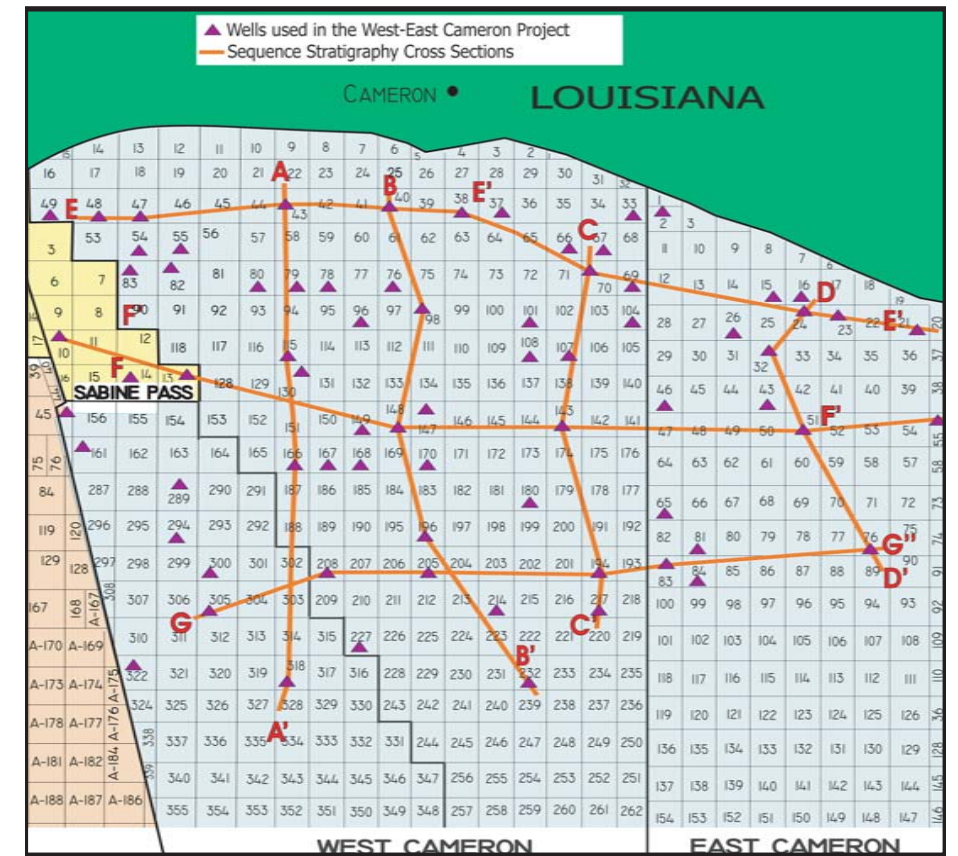


**Project Cost:**  
\$14,900

**Digital wells logs:**  
Available in LAS or ASCII  
format for \$1,800



**PROJECT DELIVERABLES**

**PROJECT BENEFITS**

**SEISMIC SEQUENCE STRATIGRAPHIC ANALYSIS SUMMARY**

**TABLE 1  
PROJECT DEMO WELL  
GULF OF MEXICO**

MD DEPTH (FEET)	SEISMIC TIME	FIRST DOWNHOLE OCCURRENCE OF STRATIGRAPHICALLY SIGNIFICANT FORAMINIFERS AND MAXIMUM FLOODING SURFACES	AGE (MA)	SERIES	PALEOBATHYMETRY (GENERALIZED) (FEET)
9150	2.500	Maximum Flooding Surface	12.18	in Middle Miocene	Outer Neritic Ecozone 3 300 - 600
9240		TEXT. 'W'			
9635	2.580	Maximum Flooding Surface	13.15		
9635		BIG. 'H'			
10265		CRIS. 'I'			
10890		S. hetmorphus			
10900	2.860	Maximum Flooding Surface	14.20		
10900		(CIB. OP.) condensed section	(14.20)		
12360	3.060	Maximum Flooding Surface	15.60		
12605		AMPH. 'B'			
12630		H. ampliaperta			
12875		ROB. 43			
13200	3.360	Maximum Flooding Surface	16.86	Lower Miocene	Upper Bathyal Ecozone 4 600 - 1500
13445		ROB. 54B / EPON. 14			
17400		S. belemnus			
17450	4.240	Maximum Flooding Surface	18.00		
17450		(DISC. 'B') condensed section	(18.00)		
17500	4.270	TD / TVD			

**BIOSTRATIGRAPHY,  
PALEOWATER DEPTH AND  
SEQUENCE STRATIGRAPHY**

- Six (6) Genetic Sequences and Maximum Flooding Surfaces from the *TEXT W* 12.18 Ma Maximum Flooding Surface to the 18.00 Ma Third Order Maximum Flooding Surface were recognized in this well. The base of the 18.00 Ma Sequence is below the TD of the well.
- The sediments from 9150 to 17550 feet were deposited in an outer neritic to middle bathyal environment, ecozones 3 to 5.
- The sediments in the *AMPH B* 15.60 Ma Genetic Sequence and the upper part of the *ROB 54B* 16.86 Ma Genetic Sequence may be a lowstand amalgamated sheet sand.
- The sediments in the lower part of the *ROB 54B* 16.86 Ma Sequence may be a Lowstand slope fan interval of sheet sands and channel overbank sands.
- The Maximum Flooding Surfaces are colored green, age dated and expressed on the seismic panels on the single plot chart as continuous through going reflectors.

1. Seventy-four (74) single well plots with major mapable Genetic Sequences correlated with marker species, paleowater depth, well log and FAIRFIELD INDUSTRIES INC., Extracted 3-D PSTM seismic panels (one mile in length).
2. Seventy-four (74) Biostratigraphic and Sequence Stratigraphic tables, with marker species, paleowater depth, and age dated Maximum Flooding Surfaces (Seals).
3. Seven (7) Cross Sections (4 Dip and 3 Strike) with age dated Maximum Flooding Surfaces, well logs.
4. Digital wells logs in LAS or ASCII format are available for \$1,800.
5. Deliverables will be in two formats:
  - a. Hard copy binder (11"x 17") will be printed on premium quality paper and will include written report, single plots, images, etc.
  - b. Report and raw data will be delivered in digital format.

- Reduce your risk in exploration and developing wells.
- Understand the relationship between Genetic Sequences (in time), seals, potential reservoir sands and their paleowater depth, especially in the deeper Miocene section.
- Identify a total of 12 Genetic Sequences that are associated with optimum producing and potential deep gas targets.
- Identify Maximum Flooding Surfaces (seals) on well-logs and 3-D seismic to provide local and regional timelines.
- Assist in identifying the type of reservoir sands, play concepts and facies' relationships within each Sequence in an 360 degree arc from each project well.
- Identify and correlate MFS with through .reflectors on seismic panels with the corresponding regional data FAIRFIELD data set.