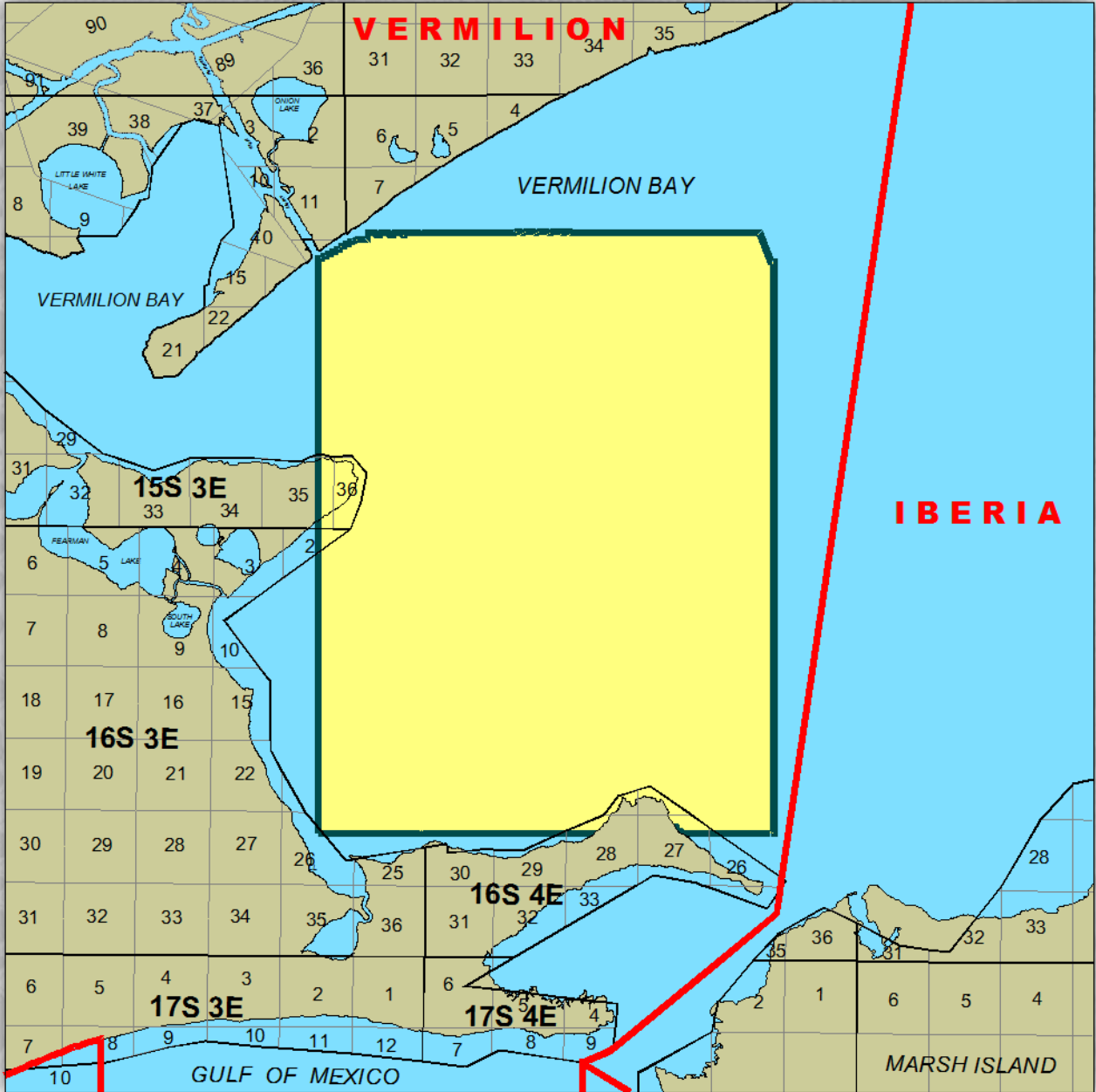
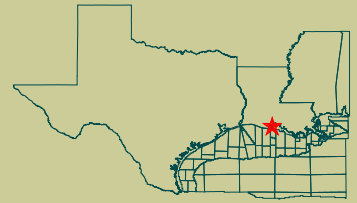


Redfish Point

Louisiana Gulf Coast

53.7588 mi.²



Geophysical Pursuit 3-D Surveys

G**EOPHYSICAL**  **PURSUIT, INC.**

3501 Allen Parkway
Houston, Texas 77019
(713) 529-3000

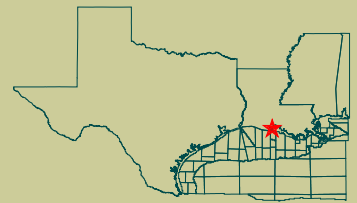
2895 Highway 190
Suite 227
Mandeville, LA 70471
(985) 727-6720



Redfish Point

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Acquisition Parameters

Contractor: Digicon/GFS (#326) – Jun-Aug 1994
Acquisition Patch: 4Rx line x 272ch split spread brick
Receiver Lines: N/S @ 1980ft
Receiver Interval: 165ft
Source Lines: E/W @ 1320ft
Source Interval: 330ft
Energy Source: 15lbs dynamite @ 140ft
Bin Size: 82.5 x 165ft
Nominal Fold: 30
Recording System: SGR-II & III; Out-200Hz
Record Length: 8 seconds @ 2ms
Available: May 1999

Processing: 1994 PoSTM by Timeslice

1. Refraction statics
2. Geometric spreading correction
3. Edit
4. Decon
 - a. Surface consistent
 - b. 240 ms. Operator
 - c. 12 ms. Gap
5. Velocity analysis/residual statics – 2 iterations
6. 5 Hz. Locut
7. Noise editing
8. DMO velocity analysis, 3960' grid
9. DMO stack
10. Single window trace balance
11. Crossline interpolation – 25m x 25m bins
12. Finite Difference migration
13. F-X Decon

Processing: 2006 PrSTM by WesternGeco

1. Geometry Update/QC Geometry and Grid
2. Calculate Field Statics
3. Amplitude Compensation
4. Refraction Statics (Datum = 0ft, Replacement Velocity = 5500 ft/sec)
5. Anomalous Amplitude Attenuation (Shot-ordered AAA)
6. Preliminary Velocity Analysis (2 mile)
7. Spectrally Constrained Surface Consistent Deconvolution
8. Sort data to CMP order
9. Surface Consistent Reflection Statics (MISER™, pass 1)
10. Velocity Analysis (1 mile)
11. Anomalous Amplitude Attenuation (CMP-ordered AAA)
12. Surface Consistent Amplitude Compensation (SCAC)
13. Anomalous Amplitude Attenuation (Offset-ordered AAA)
14. Surface Consistent Reflection Statics (MISER, pass 2)
15. Velocity Analysis (½ mile)
16. Curved Ray Kirchhoff Pre-Stack Migration
 - a. 82.5 x 82.5 ft
 - b. 35 offsets @ 577.5ft
17. Multiple Attenuation
18. Offset Domain Residual Amplitude Analysis and Compensation (RAAC)

Available Products: 2006 PrSTM (53.7588mi²)

1. Full offset stack
 - a. RAW
 - b. Time Variant Filter and RAAC
2. Four Angle Stacks; 3°-15°, 15°-30°, 30°-45° & 45°-60°
3. PrSTM gathers
 - a. RAW w/o NMO
 - b. With PRT demultiple, ORAAC and NMO correction
4. Velocities
 - a. Stacking
 - b. Migration

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