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

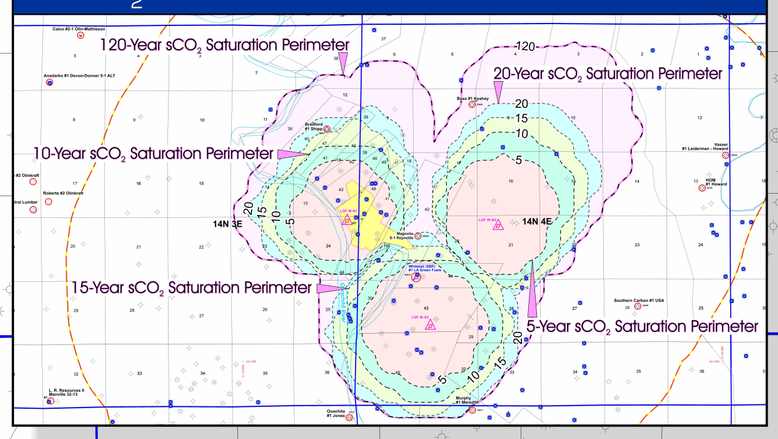
Area of Review (AoR)

Ouachita Parish
Caldwell Parish

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

McFarlane #1 Parnell
Humble #1 Bodcaw
MRT #1 White
Bodcaw #1 Bodcaw Fee
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
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
Vasser #1 Leiderman - Howard
HOM #1 Howard
Lion Oil #1 Williams
Southern Carbon #1 USA
SOHIO #1 LaSalle Ld.
Caroline Hunt #1 Olinkraft
Murphy #1-Meredith
Ouachita #1 Jones
L. R. Resources II Manville 32-13
Florida Exploration #1 Pine Pipeline 7-9
KMI #1 Manville 18-11
Caldwell
Storm OLIN #1
Magale #1 Kellogg
Love LA Central #1
ARCO LA Central #E-1
Hodges #1 McKeithen

sCO$_2$ Saturation Expansion Legend



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 (Bearkat 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.11

2D Seismic Time Map

Top Ferry Lake Anhydrite 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 Ferry Lake Anhydrite Peak Event

CONTOUR INTERVAL 100 FEET

Scale = 1:24000
0 2000 4000 6000 ft

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