UPSTREAM ENGINEERING LIST OF PREVIOUS EXPERIENCE ONSHORE/OFFSHORE PIPELINES

CLIENT	COUNTRY	DESCRIPTION
Fieldwood Energy E&P Mexico, S.de R.L. de C.V.	Mexico	 Pre-Feed engineering for two pipelines: Ichalkil 1 DEL platform – 18" x 10.4 km export pipeline to Tumut. Pokoch 1 DEL platform – 16" x 7.1 km export pipeline to Tumut.
Vestigo Petroleum Tembikai	Malaysia	Feed and detailed engineering for 6" flexible flowline from tie-in WHP porch to FSO.
EOG Resources SERCAN	Trinidad	Feed, detailed engineering and project management for 14" O.D. X 2.4 KM gas export like from SERCAN WHP to TOUCAN from tie-in at riser to pull-tube at TOUCAN
Afren OKORO	Nigeria	Feed, detailed engineering and project management for crude export line 12" dia. X 60KM from OKORO WHP#2 to IMA terminal including PLET and flexible riser to FSO porch
Afren OKWOK WHP	Nigeria	Feed, detailed engineering and project management for 12" dia. X 14 KM pipeline from OKWOK WHP to riser at EBOK CFBX WHP (Options included evaluation of 8" flexsteel pipeline).
Afren WEST FAULT WHP	Nigeria	Feed, detailed engineering and project management for multiple pipelines; 8" oil pipeline, 6" gas pipeline and 4" gas lift line X 2.5 KM length including 82 mm dia. power/control umbilical from WFB WHP to MOPU
PATSA Terminal	Panama	Pre-Feed engineering for 4.5 KM gasoline transport line from storage facility to loading terminal.
VAALCO	Gabon	Detailed Engineering for 8" Oil Pipeline for Ebouri Field located Offshore Gabon
Anadarko Petroleum Corp.	US GOM	Detailed Engineering for S. Marsh Island 281, 6" Pipeline Platform "E" to "C"
Anadarko Petroleum Corp.	US GOM	Detailed Engineering for High Island 129 6" Pipeline - West 11,600'/Marg A
State Service Co., Inc.	US GOM	Detailed Engineering for Matagorda Island Block 481-L to 487-CF 6" Gas Pipeline
Anadarko Petroleum Corp.	US GOM	Detailed Engineering for High Island 129 "4" Utility Gas Pipeline from CPF to Caisson No. 16
State Service Co., Inc.	US GOM	Detailed Engineering for Manti Production Pipeline 6" Gas Sales Pipeline MI 522
Palace Operating Company	US GOM	Detailed Engineering for 6" Gas Pipeline from Main Pass Block 57 to Main Pass Block 64 Project Management and Engineering Design
State Service Co., Inc.	US GOM	Hunt Oil Co., Engineering/Project Management for Pipeline and Facilities Modifications for Eugene Island Blk. 355 to Eugene Island 337

CLIENT	COUNTRY	DESCRIPTION
Anadarko Petroleum Corp.	US GOM	Detailed Engineering for High Island 129 No. 17 - Pipeline
El Paso Production	US GOM	Detailed Engineering for 6" Gas Sales Pipeline for South Florence
El Paso Production	US GOM	Detailed Engineering for Little Lake Misere Gas Sales Pipeline - Design & develop scope of work & bid documents for construction to ANR pipeline connection
W. G. Helis Partnership	US GOM	Detailed Engineering for High Island 129 Well No. 18 - Gas Pipeline from No. 18 to Anadarko's HI-129 #5/6 Platform
Hunt Oil Company	US GOM	Detailed Engineering for Hunt Eugene Island 355 Pipeline Repairs
Hunt Oil Company	US GOM	Detailed Engineering for Vermilion 164 6" Gas Bulk Pipeline
Palace Operating Company	US GOM	Detailed Engineering for Lake De Cade Facility & 6" Pipeline Design
Gryphon Exploration	US GOM	Detailed Engineering for 8" Gas Condensate Pipeline Design WC 567 to WC 543
W. G. Helis Partnership	US GOM	Detailed Engineering for High Island 129 Well No. 19 - Gas Sales Pipeline from No. 19 to Anadarko's HI-129 Platform
APEX Oil & Gas, Inc.	US GOM	Detailed Engineering and project management for Vermilion 89 Gas Sales Pipeline to Vermilion129
Palace Operating Company	US GOM	Detailed Engineering and project management for Chandeleur Area Block 3 - 6 Inch Sales Pipeline
Yuma Exploraton & Production Co., Inc.	US GOM	Detailed Engineering for Matagorda Island Block 686 Gas Pipeline Design
Palace Operating Company	US GOM	Detailed Engineering and project management for Mobile Bay 988 -4" Gas Pipeline Design
Palace Operating Company	US GOM	Detailed Engineering and project management for Chandeleur Area Block 13 Well No. 2 - 8" Gas Pipeline
Palace Operating Company	US GOM	Detailed Engineering and project management for Chandeleur Area Block 13 - 4" Pipeline Design to Chandeleur Area 3
APEX Oil & Gas, Inc.	US GOM	Detailed Engineering and project management for Vermilion 69 6" Gas Pipeline to Vermilion 89 SSTI
APEX Oil & Gas, Inc.	US GOM	Detailed Engineering and project management for West Cameron Block 442 to West Cameron Block 473 6" Pipeline Design
Helis Oil & Gas, LLC	US GOM	Detailed engineering and project management for High Island 129 Well No. 20 - 6" Gas Pipeline from No. 20 to Anadarko's HI-129 #5/6 Platform
Cabot Oil & Gas Corporation	US GOM	Detailed Engineering for East Cameron 111 6" Pipeline to East Cameron 109
Fairways Offshore Exploration, Inc.	US GOM	Detailed Engineering for East Cameron Block 194 4" Gas Sales Pipeline
Gryphon Exploration Company	US GOM	Detailed Engineering for Mustang Island Block 804 6" Pipeline & Facility