

TRACT 44991 - Caddo Parish, Louisiana

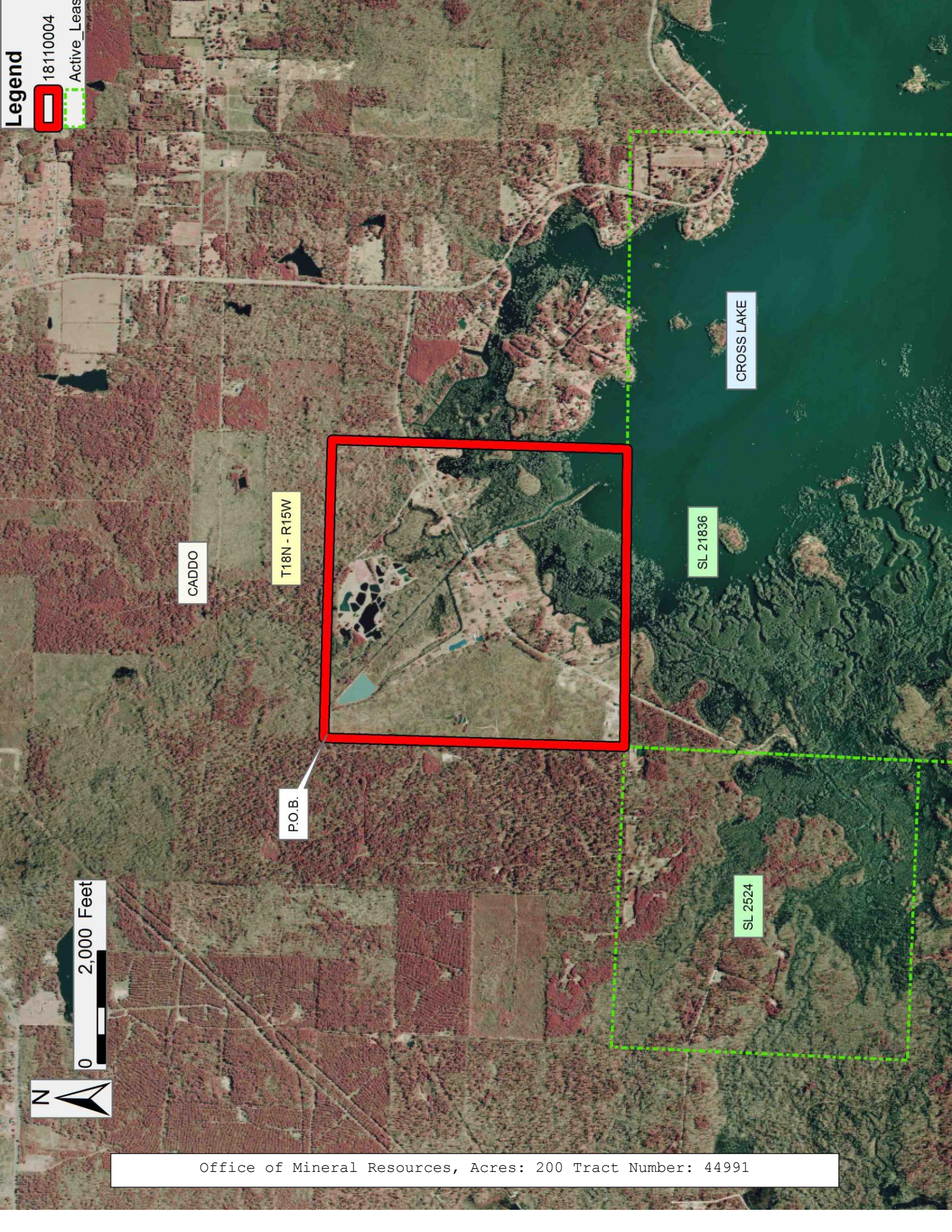
All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Caddo Parish, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 1,558,583.88 and Y = 685,939.22; thence South 88 degrees 54 minutes 53 seconds East 5,318.25 feet to a point having Coordinates of X = 1,563,901.18 and Y = 685,838.49; thence South 01 degrees 16 minutes 03 seconds West 5,266.28 feet to a point on the North line of State Lease No. 21836 having Coordinates of X = 1,563,784.69 and Y = 680,573.50; thence West approximately 5,307 feet along the Northern boundary of said State Lease No. 21836 to its Northwest corner, said point also being the Northeast corner of State Lease No. 2524 having a Coordinate of Y = 680,573.50; thence North 01 degrees 07 minutes 54 seconds East approximately 5,367 feet to the point of beginning, containing approximately **200 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

NOTE: The above description of the Tract nominated for lease has been provided and corrected, where required, exclusively by the nomination party. Any mineral lease selected from this Tract and awarded by the Louisiana State Mineral and Energy Board shall be without warranty of any kind, either express, implied, or statutory, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Should the mineral lease awarded by the Louisiana State Mineral and Energy Board be subsequently modified, cancelled or abrogated due to the existence of conflicting leases, operating agreements, private claims or other future obligations or conditions which may affect all or any portion of the leased Tract, it shall not relieve the Lessee of the obligation to pay any bonus due thereon to the Louisiana State Mineral and Energy Board, nor shall the Louisiana State Mineral and Energy Board be obligated to refund any consideration paid by the Lessor prior to such modification, cancellation, or abrogation, including, but not limited to, bonuses, rentals and royalties.

NOTE: Lessee agrees not to erect any derrick, tank, warehouse or other equipment or structure on the leased premises nor shall lessee interfere, in any manner, with lessor's use of the property. Lessee shall have, however, the complete right to drill for, produce, extract and recover the minerals in and beneath said land by drilling or other operations conducted from the surface of other lands or by the pooling or unitization of the leased premises with other land, lease or leases in the area.

Applicant: MCGINTY-DURHAM, INC.

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other



Legend



18110004



Active_Leads

CADDO

T18N - R15W

P.O.B.

CROSS LAKE

SL 21836

SL 2524

2,000 Feet

0



Office of Mineral Resources, Acres: 200 Tract Number: 44991

TRACT 44992 - Caddo Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Caddo Parish, Louisiana, and more particularly described as follows: A fifty percent (50%) interest in that part of the bed of Cross Lake and any other water bodies included within Section 30, Township 18 North, Range 15 West, Caddo Parish, Louisiana, **INSOFAR AND ONLY INSOFAR** as to those depths located below the base of the Rodessa Hill Formation, **LESS AND EXCEPT** any portion of State Lease No. 2524 that may lie within the above described tract. The above tract contains approximately **335 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: Lessee agrees not to erect any derrick, tank, warehouse or other equipment or structure on the leased premises nor shall lessee interfere, in any manner, with lessor's use of the property. Lessee shall have, however, the complete right to drill for, produce, extract and recover the minerals in and beneath said land by drilling or other operations conducted from the surface of other lands or by the pooling or unitization of the leased premises with other land, lease or leases in the area.

Applicant: MCGINTY-DURHAM, INC.

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend



18110003



0 2,000 Feet

CADDO

SEC 19

T18N - R15W

SEC 30

SL 2524

SEC 31

T18N - R15W

SEC 25

SEC 29

TRACT 44993 - Caddo Parish, Louisiana

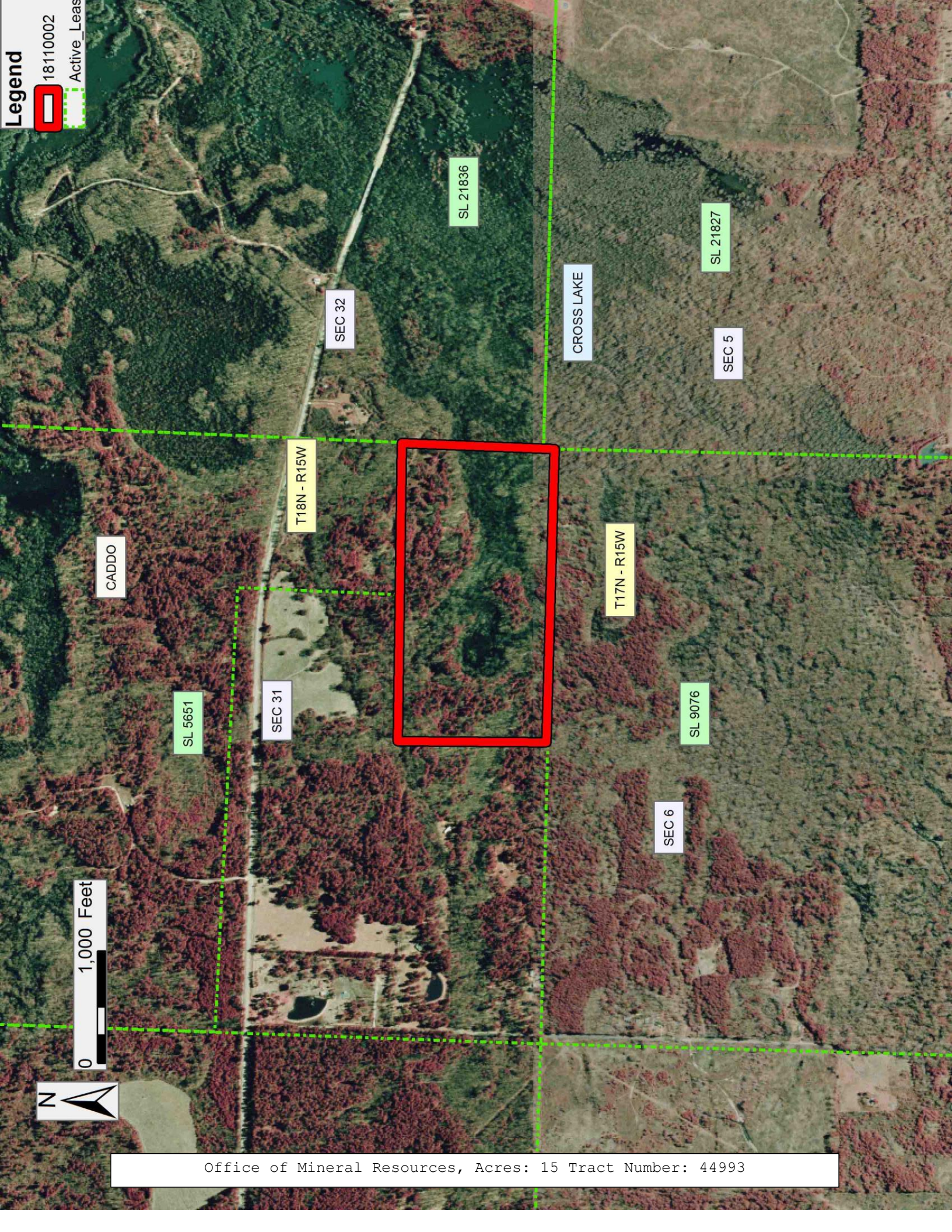
All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Caddo Parish, Louisiana, and more particularly described as follows: The South Half of the Southeast Quarter (S/2 of SE/4) of Section 31, Township 18 North, Range 15 West, Caddo Parish, Louisiana, containing approximately **15.00 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: Lessee agrees not to erect any derrick, tank, warehouse or other equipment or structure on the leased premises nor shall lessee interfere, in any manner, with lessor's use of the property. Lessee shall have, however, the complete right to drill for, produce, extract and recover the minerals in and beneath said land by drilling or other operations conducted from the surface of other lands or by the pooling or unitization of the leased premises with other land, lease or leases in the area.

Applicant: MCGINTY-DURHAM, INC.

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other



Legend

18110002



Active_Leads



CADDO

SL 5651

SEC 31

T18N - R15W

SEC 32

SL 21836

CROSS LAKE

SL 21827

SEC 5

T17N - R15W

SL 9076

SEC 6

1,000 Feet

0



Office of Mineral Resources, Acres: 15 Tract Number: 44993

TRACT 44994 - Caddo Parish, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Caddo Parish, Louisiana, and more particularly described as follows: Beginning at a point being the Southwest corner of Operating Agreement A0224 having Coordinates of X = 1,579,691.29 and Y = 671,248.14; thence East 4,485.93 feet along the Southern boundary of said Operating Agreement A0224 to a point having Coordinates of X = 1,584,177.22 and Y = 671,248.14; thence South 00 degrees 17 minutes 45 seconds West 6,974.69 feet to a point having Coordinates of X = 1,584,141.21 and Y = 664,273.54; thence North 89 degrees 19 minutes 19 seconds West 9,691.89 feet to a point on the East line of State Lease No. 21828 having Coordinates of X = 1,574,450.00 and Y = 664,388.23; thence North 5,305.65 feet along the East line of said State Lease No. 21828 to a point having Coordinates of X = 1,574,450.00 and Y = 669,693.88, said point also being a Southern corner of State Lease No. 21837; thence South 89 degrees 29 minutes 03 seconds East 5,241.50 feet along the South line of said State Lease No. 21837 to a point being its Southeast corner having Coordinates of X = 1,579,691.29 and Y = 669,646.68; thence North 1,601.46 feet along the East line of said State Lease No. 21837 to the point of beginning, containing approximately **418 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: Lessee agrees not to erect any derrick, tank, warehouse or other equipment or structure on the leased premises nor shall lessee interfere, in any manner, with lessor's use of the property. Lessee shall have, however, the complete right to drill for, produce, extract and recover the minerals in and beneath said land by drilling or other operations conducted from the

surface of other lands or by the pooling or unitization of the leased premises with other land, lease or leases in the area.

Applicant: MCGINTY-DURHAM, INC.

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend



18110005

Active_Leases

A0275

A0224

CADDO

CROSS LAKE

P.O.B.

SL 21837

T17N - R14W

T17N - R15W

SL 21828



TRACT 44995 - Bossier Parish, Louisiana

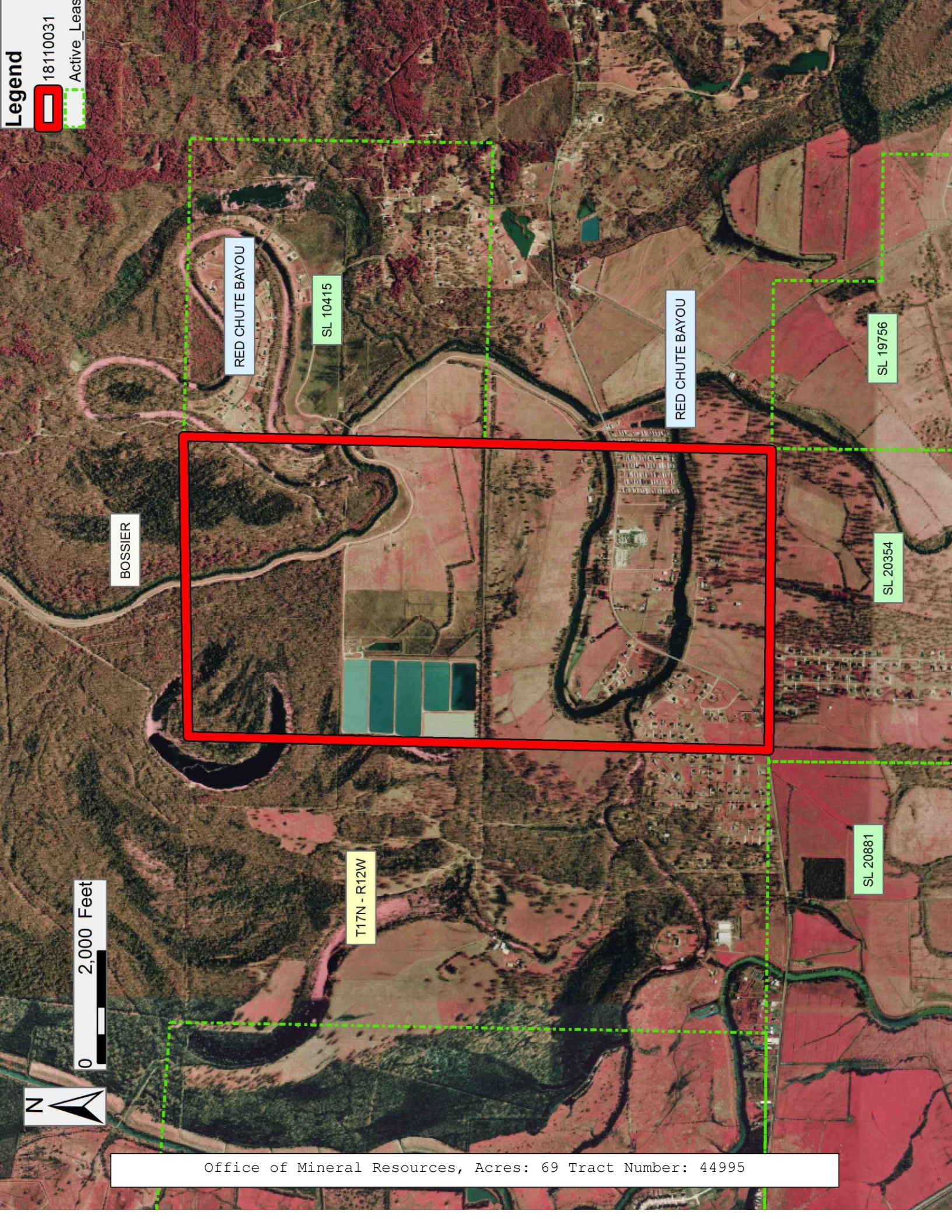
All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Bossier Parish, Louisiana, and more particularly described as follows: Claimable water bottoms located within Sections 16 & 21 of Township 17 North Range 12 West, in Bossier Parish **LESS AND EXCEPT** any right, title, and interest in lands owned by and not under lease from the State of Louisiana, on behalf of the Bossier Parish School Board, situated in Section 16, Township 17 North, Range 12 West, Bossier Parish, Louisiana, contained within the above described tract, and **LESS AND EXCEPT** any portion of State Lease No. 10415, as amended, State Lease No. 20354, as amended, and State Lease No. 19756, as amended, that might lie within the above described tract. This tract contains approximately **69 acres.**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: A portion of this tract is included within a unitized interval known as the HA RA SUS; Order 8-N-20, effective date 10/05/2010 within the Sligo Oil & Gas Field and operated by GEP Haynesville, LLC. The KHL MIN 16-21 H No. 001, SN 250760 serves as the designated unit well and was completed/tested at a rate of 23,230 mcf/d on June 21, 2018. Total reported production since completion is 144,474 mcf.

Applicant: STAFF OFFICE OF MINERAL RESOURCES

Bidder	Cash Payment	Price/ Acre	Rental	Oil	Gas	Other



Legend

18110031

Active_Leads

BOSSIER

RED CHUTE BAYOU

SL 10415

RED CHUTE BAYOU

SL 19756

SL 20354

T17N - R12W

SL 20881

0 2,000 Feet



Office of Mineral Resources, Acres: 69 Tract Number: 44995

TRACT 44996 - Bossier and Caddo Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Bossier and Caddo Parishes, Louisiana, and more particularly described as follows: Beginning at the Northwest corner of State Lease No. 10634, as amended, also being a point on the Southern boundary of State Lease No. 19758 having Coordinates of X = 1,646,400.00 and Y = 630,800.00; thence South 5,400.00 feet along the West boundary of said State Lease No. 10634 to its Southwest corner, having Coordinates of X = 1,646,400.00 and Y = 625,400.00; thence West 5,367.47 feet to a point having Coordinates of X = 1,641,032.53 and Y = 625,400.00; thence North 668.65 feet to the Southeast corner of Operating Agreement AO 315, having Coordinates of X = 1,641,032.53 and Y = 626,068.65; thence North 00 degrees 39 minutes 41 seconds West 4,731.67 feet along the East boundary of said Operating Agreement AO 315 to a point having Coordinates of X = 1,640,977.91 and Y = 630,800.00; thence East 4,750.26 feet to the Southwest corner of said State Lease No. 19758 having Coordinates of X = 1,645,728.17 and Y = 630,800.00; thence East 671.83 feet along the Southern boundary of said State Lease No. 19758 to the point of beginning, **LESS AND EXCEPT** all that portion, if any of State Lease Nos. 6931, as amended and 10965, as amended, and Operating Agreement No. AO 315, that may fall within the above described tract, containing approximately **126.276 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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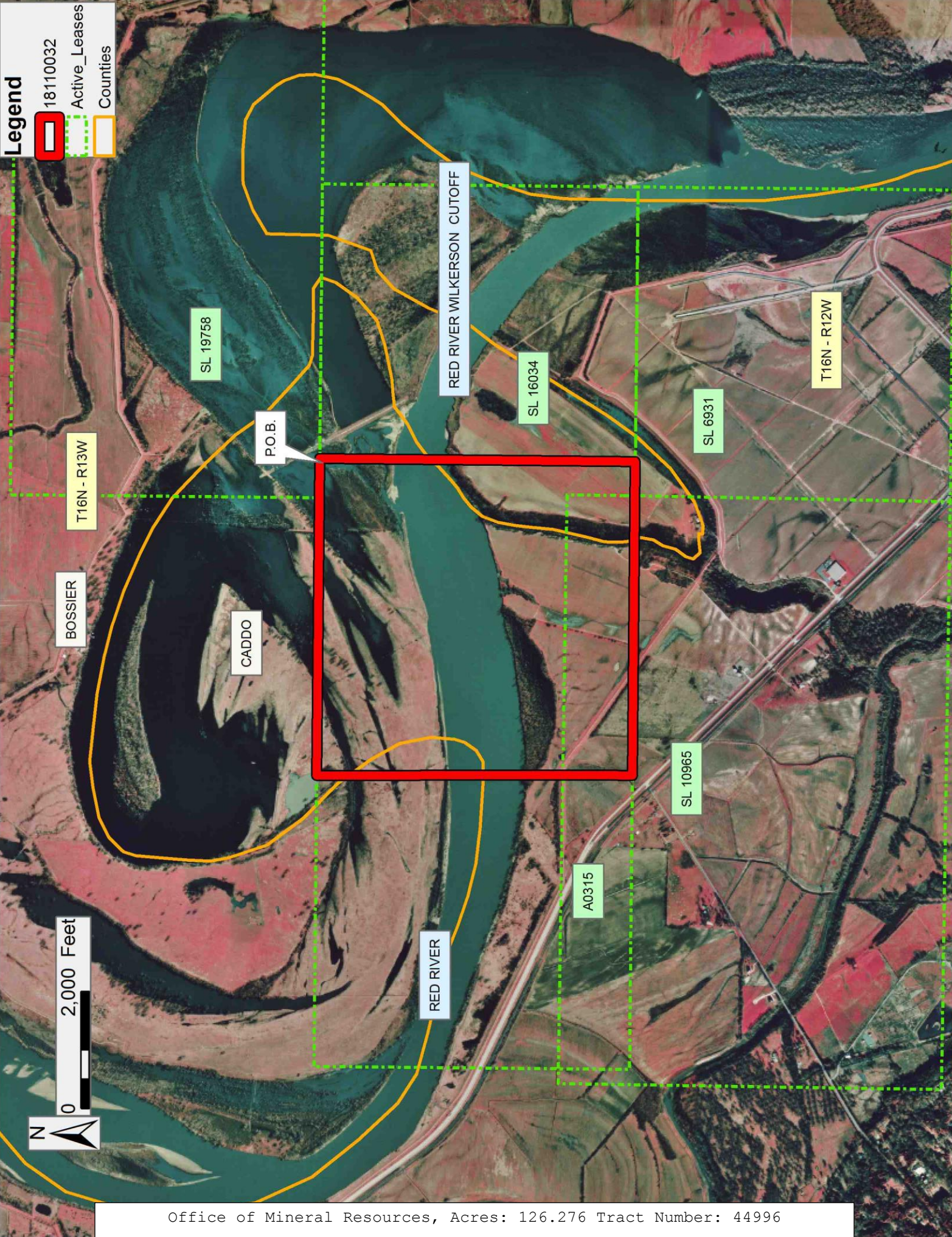
NOTE: The Office of Mineral Resources will require a minimum bonus of \$1750 per acre and a minimum royalty of 25%.

Applicant: STAFF OFFICE OF MINERAL RESOURCES

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend

- 18110032
- Active_Leases
- Counties



Office of Mineral Resources, Acres: 126.276 Tract Number: 44996

TRACT 44997 - Pointe Coupee and West Feliciana Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Pointe Coupee and West Feliciana Parishes, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 1,913,197.00 and Y = 814,942.92; thence South 89 degrees 26 minutes 38 seconds East 10,949.08 feet to a point having Coordinates of X = 1,924,145.56 and Y = 814,836.65; thence South 36 degrees 25 minutes 41 seconds East 16,907.74 feet to a point having Coordinates of X = 1,934,185.58 and Y = 801,232.62; thence West 8,113.86 feet to a point having Coordinates of X = 1,926,071.72 and Y = 801,232.62; thence North 03 degrees 25 minutes 54 seconds West approximately 6,417 feet to the Southeast corner of State Lease No. 8129 as amended; thence along the boundaries of said State Lease No. 8129 the following courses: North 37 degrees 15 minutes 54 seconds East approximately 1,837 feet to a point, along an arc with a radius of 25,510 feet and a center of X = 1,910,091.87 and Y = 789,149.82, North 55 degrees 06 minutes 41 seconds West 3,244.25 feet to a point and South 39 degrees 10 minutes 10 seconds West approximately 1,383 feet to its Southwest corner; thence North 85 degrees 44 minutes 58 seconds West approximately 9,372 feet to a point having Coordinates of X = 1,913,919.25 and Y = 810,578.94; thence North 09 degrees 23 minutes 51 seconds West 4,423.35 feet to the point of beginning, **LESS AND EXCEPT** any right, title, and interest in lands owned by and not under lease from the State of Louisiana, on behalf of the Pointe Coupee and West Feliciana Parish School Boards, situated in Section 16, Township 02 South, Range 09 East, Pointe Coupee and West Feliciana Parishes, Louisiana, contained within the above described tract, This tract includes only waterbottoms claimed and owned by the state and specifically excludes any land which the state may claim or own and to which the mineral rights are vested in the state), containing approximately **523 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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Louisiana State Mineral and Energy Board be obligated to refund any consideration paid by the Lessor prior to such modification, cancellation, or abrogation, including, but not limited to, bonuses, rentals and royalties.

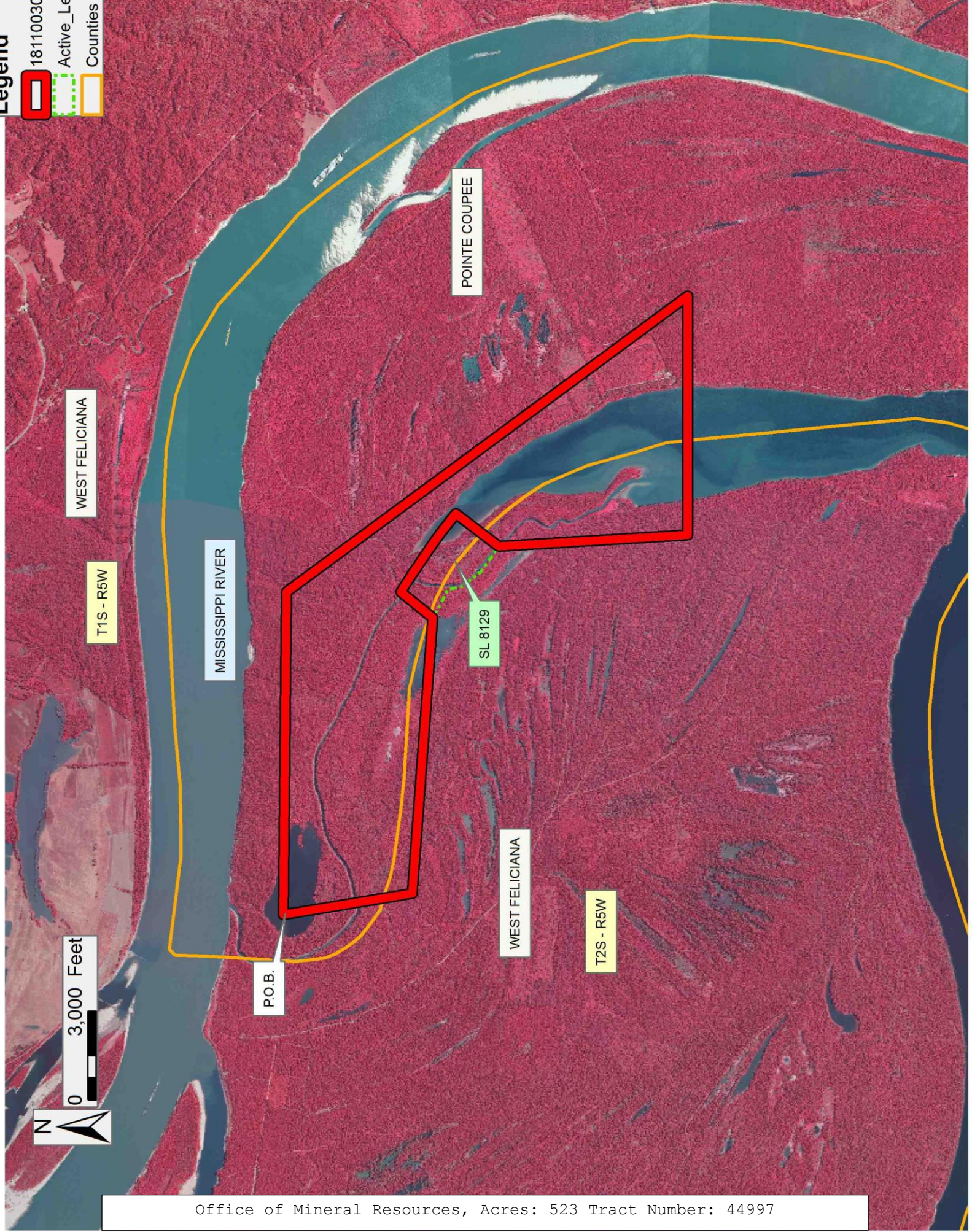
NOTE: The Office of Mineral Resources will require a minimum bonus of \$500 per acre and a minimum royalty of 25%.

Applicant: ALJ ENERGY

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend

- 18110030
- Active_Leads
- Counties



WEST FELICIANA

T1S - R5W

MISSISSIPPI RIVER

POINTE COUPEE

SL 8129

WEST FELICIANA

T2S - R5W

P.O.B.

Office of Mineral Resources, Acres: 523 Tract Number: 44997

TRACT 44998 - Pointe Coupee and West Feliciana Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Pointe Coupee and West Feliciana Parishes, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 1,888,093.40 and Y = 809,533.64; thence North 61 degrees 17 minutes 33 seconds East 10,180.39 feet to a point having Coordinates of X = 1,897,022.46 and Y = 814,423.66; thence South 26 degrees 12 minutes 24 seconds East 12,455.48 feet to a point having Coordinates of X = 1,902,522.92 and Y = 803,248.51; thence South 54 degrees 07 minutes 09 seconds West 11,195.68 feet to a point having Coordinates of X = 1,893,451.77 and Y = 796,686.69; thence North 22 degrees 38 minutes 26 seconds West 13,919.63 feet to the point of beginning, containing approximately **504 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: The Office of Mineral Resources will require a minimum bonus of \$500 per acre and a minimum royalty of 25%.

Applicant: ALJ ENERGY

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend

- 18110026
- Counties

WEST FELICIANA

T2S - R5W

RACCOURCI OLD RIVER

POINTE COUPEE

P.O.B.

T2S - R8E



0 3,000 Feet

TRACT 44999 - Pointe Coupee and West Feliciana Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Pointe Coupee and West Feliciana Parishes, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 1,893,451.77 and Y = 796,686.69; thence North 54 degrees 07 minutes 09 seconds East 11,195.68 feet to a point having Coordinates of X = 1,902,522.92 and Y = 803,248.51; thence South 26 degrees 12 minutes 24 seconds East 7,273.13 feet to a point having Coordinates of X = 1,905,734.80 and Y = 796,723.01; thence South 13,930.86 feet to a point having Coordinates of X = 1,905,734.80 and Y = 782,792.15; thence West 6,487.71 feet to a point having Coordinates of X = 1,899,247.09 and Y = 782,792.15; thence North 22 degrees 38 minutes 26 seconds West 15,054.70 feet to the point of beginning, containing approximately **700 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

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NOTE: The Office of Mineral Resources will require a minimum bonus of \$500 per acre and a minimum royalty of 25%.

Applicant: ALJ ENERGY

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend



18110027

Counties

WEST FELICIANA

T2S - R5W

RACCOURCI OLD RIVER

POINTE COUPEE

P.O.B.

T2S - R8E



0 3,000 Feet

Office of Mineral Resources, Acres: 700 Tract Number: 44999

TRACT 45000 - Pointe Coupee and West Feliciana Parishes, Louisiana

All of the lands now or formerly constituting the beds and bottoms of all water bodies of every nature and description as to which title is vested in the State of Louisiana, together with all islands arising therein and other lands formed by accretion or by reliction, where allowed by law, excepting tax adjudicated lands, and not presently under mineral lease on November 14, 2018, situated in Pointe Coupee and West Feliciana Parishes, Louisiana, and more particularly described as follows: Beginning at a point having Coordinates of X = 1,924,214.80 and Y = 801,232.62; thence East 9,970.78 feet to a point having Coordinates of X = 1,934,185.58 and Y = 801,232.62; thence South 18,440.47 feet to a point having Coordinates of X = 1,934,185.58 and Y = 782,792.15; thence West 9,970.78 feet to a point having Coordinates of X = 1,924,214.80 and Y = 782,792.15; thence North 18,440.47 feet to the point of beginning, containing approximately **1,487 acres**, all as more particularly outlined on a plat on file in the Office of Mineral Resources, Department of Natural Resources. All bearings, distances and coordinates are based on Louisiana Coordinate System of 1927, (North or South Zone), where applicable.

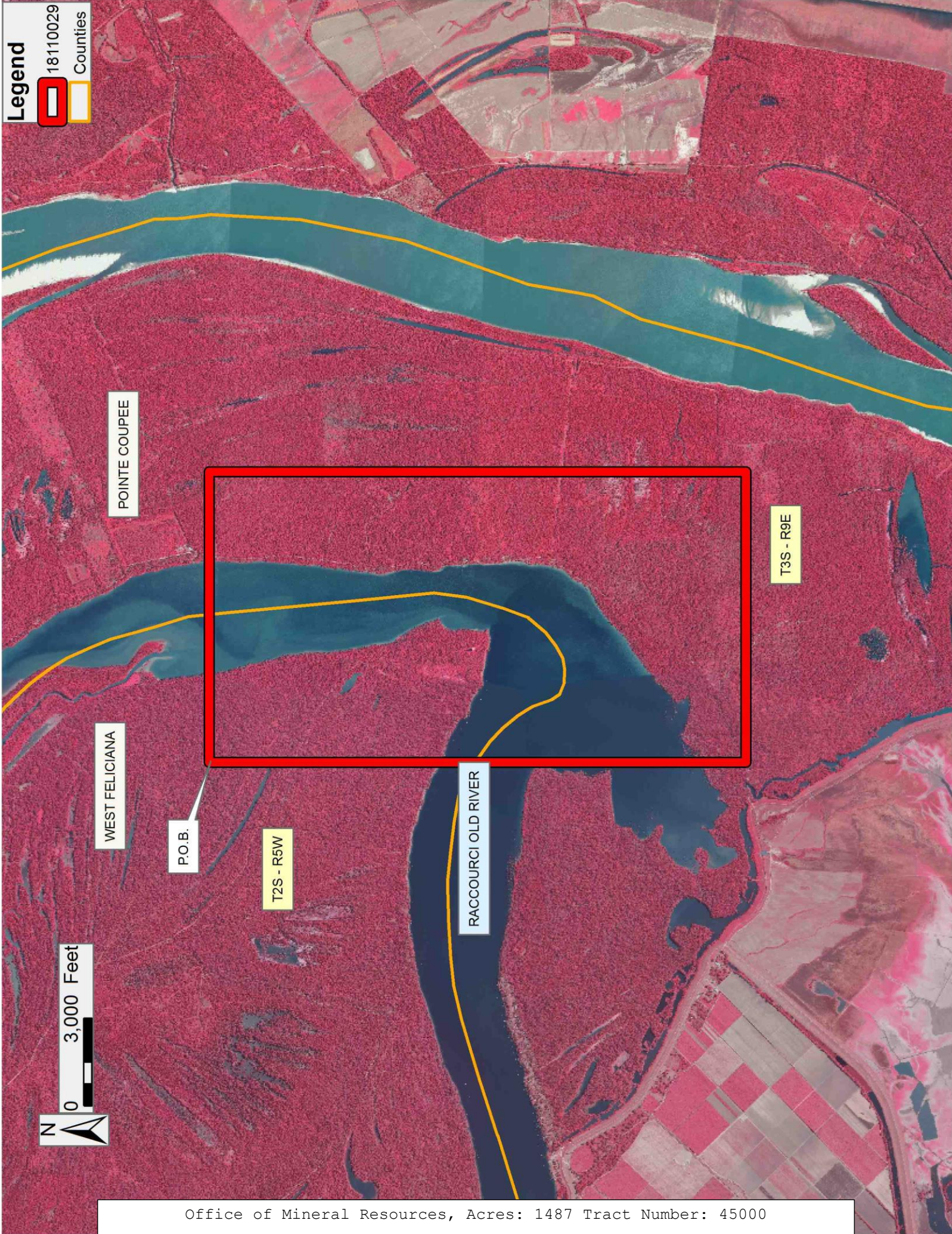
NOTE: The above description of the Tract nominated for lease has been provided and corrected, where required, exclusively by the nomination party. Any mineral lease selected from this Tract and awarded by the Louisiana State Mineral and Energy Board shall be without warranty of any kind, either express, implied, or statutory, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Should the mineral lease awarded by the Louisiana State Mineral and Energy Board be subsequently modified, cancelled or abrogated due to the existence of conflicting leases, operating agreements, private claims or other future obligations or conditions which may affect all or any portion of the leased Tract, it shall not relieve the Lessee of the obligation to pay any bonus due thereon to the Louisiana State Mineral and Energy Board, nor shall the Louisiana State Mineral and Energy Board be obligated to refund any consideration paid by the Lessor prior to such modification, cancellation, or abrogation, including, but not limited to, bonuses, rentals and royalties.

NOTE: The Office of Mineral Resources will require a minimum bonus of \$500 per acre and a minimum royalty of 25%.

Applicant: ALJ ENERGY

Bidder	Cash Payment	Price/Acre	Rental	Oil	Gas	Other

Legend



POINTE COUPEE

T3S - R9E

WEST FELICIANA

P.O.B.

T2S - R5W

RACOURCI OLD RIVER



Office of Mineral Resources, Acres: 1487 Tract Number: 45000