



SEITEL DATA
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Buffalo River I 3D
 Wilkinson & Amite Counties, MS

Miles
 0 0.25 0.5 1 1.5 2

Projection: NAD 1927 Mississippi West 2302

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Buffalo River 3D Survey

Wilkinson County, MS

Acquisition Parameters (Grant Geophysical)

Acquired	November 1999
Recording System	I/O System II
Survey Size	54.308 Square Miles
Sample Rate	2 Milliseconds
Record Length	6 Seconds
Source	6 Lbs. Dynoseis @ 100 ft. average
Shote Interval	440 Feet
Shot Line Interval	1,760 Feet (880' brick)
Estimated Source Locations	2,728
Survey Method	GPS and/or Conventional

Patch & Box Dimensions

No Channels	1,280
Spread	8 lines x 160 Channels
Patch	9,240 Feet x 34,980 Feet
Group Interval	220 Feet
Receiver Line Interval	1,320 Feet
Receiver Array	6 Phones (point receiver)
Receiver Line Orientation	NE-SW
Estimated Receiver Locations	5,651
Bin Size	110 x 220 feet
Designed Fold	40 @ Full Offset Range

Available Products

Basic:

- Field Tapes
- Geometry Corrected Shot Gathers
- DMO Stack – raw
- DMO Migration – raw
- DMO Migration – filter/scale
- DMO Migration – noise-reduced

Pre Stack Time Migration (PSTM):

- PSTM CMP Gathers
- PSTM Stack – raw
- PSTM Stack – filter/scale
- PSTM Stack – noise-reduced
- PSTM Angle Stacks – 0-10, 10-20, 20-30 & 30-out degrees
- AVO Attribute Volumes – P, G, P+G, P*G & FF

Additional Availability:

- Saratoga Merge
- Triangle Merge