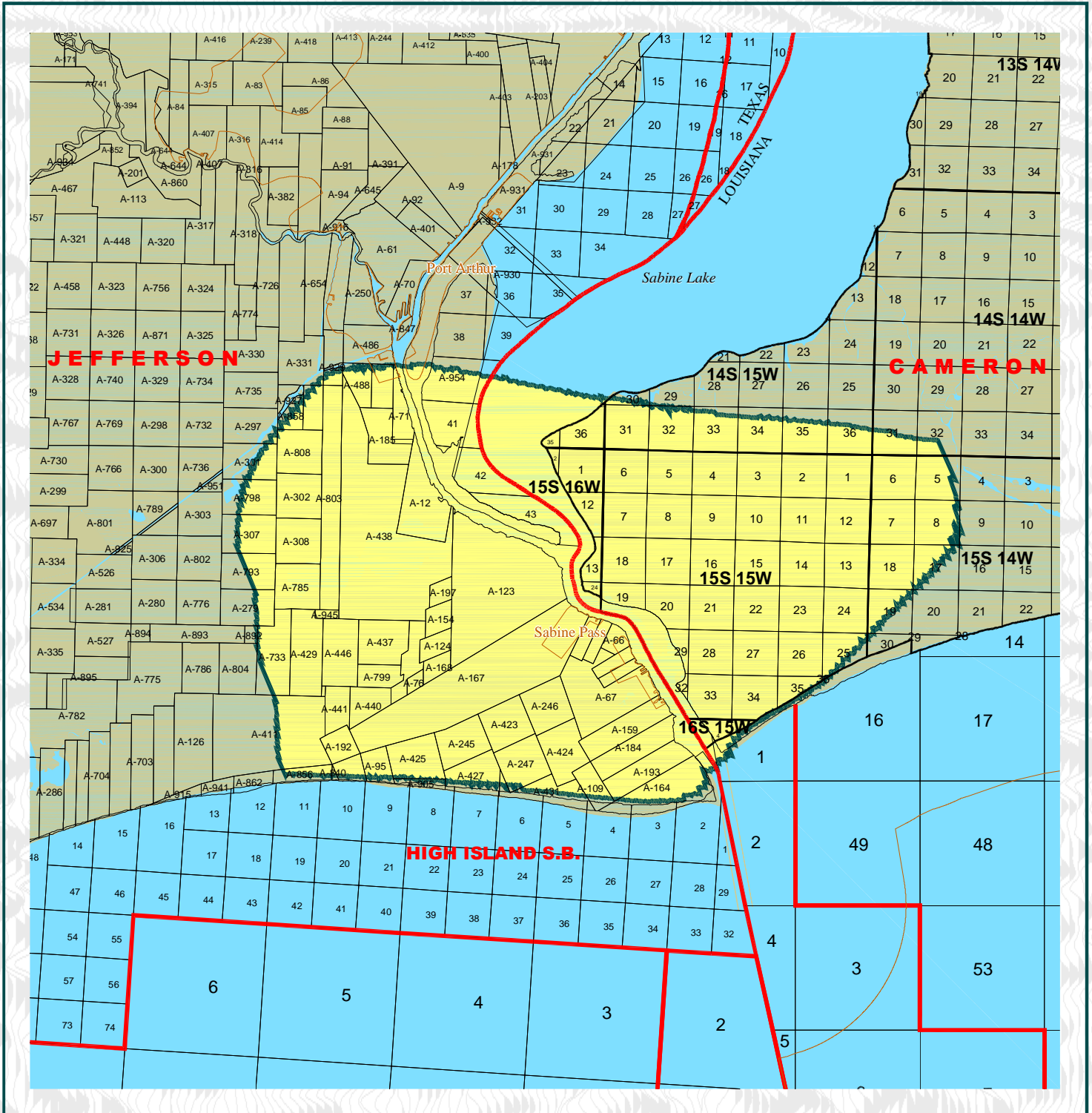
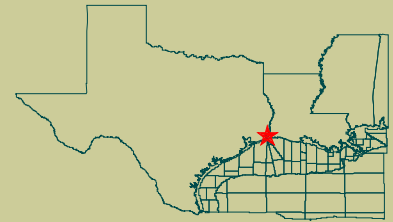


Wildcat Ridge

Texas/Louisiana Gulf Coast

119.9206 mi.²



Geophysical Pursuit 3-D Surveys

GEOPHYSICAL PURSUIT, INC.

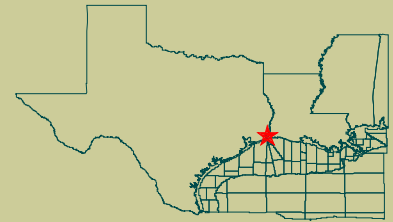
3501 Allen Parkway
Houston, Texas 77019
(713) 529-3000

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

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Acquisition Parameters

Contractor: Grant (#350) – Aug-Oct 2001
Acquisition Patch: 10 Rx line x 144ch slant split-spread
Receiver Lines: NNW-SSE @ 1760ft
Receiver Interval: 220ft
Source Lines: E-W @ 1760ft
Source Interval: 220ft
Energy Source: 5.5lbs biodegradable Geoprime @ 90ft
Bin Size: 110 x 110 ft
Nominal Fold: 45
Average Far Offset: 15,730ft
Recording System: I/O RSR / RSI
Record Length: 8 seconds @ 2ms
Available: May 2009

Available Data Sets

- A. Geometry Merge @ 4ms (SEG-Y)
- PreStack Time Migration (Geotrace Jan 2002)**
- B. Full offset stack – enhanced (SEG-Y)
- C. Velocities (ASCII)
- PreStack Time Migration (Generation Services May 2002)**
- D. Full offset stack – enhanced (SEG-Y)
- E. PrSTM gathers (SEG-Y)
 - 56 fold max
 - 660-27070ft @ variable intervals

Processing Sequence

PreStack Time Migration (Geotrace Jan 2002)

1. Reformat & resample to 4ms
2. Geometry verification
3. Trace edits
4. Spherical divergence & gain
5. CMP Sort (110x110' bin)
6. Surface Consistent Deconvolution
 - a. 240ms operator
 - b. Spiking
 - c. 2 gate
7. Datum Statics (sea level @ 5,500ft/sec)
8. NMO / Surface consistent statics - 1st pass
9. NMO / Surface consistent statics – 2nd pass
10. TFD noise reduction; shot domain
11. AGC 1500ms
12. PreStack Time Migration velocity analysis @ 1/3mi interval (2 iterations)
13. PreStack Time Migration
 - a. 15,000ft aperture
 - b. 6sec output
14. Stack
15. Time Variant Filter

0.0-2.0sec	4-8-60-65Hz
3.0sec	4-8-40-45Hz
4.5sec	4-8-30-35Hz
16. AGC 1500ms
17. Noise reduction (SNIP)

PreStack Time Migration (Generation Services May 2002)

Flow currently unavailable

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G E O P H Y S I C A L  **P U R S U I T, I N C.**

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