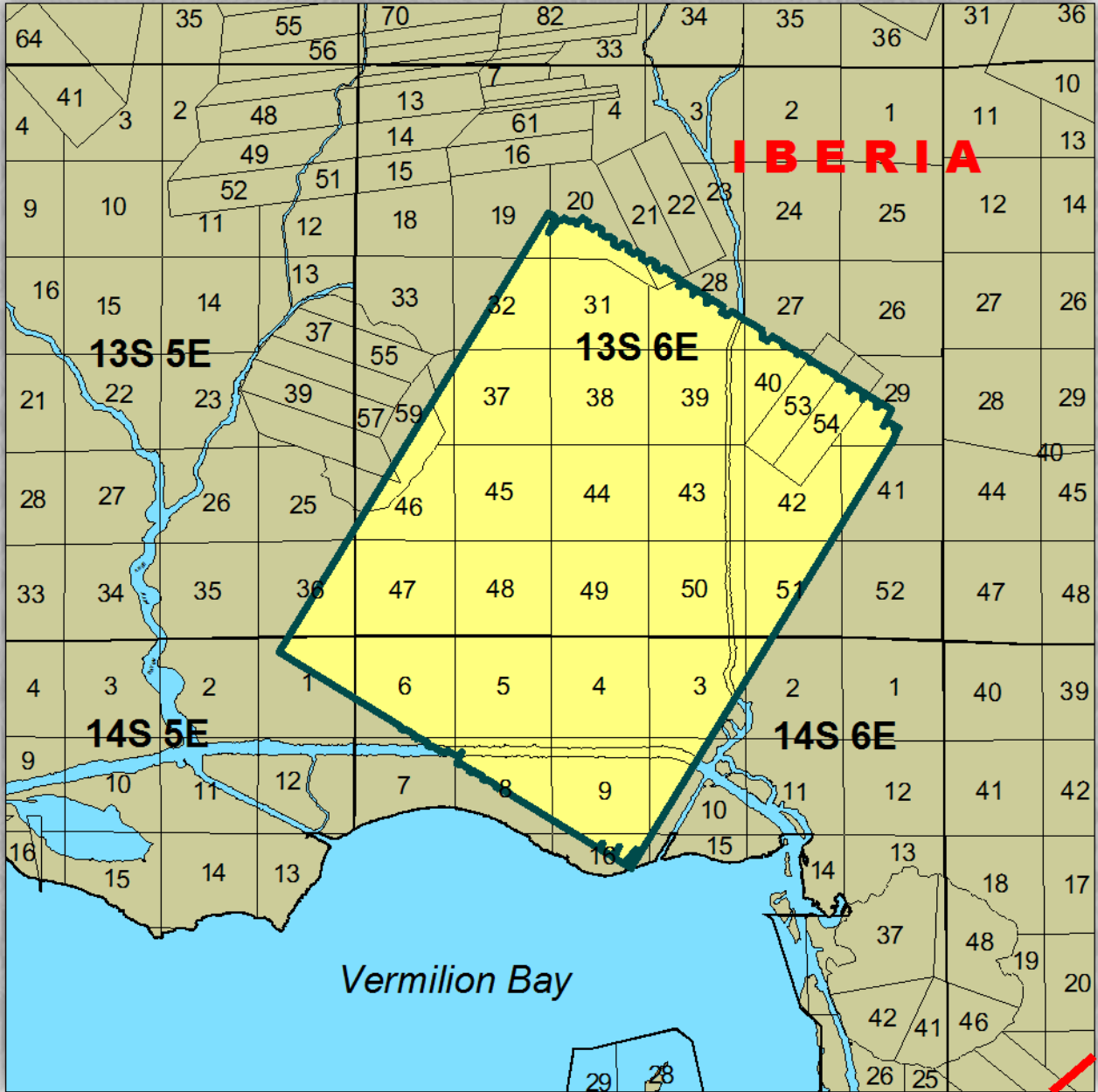
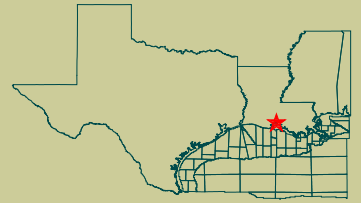


Southeast Avery Island

Louisiana Gulf Coast – Iberia Parish

24.0217 mi²



Geophysical Pursuit 3-D Surveys

GEOPHYSICAL  **PURSUIT, INC.**

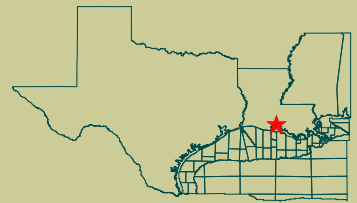
3501 Allen Parkway
Houston, Texas 77019
(713) 529-3000

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

Southeast Avery Island

Louisiana Gulf Coast – Iberia Parish

24.0217 mi²



Acquisition Parameters

Contractor: Eagle – July 1995
Acquisition Patch: 6Rx line x 180ch split spread brick (660ft step)
Receiver Lines: NE/SW @ 1760ft
Receiver Interval: 220ft
Source Lines: SE/NW @ 1980ft
Source Interval: 220ft
Energy Source: 11lbs Pentolite @ 100ft
Bin Size: 110 x 100 ft
Nominal Fold: 38
Recording System: OpSeis Eagle (24 bit); 3-206Hz
Record Length: 8 seconds @ 2ms
Available: January 2000

Processing: 1995 PoSTM by Western Geophysical

1. Demultiplex and resample to 4ms
2. Geometry Assignment
3. Spherical Divergence
4. Bin Sorting
5. Surface Consistent Deconvolution
6. Surface Consistent Gain
7. Spectral Whitening
8. Datum Statics
9. Residual Statics (two passes)
10. Velocity Analysis @ ½mi² (two passes)
11. DMO Stack
12. Migration
13. Post Migration Enhancement

Available Products

1995 PoSTM (23.8173mi²)

- A. DMO Stack
- B. Migration with RAAC
- C. Migration with TVSW/RNA/TVF/RAAC

Processing: 2008 PrSTM by Geokinetics

1. SEG-Y to Internal Format
2. Geometry Assignment
3. Spherical Divergence & GeoSpreading
4. Minimum Phase Conversion
5. Geometry QC/Refraction Statics (datum = MSL @ 6000ft/sec)
6. Surface Consistent Spiking Deconvolution
7. Surface Consistent Gain
8. Noise Attenuation
9. Velocity Analysis (@ 2mi² & 1mi²) & Residual Statics (two passes)
10. PrSTM Velocity Analysis @ 1mi²
11. Offset Binning/Regularization
12. Kirchhoff Ray Bending PrSTM
 1. 60° w/ 40,000ft aperture
 2. 29 offsets @ 660'
13. Residual Velocity Analysis @ ½mi²
14. Relative Amplitude Compensation
15. Raw Stack
16. Three Angle stacks
17. Time Variant Filter & Scaling

Available Products

2008 PrSTM (24.0217mi²)

- A. Full Offset Stacks (Raw & Final)
- B. Angle Stacks (5-20°, 10-25° & 20-35°)
- C. PrSTM gathers (Raw, RAC & RAC+PRT)
- D. Final Stacking velocities

