Cartesian Projection: NAD 27, North Louisiana (1701)
4 Annotated Tick Marks Shown for Lat / Long and X-Y

15N 3E
15N 4E
15N 5E
14N 3E
14N 4E
14N 5E
13N 3E
13N 4E
13N 5E
12N 3E
12N 4E
12N 5E

Ouachita Parish
Caldwell Parish

Area of Review (AoR)

McFarlane #1 Parnell
Humble #1 Bodcaw
Bodcaw #1 Bodcaw Fee
MRT #1 White
Sun #A-1 Olin-Mathieson
MRT #1 Biedenhorn
Pitts #1 Kenney
ARCO #1 Olin-Mathieson
Neilson #1 Simmons
Calco #2-1 Olin-Mathieson
Anadarko #1 Devon-Donner 5-1 ALT
Anadarko #1 Devon-Donner 7-1
Anadarko #1 Devon-Donner 12-1
Bass #1 Keahey
Bradford #1 Shipp
Vasser #1 Leiderman - Howard
Lion Oil #1 Williams
HOM #1 Howard
Exchange #2 Olinkraft
Roberts #2 Olinkraft
Youngblood #1 LA Central Lumber
Caroline Hunt #1 Mathieson
Magnolia S-1 Reynolds
Whitetail (SBF) #1 LA Green Fuels
Southern Carbon #1 USA
Caroline Hunt #1 Olinkraft
SOHIO #1 LaSalle Ld.
hwest Gas #1 Olin-Mathieson
L. R. Resources II Manville 32-13
Murphy #1-Meredith
Ouachita #1 Jones
Florida Exploration #1 Pine Pipeline 7-9
Magale #1 Kellogg
KMI #1 Manville 18-11
Storm OLIN #1
Love LA Central #1
ARCO LA Central #E-1
Hodges #1 McKeithen

Caldwell

0.831
0.863
0.894
0.925
0.956
0.988
1.019
120
20
15
10
5

sCO_2 Saturation Expansion Legend

120-Year sCO_2 Saturation Perimeter
20-Year sCO_2 Saturation Perimeter
10-Year sCO_2 Saturation Perimeter
15-Year sCO_2 Saturation Perimeter
5-Year sCO_2 Saturation Perimeter

LOUISIANA BOARD OF PROFESSIONAL GEOSCIENTISTS
STEVEN S. WALKINSHAW
LICENSE #65
2014

Map Legend

"Shallow" Well (Not drilled deep enough to reach Top Chalk)
(Note - in the vicinity of the LGF plant site (Beekman Field), all shallow gas wells were completed in the Lower Wilcox lignite ("LBF") reservoir)

"Deep" Well (Drilled deep enough to encounter Top Chalk)

General Facility Area - Louisiana Green Fuels ("LGF") Plant
Proposed Class VI Injection Well
LADNR "Registered" Water Well

-5134 — Subsea penetration (depth) of mapped horizon

NDE — Well not drilled deep enough to penetrate the mapped horizon

Log NA — Log currently not available across this interval in this well

NL — Mapped interval not logged (typically behind casing)

Appendix A - Local Geologic Maps

Figure A.12

2D Seismic Time Map

Top Selma Chalk Peak Event
Gridded 2D Time
With sCO_2 Saturation (Plume) Expansion Over Time

STRATEGIC BIOFUELS

Louisiana Green Fuels Site - Area of Review
Caldwell Parish, Louisiana

2D Seismic Time Structure (Gridded)
Top Selma Chalk Peak Event

CONTOUR INTERVAL ~6.4 Milliseconds

Scale = 1:24000
0 2000 4000 6000 ft

Geological & Geophysical Interpretations: Steven S. Walkinshaw, P.G.