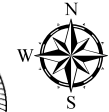


Louisiana

Office of Minerals Resources

Austin Chalk Play



Produced by:
Office of Mineral Resources
Geological & Engineering Division
February 2018

Emerging Austin Chalk Play
Over 70,000 acres of State Lands and Waters Available for Leasing!

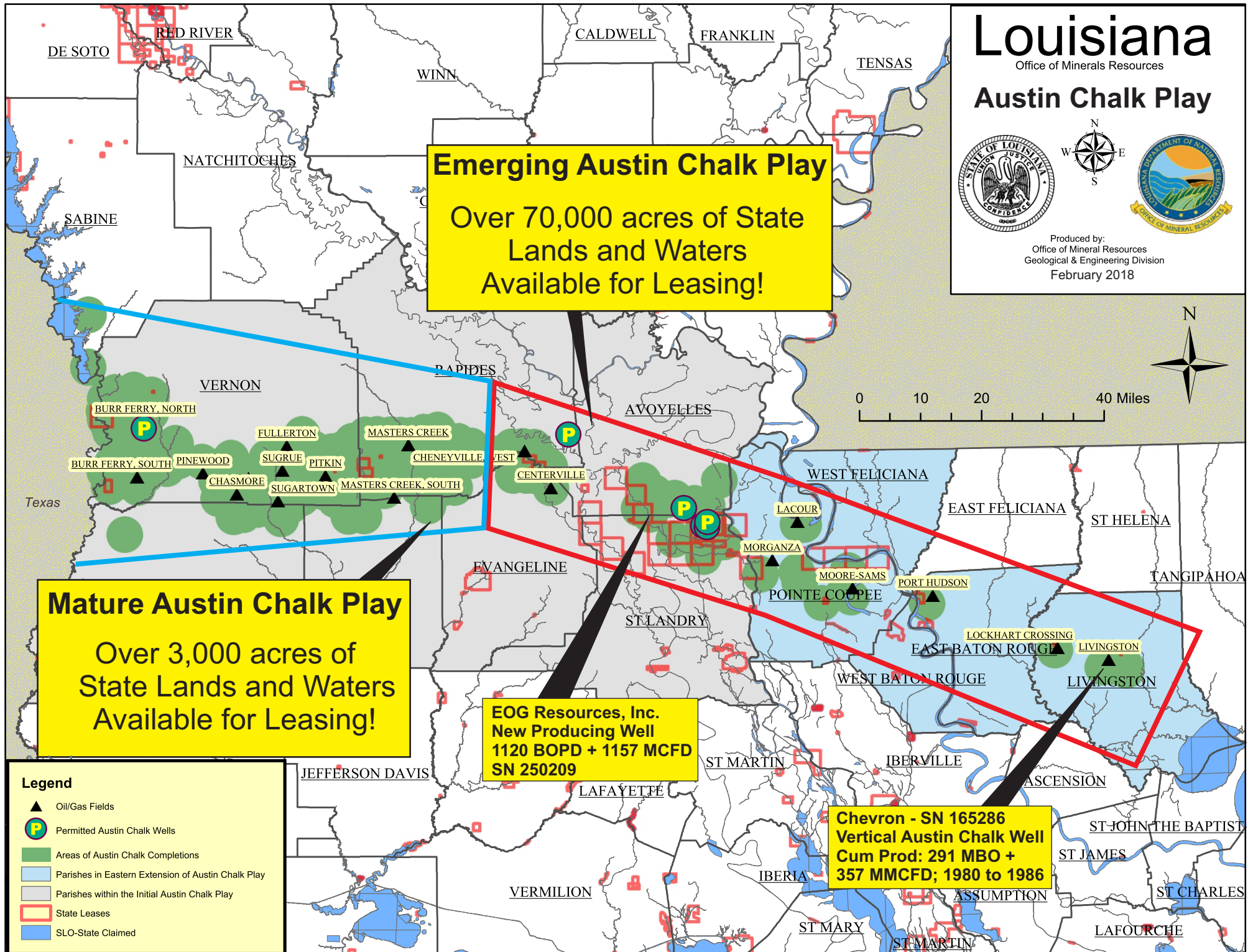
Mature Austin Chalk Play
Over 3,000 acres of State Lands and Waters Available for Leasing!

EOG Resources, Inc.
New Producing Well
1120 BOPD + 1157 MCFD
SN 250209

Chevron - SN 165286
Vertical Austin Chalk Well
Cum Prod: 291 MBO +
357 MMCFD; 1980 to 1986

Legend

- ▲ Oil/Gas Fields
- Ⓟ Permitted Austin Chalk Wells
- Areas of Austin Chalk Completions
- Parishes in Eastern Extension of Austin Chalk Play
- Parishes within the Initial Austin Chalk Play
- State Leases
- SLO-State Claimed



The Austin Chalk Play in Louisiana

The Austin Chalk play in Louisiana is experiencing a resurgence in activity. New horizontal drilling and completion techniques have resulted in substantial production rates. The EOG – Eagle Ranch 14-1H, drilled in Avoyelles parish and completed 9-11-2017, tested at a rate of 1120 BOPD + 1157 MCFD. A portion of the well log is presented below.

New well permits include new drills of horizontal wells by Texegy Operating Co, re-entering an abandoned well by WJ Energy LLC, and new drills of vertical wells for the Austin Chalk by Torrent Oil LLC.

Historically, the majority of the production has occurred in the western half of the state, in Vernon and Rapides parishes, with Masters Creek, West Masters Creek, and Sugartown fields the most prolific. These 3 fields have produced 34 MMBO + 148 BCFG from the Austin Chalk. New permitting and leasing activity is concentrated in the central and eastern portions of the play in Rapides, Avoyelles and Pointe Coupee parishes.

The play has proven productive to the east in Livingston parish where the Chevron – AUS C RA SUA; Crown Zellerbach 7 #1 well (SN 165286) produced 291 MBO + 357 MMCFG from 1980 to 1986. This was a vertical well perforated in the Austin Chalk at 16215 to 16350’.

As shown by the attached map, the eastern portion of the Austin Chalk play has several unexplored and under-explored areas with substantial historic production and significant open acreage opportunities.

Austin Chalk Production in Louisiana:

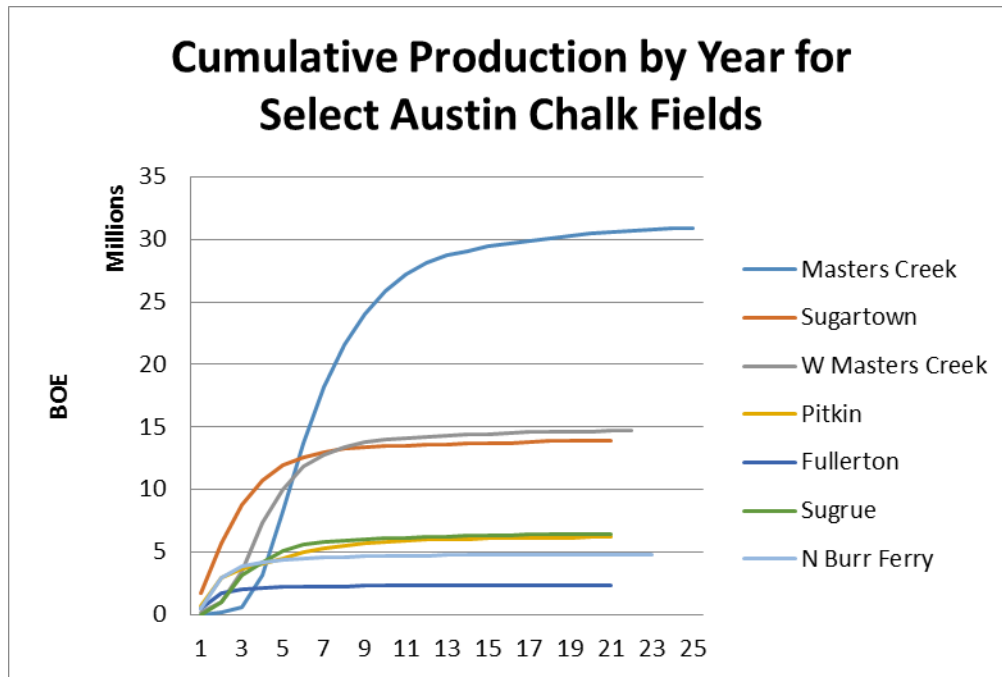
Currently, there are 57 wells producing from the Austin Chalk in Louisiana. A table and chart of the current operators and producing fields are presented below.

Historically, the Austin Chalk has been a prolific oil producer with significant associated casinghead gas production.

Cumulative Production: 54.9 Million Barrels of Oil

246 Billion Cubic Feet of Gas

A chart of cumulative production for several Austin Chalk fields shows the majority of oil is recovered within the first 6 years. This is very attractive economically as it allows for the rapid payout of development expenses and the realization of profit.



Austin Chalk Current Activity in Louisiana:

Texegy Operating Co has permitted a new horizontal well in North Burr Ferry field, Vernon Parish. SN 250597 Sec 17 – T1N – R10W Vernon Ph. North Burr Ferry field.

WJ Energy LLC is attempting to re-enter an abandoned Austin Chalk well in North Cheneyville field, Rapides parish. SN 250723 Sec 23 – T1N – R2E Rapides Ph. North Cheneyville field

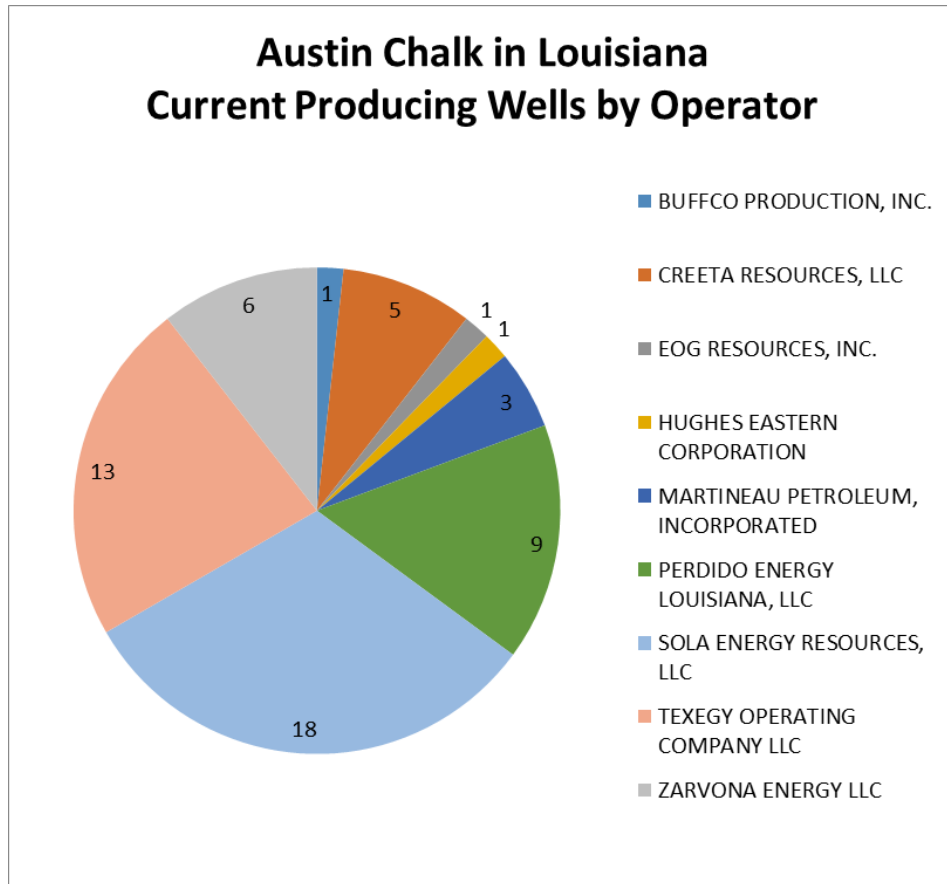
Torrent Oil LLC has permitted 3 vertical wells to the Austin Chalk in St. Landry parish; 2 wells in North Bayou Jack field and 1 well in Moncrief field.

SN 250724 Sec 33 – T2S – R6E St. Landry Ph North Bayou Jack field.

SN 250725 Sec 5 – T3S – R6E St. Landry Ph North Bayou Jack field.

SN 250806 Sec 4 – T3S – R6E St. Landry Ph Moncrief field.

Austin Chalk Current Production in Louisiana:



The Austin Chalk is currently producing in the following fields:

<u>FIELD</u>	<u>OPERATOR</u>	<u>PARISH</u>	<u>NUMBER OF WELLS</u>
NORTH BAYOU JACK	BUFFCO PRODUCTION, INC.	AVOYELLES	1
	EOG RESOURCES, INC.	AVOYELLES	1
	MARTINEAU PETROLEUM, INC	AVOYELLES	3

	SOLA ENERGY RESOURCES, LLC	AVOYELLES	18
NORTH BURR FERRY	TEXEGY OPERATING COMPANY LLC	SABINE	13
SOUTH BURR FERRY	ZARVONA ENERGY LLC	VERNON	6
WEST CHENEYVILLE	PERDIDO ENERGY LOUISIANA, LLC	EVANGELINE	9
SOUTH MASTERS CREEK	HUGHES EASTERN CORP	ALLEN	1
MONCRIEF	CREETA RESOURCES, LLC	SAINT LANDRY	5

New Completion: The EOG – Eagle Ranch 14-1H Well, Avoyelles Parish

