

APPLICANT

EXTEX OPERATING CO.

West Gueydan Field

VERMILION PARISH, LOUISIANA

Docket No. 18-6
Proposed Unit
Miocene Zone, Reservoir A

January 9, 2018

Witness: Bryan S. Groves

prepared by

BRYAN GROVES

OIL & GAS GEOLOGIST

UNITIZATION / 3-D INTERPRETATION

www.bryangrovesgeology.com

PROSPECTS WORK FLOW

DOCKET No.
18-6
MIO RA SUA

EXTEX OPER. CO.

Prospect Basis:
Integration of
Subsurface Mapping &
3-D Seismic Time Data

DOCKET No.
18-5
MIO RB SUA

TEJAS VIEJO LAND COMPANY

Prospect Basis:
Integration of
Subsurface Mapping &
3-D Seismic Depth
Migrated Data

COMPREHENSIVE FARMOUT AGREEMENT

Includes:

- Acreage Farm-out Terms
- Expense Sharing
- Road Infrastructure Usage
- Salt Water Disposal
- Natural Gas Pipeline Transportation
- Surface Production Facilities
- Other Items

**MULTIPLE UNIT
TERMINATIONS**

TWO UNIT PROPOSALS

**AT LEAST TWO
TEST WELLS WILL
BE DRILLED**

EXHIBIT NO. 1A
DOCKET NO. 18-6 DATE: 1-9-18

EXTEX OPERATING CO.

WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA

PROSPECTS WORK FLOW

BRYAN GROVES
OIL & GAS GEOLOGIST
www.bryangrovesgeology.com

September 30, 2016: Groves met with LDNR Senior Staff Members to discuss "Paragraph 5/6" unitization matter

November 11, 2016: Groves filed to terminate multiple unitized reservoirs

April 24, 2017: LDNR Commissioner signed multiple unit termination orders

Interim: Extex and Tejas worked out the components of their Comprehensive Farm-out Agreement

October 26, 2017: Groves filed for the unitization for the Miocene Zone, Reservoirs A & B

January 9, 2018: Hearing for the Miocene Zone, Reservoirs A & B

EXHIBIT NO. 1B
DOCKET NO. 18-6

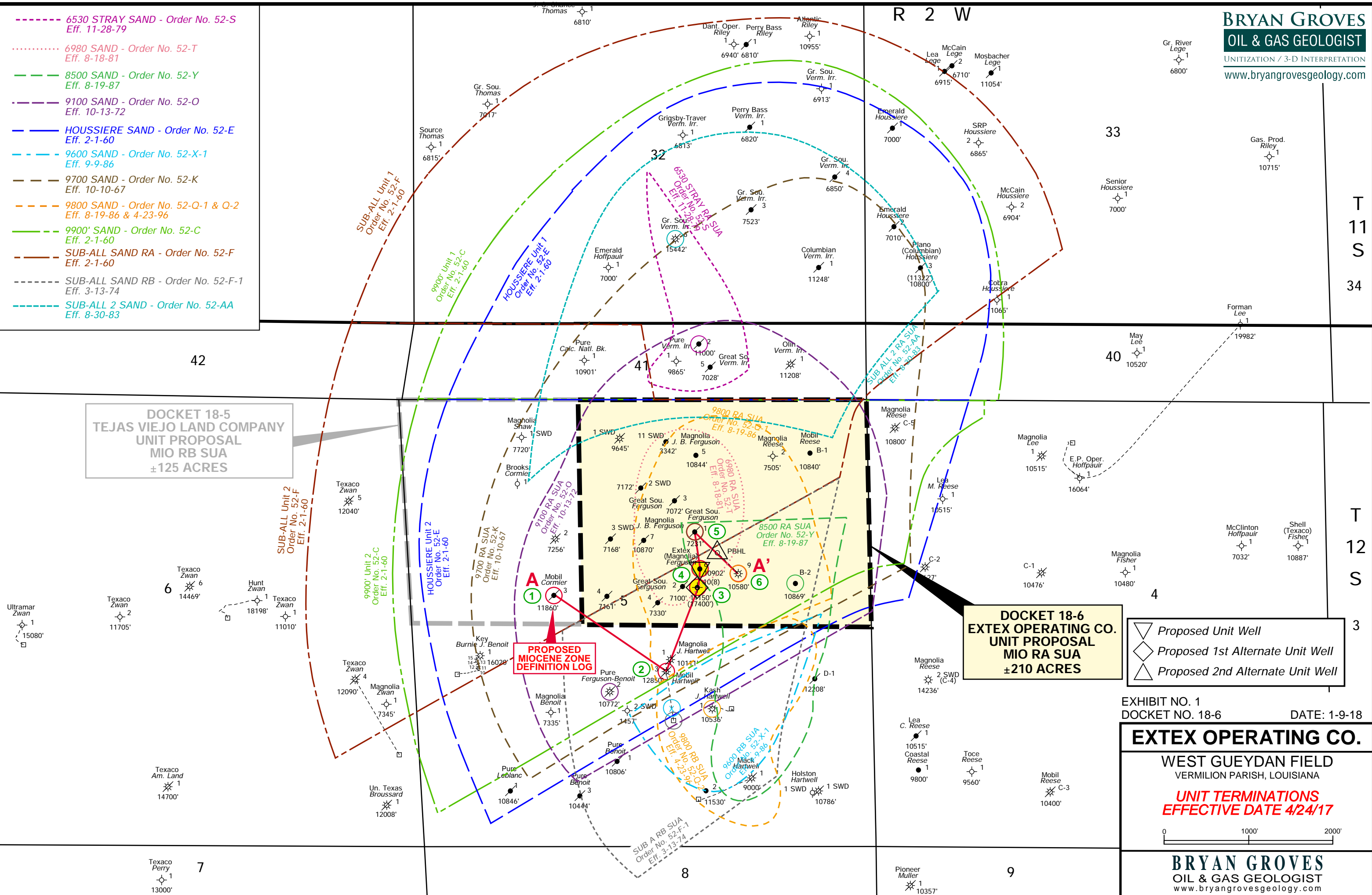
DATE: 1-9-18

EXTEX OPERATING CO.

WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA

TIMELINE OF EVENTS

- 6530 STRAY SAND - Order No. 52-S
Eff. 11-28-79
- 6980 SAND - Order No. 52-T
Eff. 8-18-81
- 8500 SAND - Order No. 52-Y
Eff. 8-19-87
- 9100 SAND - Order No. 52-O
Eff. 10-13-72
- HOUSSIERE SAND - Order No. 52-E
Eff. 2-1-60
- 9600 SAND - Order No. 52-X-1
Eff. 9-9-86
- 9700 SAND - Order No. 52-K
Eff. 10-10-67
- 9800 SAND - Order No. 52-Q-1 & Q-2
Eff. 8-19-86 & 4-23-96
- 9900 SAND - Order No. 52-C
Eff. 2-1-60
- SUB-ALL SAND RA - Order No. 52-F
Eff. 2-1-60
- SUB-ALL SAND RB - Order No. 52-F-1
Eff. 3-13-74
- SUB-ALL 2 SAND - Order No. 52-AA
Eff. 8-30-83



DOCKET 18-5
TEJAS VIEJO LAND COMPANY
UNIT PROPOSAL
MIO RB SUA
 ±125 ACRES

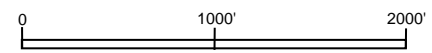
DOCKET 18-6
EXTEX OPERATING CO.
UNIT PROPOSAL
MIO RA SUA
 ±210 ACRES

PROPOSED
MIOCENE ZONE
DEFINITION LOG

- ▽ Proposed Unit Well
- ◇ Proposed 1st Alternate Unit Well
- △ Proposed 2nd Alternate Unit Well

EXHIBIT NO. 1
 DOCKET NO. 18-6
 DATE: 1-9-18

EXTEX OPERATING CO.
 WEST GUEYDAN FIELD
 VERMILION PARISH, LOUISIANA
UNIT TERMINATIONS
EFFECTIVE DATE 4/24/17

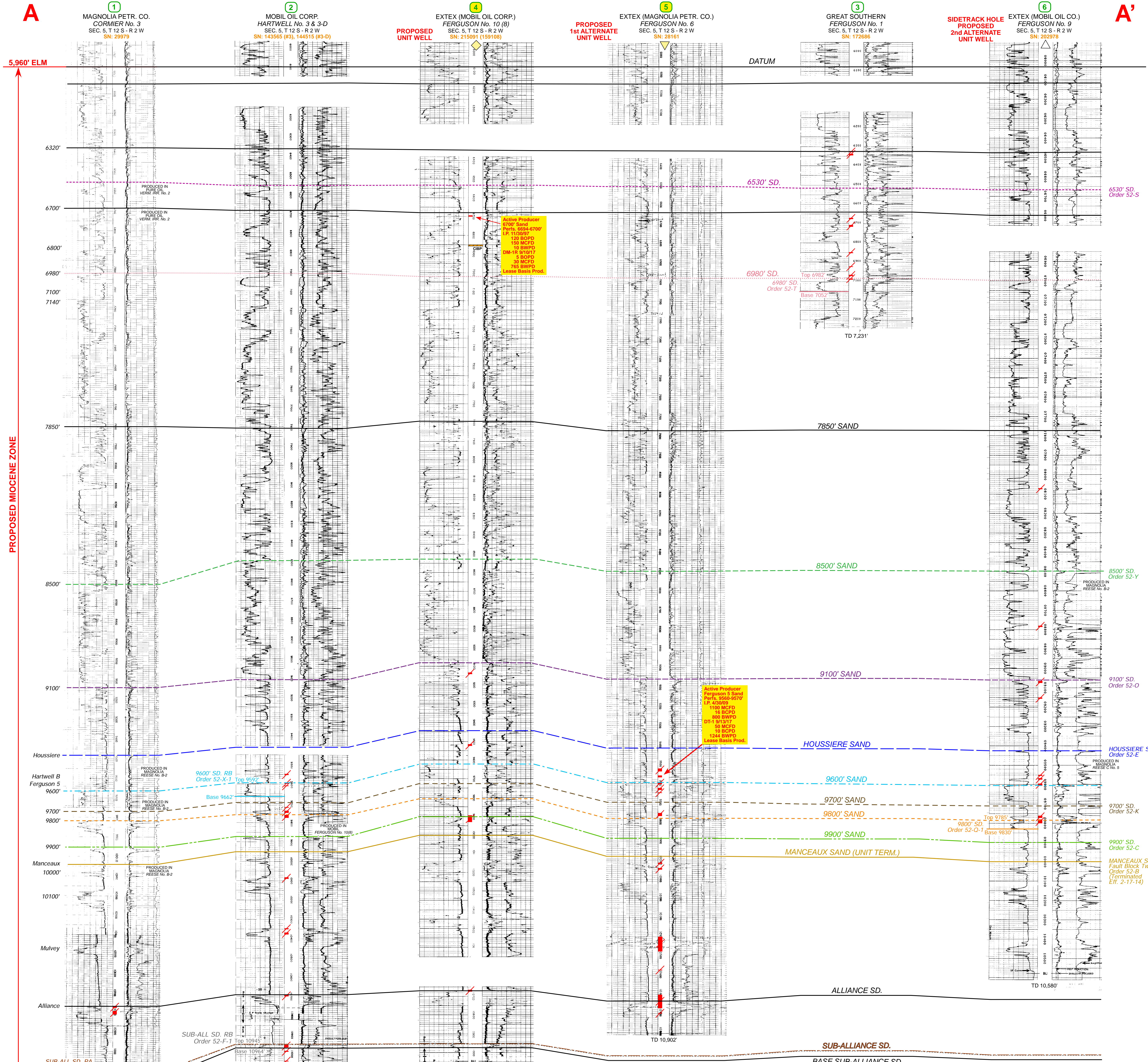


PROPOSED MIOCENE ZONE DEFINITION LOG

ACTIVE PRODUCER LEASE BASIS

ACTIVE PRODUCER LEASE BASIS

PROPOSED RE-ENTRY AND SIDETRACK



Estimated Date	Perforations	Sand
August 30, 1943	10,819	10,813
August 30, 1943	10,435	10,437
August 30, 1943	10,400	10,425
April 10, 1946	9,634	9,636
April 10, 1946	10,422	10,426
April 10, 1946	9,648	9,649
April 10, 1946	9,596	9,598
April 10, 1946	9,626	9,630
August 22, 1983	10,723	10,782
August 22, 1983	10,720	10,772
October 4, 1989	10,814	10,807
August 13, 1993	9,756	9,770
1988	9,685	9,685
April 30, 2009	9,560	9,570
August 22, 1983	10,800	10,475
May 2, 1976	10,723	10,772
March 30, 1976	10,797	10,799
March 30, 1976	10,577	10,574
December 4, 1980	10,450	10,472
December 4, 1980	10,472	10,475
June 23, 1991	10,404	10,430
June 26, 1991	10,432	10,440
June 21, 1991	10,042	10,050
March 20, 2009	9,534	9,539

Estimated Date	Perforations	Sand
March 15, 1945	10,292	10,796
March 15, 1945	10,306	10,308
7	10,768	10,774
June 11, 1959	11,276	11,330
June 14, 1959	11,676	11,682
June 16, 1959	11,434	11,440
June 16, 1959	11,446	11,452
June 18, 1959	11,109	11,120
June 18, 1959	11,124	11,126

Estimated Date	Perforations	Sand
December 11, 1973	11,032	11,043
December 12, 1973	9,772	9,774
December 12, 1973	9,720	9,722
December 12, 1973	9,720	9,720
December 26, 1973	10,346	10,350
March 26, 1982	10,358	10,368
June 7, 1986	9,608	9,610
June 7, 1986	9,550	9,552
June 30, 1986	9,562	9,568
April 2, 1996	3,995	4,005
May 3, 1996	3,970	3,980

Estimated Date	Perforations	Sand
November 4, 1992	10,665	10,676
November 4, 1992	9,906	9,907
February 3, 1995	9,506	9,516
October 4, 1997	9,130	9,140
December 1, 1997	6,694	6,700

Estimated Date	Perforations	Sand
December 11, 1973	11,032	11,044
December 12, 1973	9,772	9,774
December 12, 1973	9,720	9,722
December 24, 1973	10,947	10,962
December 12, 1973	9,720	9,720
March 26, 1982	10,650	10,658
February 11, 1983	10,346	10,350
February 11, 1983	10,358	10,368
December 26, 1973	9,738	9,749
September 26, 1984	10,087	10,089
June 20, 1986	9,502	9,505
June 7, 1986	9,608	9,610
June 7, 1986	9,560	9,562
April 15, 1996	3,995	4,005
May 3, 1996	3,970	3,980

Estimated Date	Perforations	Sand
December 11, 1973	11,032	11,044
December 12, 1973	9,772	9,774
December 12, 1973	9,720	9,722
December 24, 1973	10,947	10,962
December 12, 1973	9,720	9,720
March 26, 1982	10,650	10,658
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June 7, 1986	9,608	9,610
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April 15, 1996	3,995	4,005
May 3, 1996	3,970	3,980

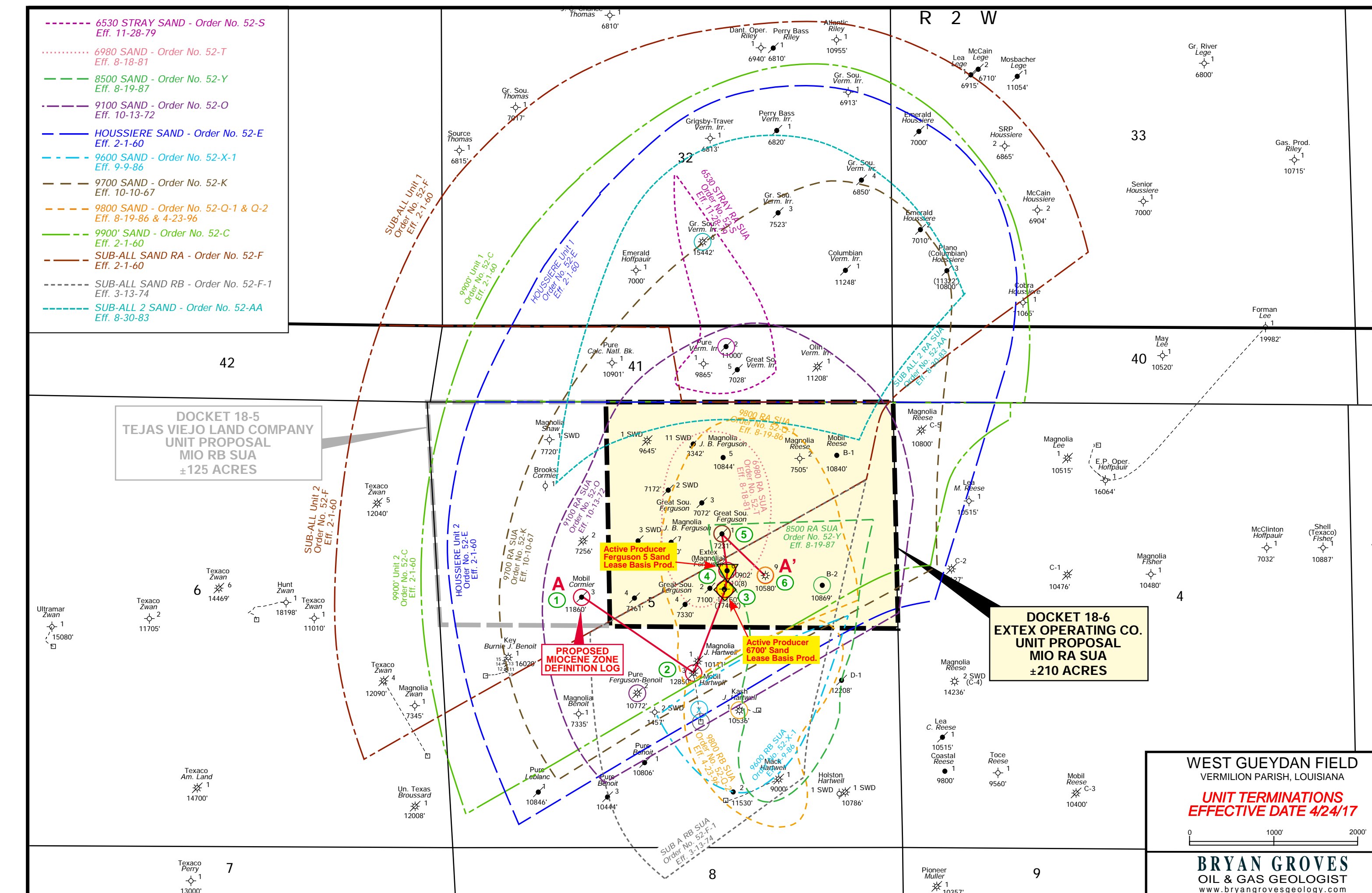
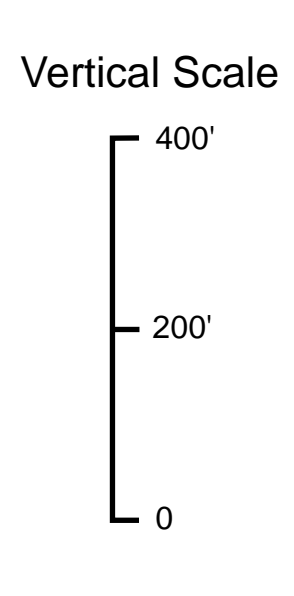


EXHIBIT NO. 2
DOCKET NO. 18-6 DATE: 1-9-18

EXTEX OPERATING CO.
WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA
CORRELATION SECTION
A-A'
"Paragraph 5/6" Evidence

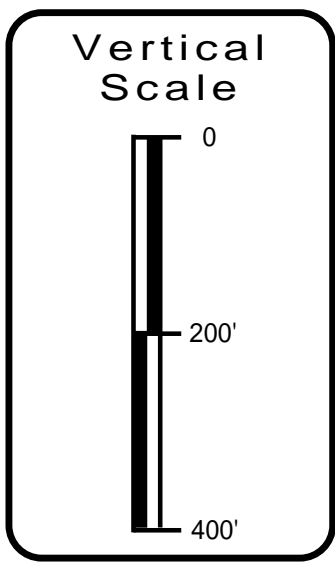
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WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA
UNIT TERMINATIONS
EFFECTIVE DATE 4/24/17
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ZONE DEFINITION LOG
Miocene Zone
5,960-11,125 feet ELD



MIOCENE ZONE

TOP 5,960' ELD

BASE 11,135' ELD

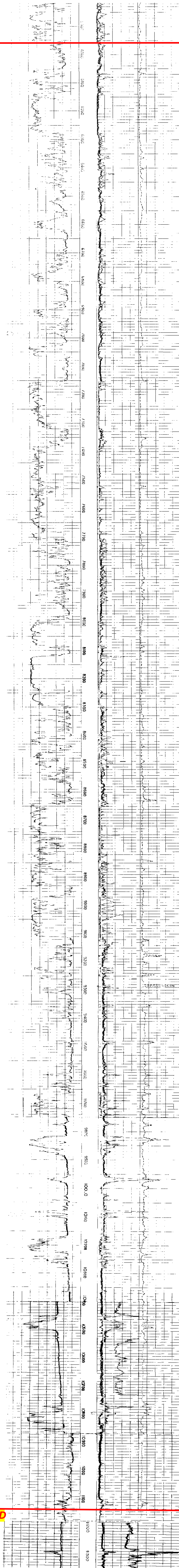
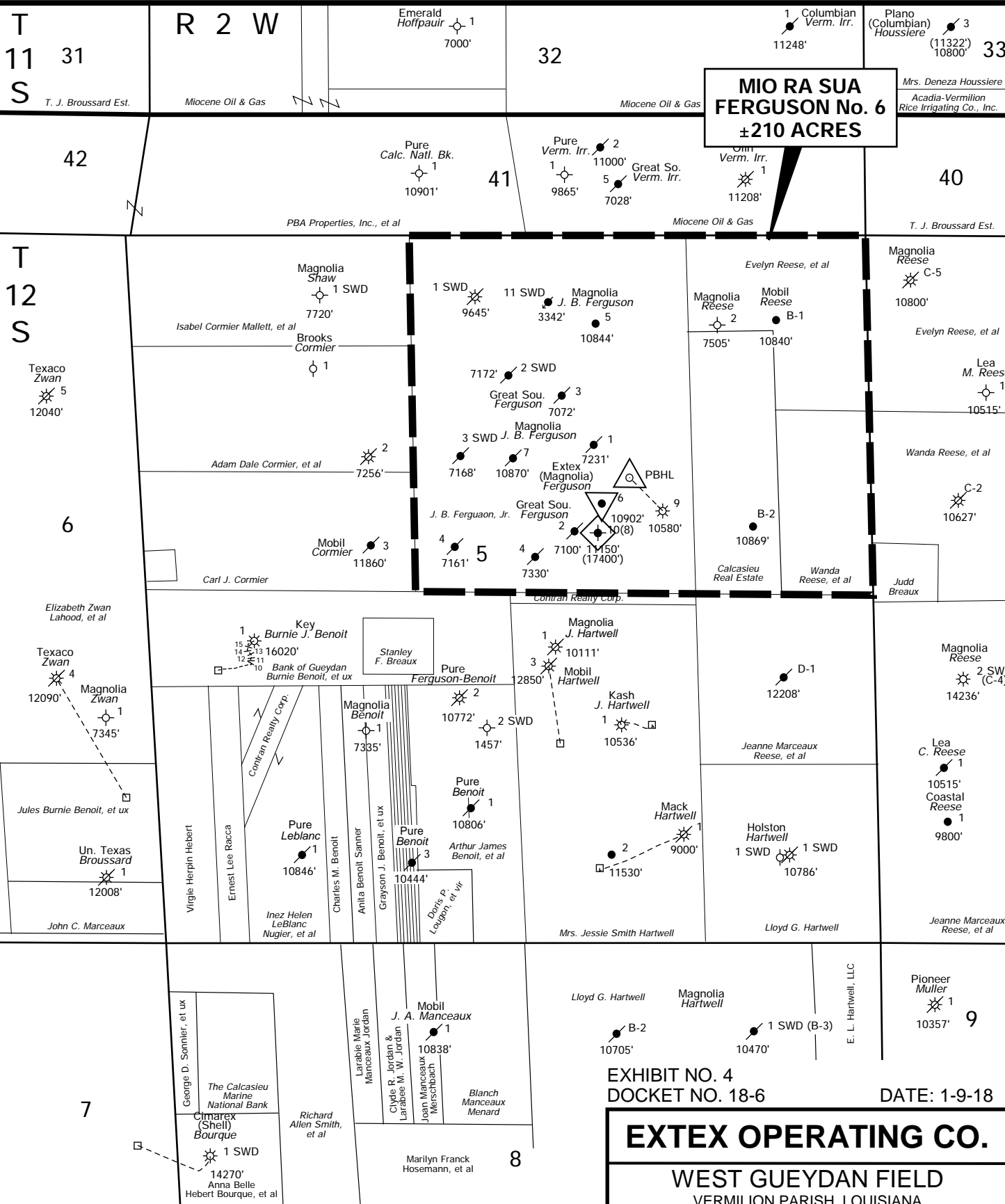


EXHIBIT NO. 3
DOCKET NO. 18-6 DATE: 1-9-18

EXTEX OPERATING CO.

WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA




ZONE DEFINITION LOG
Miocene Zone



**MIO RA SUA
FERGUSON No. 6
±210 ACRES**

NOTE: ALL BOUNDARIES ARE GEOGRAPHIC

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-  Proposed Unit Well
-  Proposed 1st Alternate Unit Well
-  Proposed 2nd Alternate Unit Well

**EXHIBIT NO. 4
DOCKET NO. 18-6 DATE: 1-9-18**

EXTEX OPERATING CO.

**WEST GUEYDAN FIELD
VERMILION PARISH, LOUISIANA**

**PROPOSED UNIT
MIOCENE ZONE, RESERVOIR A**

0 1000' 2000'

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