

APPLICANT

EBR LOUISIANA, L.L.C.

Northeast Iowa Field

JEFFERSON DAVIS PARISH, LOUISIANA

FRIO ZONE RESERVOIR A

Docket No. 17-359
July 18, 2017

Witness: Bryan S. Groves

prepared by

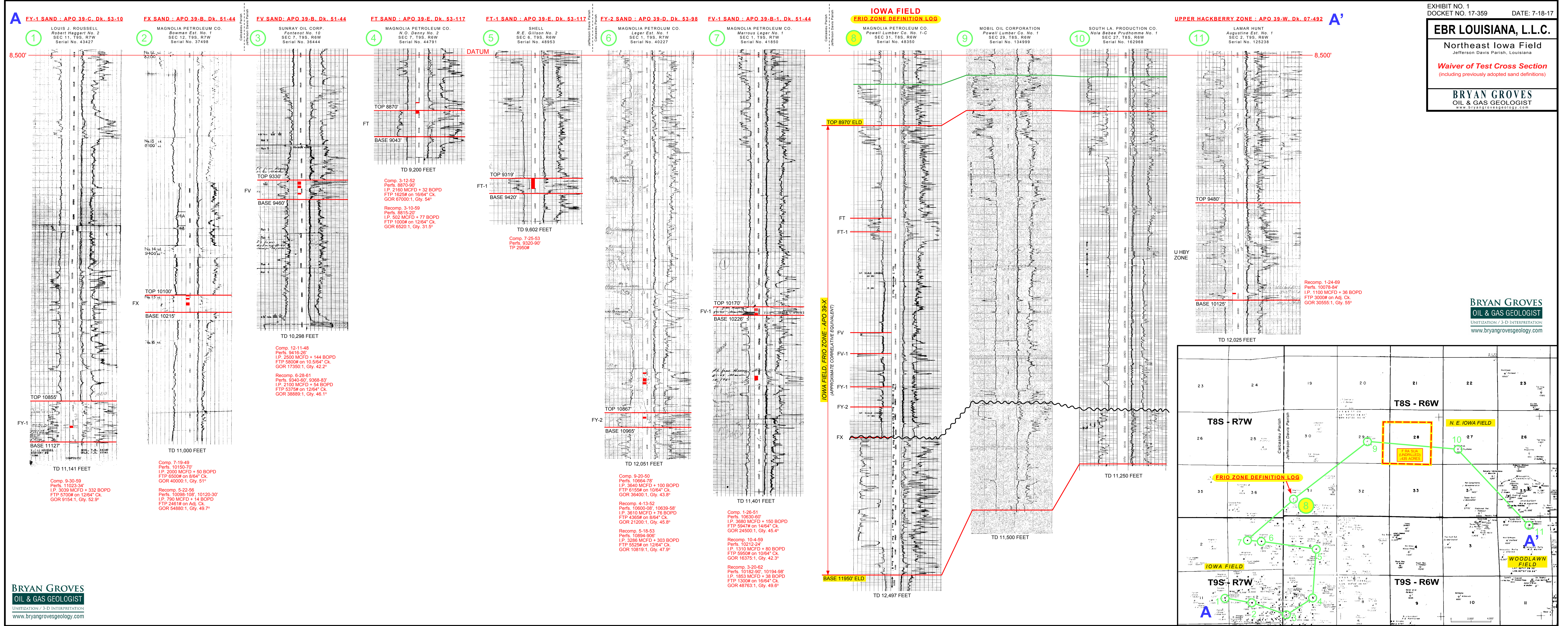
BRYAN GROVES
OIL & GAS GEOLOGIST

UNITIZATION / 3-D INTERPRETATION

www.bryangrovesgeology.com

EBR LOUISIANA, L.L.C.
Northeast Iowa Field
Jefferson Davis Parish, Louisiana
Waiver of Test Cross Section
(including previously adopted sand definitions)
BRYAN GROVES
OIL & GAS GEOLOGIST
www.bryangrovesgeology.com

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BRYAN S. GROVES

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E-mail: geogroves@gmail.com
www.bryangrovesgeology.com

March 28, 2017

Honorable Richard Ieyoub
Commissioner of Conservation
Louisiana Office of Conservation
Post Office Box 94275
Baton Rouge, LA 70804

Re: Request for Waiver of "Production Test in the Field"
EBR Louisiana, LLC
Frio Zone (APO 39-X, Iowa Field)
Northeast Iowa Field Area, Jefferson Davis Parish, Louisiana ("Subject Area")

Dear Commissioner Ieyoub:

On behalf of EBR Louisiana, LLC, a waiver of the production test, in the field policy, is requested in connection with the unitization of the above-mentioned zone in accordance with the Office of Conservation Policy Memorandum dated March 16, 1998.

EBR plans to drill a well to test the referenced zone, in the Northeast Iowa Field area, Jefferson Davis Parish, Louisiana. In conjunction with the drilling of this well, EBR plans to propose a geographic unit. To date, the referenced proposed zone has not produced in the Northeast Iowa Field area; therefore, if a unit is to be formed, proof of productivity must be authorized pursuant to the May 16, 1998, Memorandum.

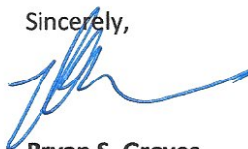
Individual sand members within the referenced adopted zone are proven productive in Iowa Field located to the southwest of the "Subject Area" and in Woodlawn Field located to the southeast of the "Subject Area" as can be seen on the enclosed cross-section montage. The cross-section exhibits productive sands within the adopted Frio Zone member in Iowa & Woodlawn Fields and how these zones relate to the Northeast Iowa Field area.

Approval of this request will provide a vehicle whereby a Frio Zone test can be drilled in the Northeast Iowa Field area. Approval of a waiver in this instance would be consistent with other waivers that have been granted and would greatly facilitate drilling of the proposed well.

Should you find a waiver appropriate in this case, please indicate your approval by sending a confirmatory letter, or by indicating your approval in the space provided below and returning a copy of this letter to the undersigned.

Your assistance in this matter is greatly appreciated. If you have any questions or comments please call 337.233-8032.

Sincerely,



Bryan S. Groves
Geologist

Waiver Request Granted this 4th day of April, 2017.
By David Elfert
David Elfert, Geological Director, Louisiana Office of Conservation

EXHIBIT NO. 2
DOCKET NO. 17-359
DATE: 7-18-17

EBR LOUISIANA, L.L.C.

NORTHEAST IOWA FIELD
JEFFERSON DAVIS PARISH, LOUISIANA

Waiver of Test Letter

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1" LOG

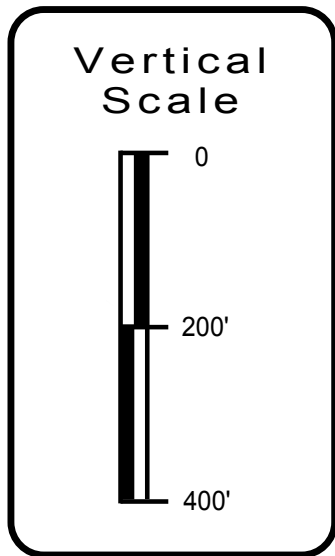
MAGNOLIA PETROLEUM CO.

Powell Lumber Co., Inc. #1-C

Sec. 31, T8S, R6W

Serial No. 48350

ZONE DEFINITION LOG
Frio Zone
8,970-11,950 feet ELD



TOP 8,970' ELD

FRIO ZONE - APO 39-X - Iowa Field

BASE 11,950' ELD

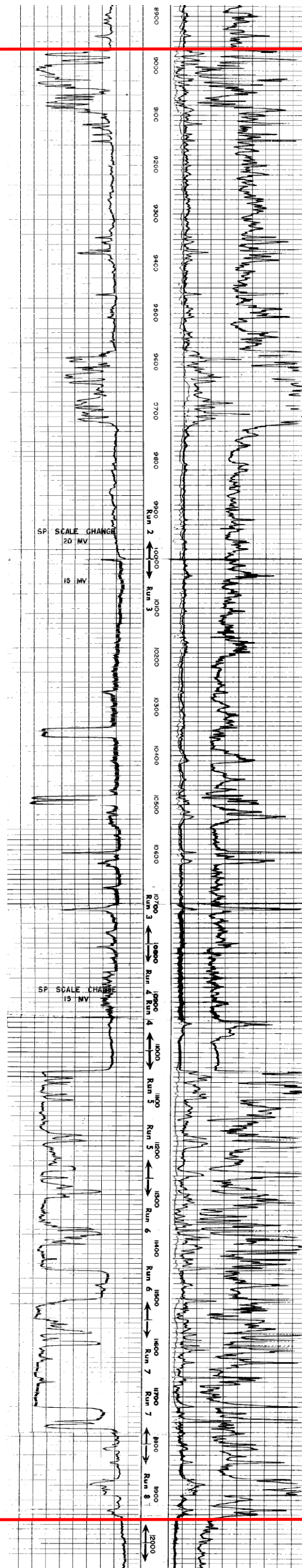


EXHIBIT NO. 3
DOCKET NO. 17-359

DATE: 7-18-17

EBR LOUISIANA, L.L.C.

NORTHEAST IOWA FIELD
JEFFERSON DAVIS PARISH, LOUISIANA

ZONE DEFINITION LOG
Frio Zone

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R 6 W

19

20

21

22

JP Owen
Beebe
1
11326'

Stout Realty

Mrs. Josette Beebe

Mrs. Mary H.
Fontenot

Obie Fontenot

Martin Slack

Martin Slack,
Jr., et al

Joyce Ann Beebe
Arceneaux

F R A S U A
(UNDRILLED)
± 370 ACRES

Amerada
Clark
1
10006'

30

29

Mobil
Powell
1
11500'

F. L. Marcantel

28

David Kirk
Beebe, et ux

Lee H. Beebe

27

So. LA Prod.
Prudhomme
1
11250'

26

CF Braun
Harlan
1
11474'

Powell Lbr. Co.

David Hoak, et al

Chris Beebe

Lee H. Beebe

T
8
S

31

EDC
Alston
1
4850'
3
9800'

Jos. H.
Marcantel

Lucius M.
Norcon, et al

J. Lee
Marcantel

Drew Brian Beebe, et ux

Allen J. Dewolf, et al

Jesse Newcomer, Jr.

Roberts-
Whitestone
Marville
1
11267'

35
Zinn
(Roberts)
Hoppe
1
2351'
1(2)
12220'

32

Mrs. Josette Beebe

L. M.
Marcantel, et al

33

34
Pet. Consultants
Newcomer
1
9800'

EXHIBIT NO. 4

DOCKET NO. 17-359

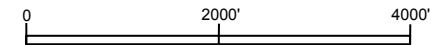
DATE: 7-18-17

PLAT FILED WITH PRE-APP NOTICE

EBR LOUISIANA, L.L.C.

NORTHEAST IOWA FIELD
JEFFERSON DAVIS PARISH, LOUISIANA

PROPOSED UNIT
FRIO ZONE



1
9699'
16
9755'
1
9755'
1
11827'
2
9736'

1
3627'
Pan Am
Harlan
1
11000'
Stanolind
Harlan
1
11500'
4
10962'
2
9622'
3
11000'

5

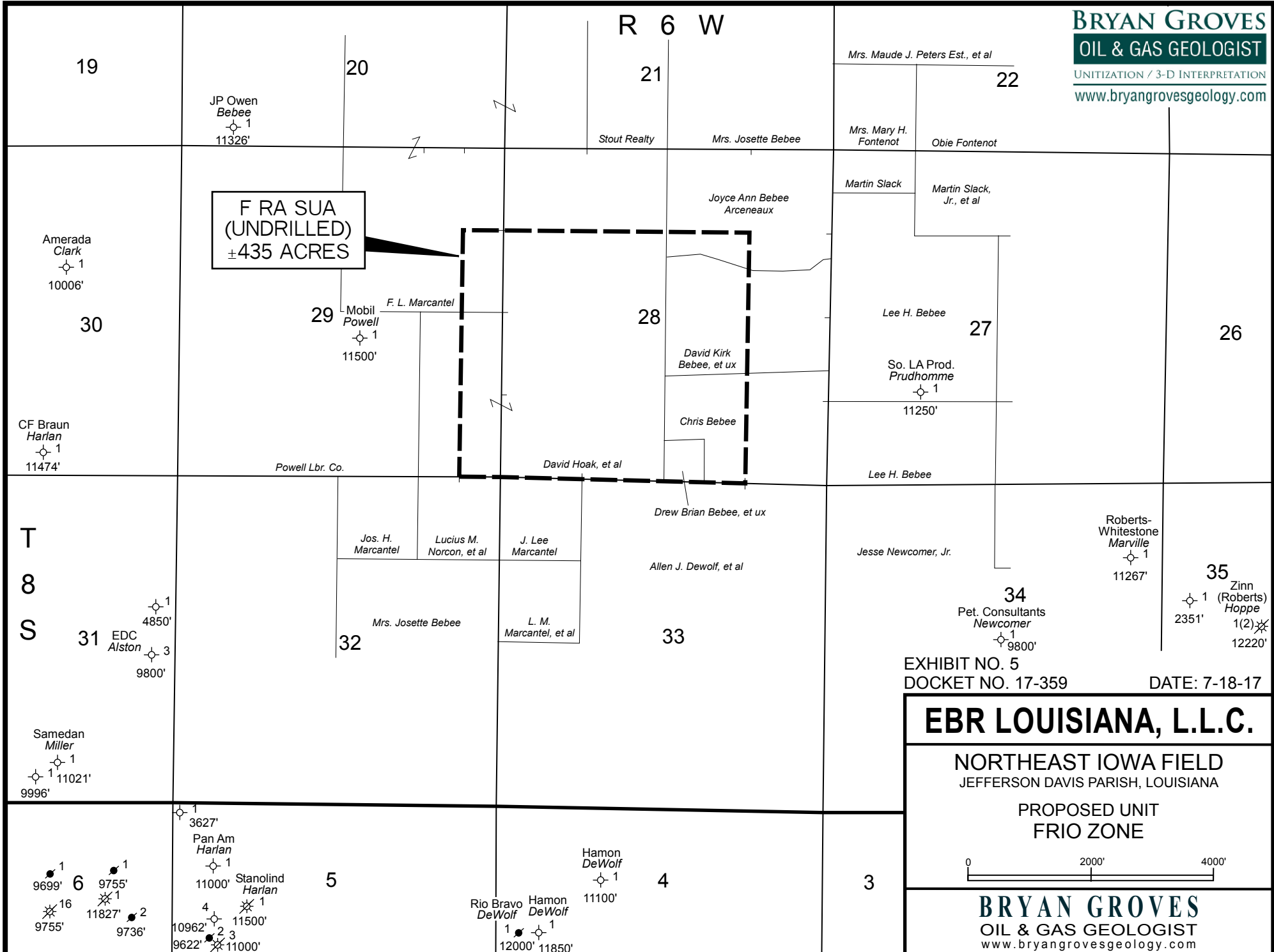
Rio Bravo
DeWolf
1
12000'
Hamon
DeWolf
1
11850'

Hamon
DeWolf
1
11100'

4

3

R 6 W



**F RA SUA
(UNDRILLED)
±435 ACRES**

EXHIBIT NO. 5
DOCKET NO. 17-359 DATE: 7-18-17

EBR LOUISIANA, L.L.C.

NORTHEAST IOWA FIELD
JEFFERSON DAVIS PARISH, LOUISIANA

PROPOSED UNIT
FRIO ZONE

0 2000' 4000'

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