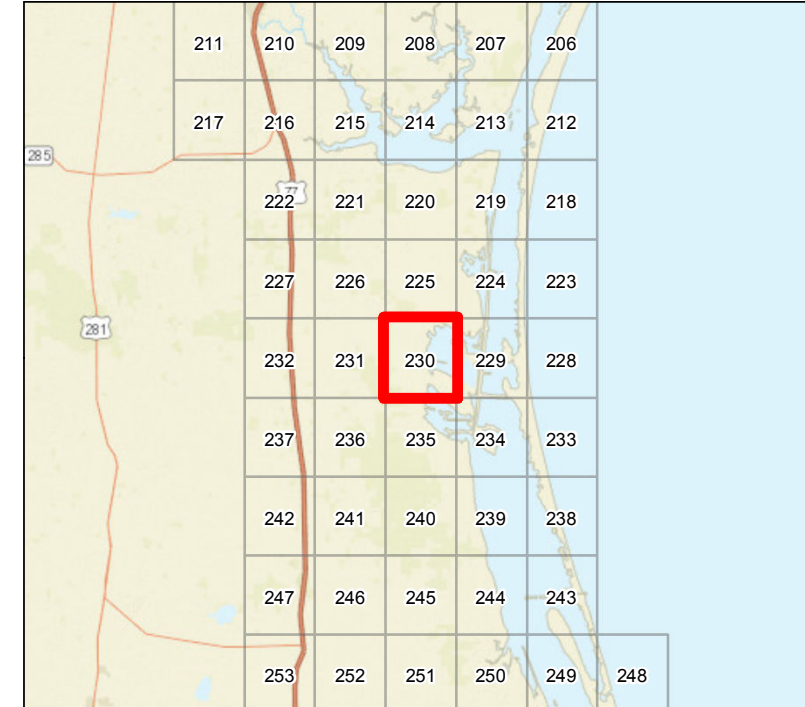
(SAN PEDRO RANCH, p.231)

(LOS AMIGOS WINDMILL, p.235)



Oil Spill Planning and Response Atlas
2016

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Human Use Features

- Road
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Beach or Tidal Flat
- Exposed Lake Shore
- Freshwater Marshes
- Lake / Pond
- County Boundary

Map Base Layers

- Road
- Estuarine Seagrass or Algae Bed
- Bays
- Salt and Brackish Marshes
- Beach or Tidal Flat
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- Freshwater Marshes
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- County Boundary

Priority Protection Areas

- HIGH
- MEDIUM

Species Icons Within Map Quad

- Shorebird
- Shorebird Endangered
- Wading
- Waterfowl

ENVIRONMENTAL SENSITIVITY INDEX

- 10D Mangroves and Woody Vegetation
- 10C Freshwater Swamps
- 10B Freshwater Marshes
- 10A Salt and Brackish Water Marshes
- 9 Sheltered Tidal Flats
- 8C Sheltered Rocky/Karst Shores
- 8D Sheltered Scarps
- 8B Sheltered Riprap Structures
- 8A Sheltered Solid Manmade Structures
- 7 Exposed Tidal Flats
- 6B Exposed Riprap Structures
- 6A Gravel or Shell Beaches
- 5 Mixed Sand and Gravel or Shell Beaches
- 4 Coarse-Grained Sand Beaches
- 3B Scraps and Steep Slopes in Sand
- 3A Fine-Grained Sand Beaches
- 2B Wave-Cut Clay Platforms
- 2A Scraps and Steep Slopes in Clay
- 1 Exposed Walls and Other Solid Structures

Quadrant: MARIA ESTELLA WELL

Map # :230

Biological Information for this quadrant represents known concentration areas of occurrence.

Habitat Priority Protection Areas

PPA ID	PRIORITY	POLY DESC	BIRDS RANK	BIRDS DESC	FISH DESC	FISH RANK	WETLANDS R	WETLANDS D
PPA1610	HIGH	Land Cut mud flats east and west of ICWW	LOW	Some shorebird activity after infrequent inundation, including snowy plovers, and few piping plover. Peregrine falcon more frequent in east section of flats.			MEDIUM	Dense to low algal flats around oil channels after inundation; transitional marsh of Monanthochloe, Salicornia, and Borrchia in higher areas
PPA1612	MEDIUM	Oil channels through mud flats off ICWW and seasonally inundated areas around them	HIGH	High numbers of shorebirds and wading birds, including reddish egret, at times	Fish and invertebrates	LOW	MEDIUM	Intermittent dense to low algal flats

Biological Resources

Bird

RARNUM	NAME	S	F	CONC	J	F	M	A	M	J	J	A	S	O	N	D	NESTING	LAYING	HATCHING	FLEDGING
803	Shorebirds				X	X	X	X	X	X	X	X	X	X	X	X				
	Red knot		T					X	X			X	X							
	Snowy plover				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	FEB-AUG	FEB-AUG	MAR-SEP
	Piping plover		T	LOW	X	X	X	X	X		X	X	X	X	X	X				
	Long-billed curlew	C			X	X	X	X	X	X	X	X	X	X	X	X				
	Reddish egret				X	X	X	X	X	X	X	X	X	X	X	X	FEB-AUG	APR-AUG	APR-AUG	APR-SEP
	Waterfowl				X	X	X	X	X	X	X	X	X	X	X	X				
	Redhead				X	X	X	X	X					X	X	X				