

**Nacogdoches County**  
**Sandra "Sandy" Yates**  
Nacogdoches County Clerk

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**Instrument Number:** 2025 - 2117

eRecording - Real Property  
**Texas Royalty Brokers**

**Parties:**

**Parties:**

**Recorded On:** March 31, 2025 09:01 AM

**Number of Pages:** 11

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**" Examined and Charged as Follows: "**

**Total Recording:** \$61.00

**Texas Royalty Brokers**

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\*\*\*\*\* **THIS PAGE IS PART OF THE INSTRUMENT** \*\*\*\*\*

Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY  
because of color or race is invalid and unenforceable under federal law.

**File Information:**

**Document Number:** 2025-2117

**Receipt Number:** 20250331000001

**Recorded Date/Time:** March 31, 2025 09:01 AM

**User:** Jennifer A

**Station:** CLERK02

**Record and Return To:**

CSC GLOBAL



**STATE OF TEXAS**  
**COUNTY OF NACOGDOCHES**

**I hereby certify that this Instrument was FILED In the File Number sequence on the date/time printed hereon, and was duly RECORDED in the Official Records of County, Texas.**

Sandra "Sandy" Yates  
Nacogdoches County Clerk  
Nacogdoches County, TX

*Sandra "Sandy" Yates*

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**MEMORANDUM OF OIL AND GAS LEASE**

STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF NACOGDOCHES

An Oil and Gas Lease ("Lease") has been executed by and between BPX Operating Company, a Texas corporation, as "Lessor", whose address is 15377 Memorial Drive, Houston, Texas 77079, and Black Stone Energy Company, L.L.C., a Texas limited liability company, whose address is 1001 Fannin Street, Suite 2020, Houston, Texas 77002, as "Lessee", which instrument is hereinafter referred to as the "Lease". Lessor and Lessee shall be referred to herein together as the "Parties" and individually as a "Party." This Memorandum of Oil and Gas Lease is executed for the purpose of providing notice to third parties of the execution of said Lease.

In the Lease, dated effective as of the 1<sup>st</sup> day of January, 2025 (the "Effective Date"), Lessor grants, leases and lets exclusively to Lessee, without warranty of any kind, either express or implied, except for those claims or any part thereof made by, through and under Lessor, but not otherwise, all of Lessor's interests in the following described land (the "Leased Premises"):

See Exhibit "A" attached hereto for description  
and subject to the limitations set forth therein

in the County of Nacogdoches, State of Texas, containing 10,651.80 gross acres, more or less, for the purpose of exploring for, developing, operating, producing, owning, and marketing oil and gas, along with all hydrocarbon substances produced in association therewith.

The Lease shall be in force for a primary term of four (4) years from the effective date thereof, and for so long thereafter as oil or gas is produced in paying quantities from the leased premises or from lands pooled therewith, or the Lease is otherwise maintained in effect pursuant to the provisions thereof.

Lessee's interests in the Leased Premises will be subject to adjustment and/or reversion pursuant to the terms of the Lease.

Lessor shall have a first lien upon the oil and gas produced from the Leased Premises, to secure payment of any unpaid royalty and other sums of money that may become due under the Lease. By acceptance of the Lease, Lessee grants Lessor an express contractual lien on and security interest in all the oil and gas production extracted from the Leased Premises, and the proceeds which may accrue to Lessee from the sale of such oil and gas production, whether such proceeds are held by Lessee or by a third party, and all fixtures on and improvements to the Leased Premises used in connection with the production or processing of minerals from the Leased Premises, in order to secure the

payment of all royalties or other amounts due or to become due under the Lease and to secure payment of any damages or loss that Lessor may suffer by reason of Lessee's breach of any covenant or condition of the Lease, whether express or implied. This lien and security interest may be foreclosed with or without court proceedings in the manner provided in the Title 1, Chap. 9 of the Texas Business and Commerce Code. Lessee agrees that Lessor may require Lessee to execute and record such instruments as may be reasonably necessary to acknowledge, attach or perfect this lien. Lessee hereby represents that there are no prior or superior liens arising from and relating to Lessee's activities upon the Leased Premises or from Lessee's acquisition of the Lease. Should Lessor at any time determine that this representation is not true, then Lessor may declare the Lease terminated and may file a notice of termination of lease in Nacogdoches County, Texas. For the avoidance of doubt, the terms of this paragraph are limited insofar and only insofar as such terms relate to Lessor's undivided mineral interest and associated royalty under the Leased Premises and shall exclude any other lands or undivided ownership, whether leased or pooled therewith.

Lessor and Lessee have agreed to a development plan with respect to the Leased Premises to be conducted within a stated time period following the Effective Date of the Lease, and subject to the satisfaction of certain conditions, subsequent development plans covering the Leased Premises.


This Memorandum may be executed in any number of counterparts, and each such counterpart hereof shall be deemed to be an original instrument, but all such counterparts shall constitute for all purposes one agreement.

Texas Royalty Brokers

IN WITNESS WHEREOF, this Memorandum of Oil and Gas Lease is effective as of the effective date of the Lease.

**LESSOR: BPX OPERATING COMPANY**

By:

  
Sarah McCarley  
Attorney-in-Fact

**LESSEE: BLACK STONE ENERGY COMPANY, L.L.C.**

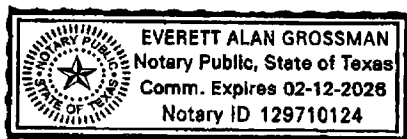
By:

\_\_\_\_\_  
Carrie Clark  
SVP, Chief Commercial Officer

#### ACKNOWLEDGMENTS

**STATE OF TEXAS  
COUNTY OF HARRIS**

This instrument was acknowledged before me on the 26<sup>th</sup> day of March 2025, by Sarah McCarley, Attorney-in-Fact of BPX OPERATING COMPANY, a Texas corporation, on behalf of said corporation.



  
Notary Public, State of Texas

**STATE OF TEXAS  
COUNTY OF HARRIS**

This instrument was acknowledged before me on the \_\_\_\_ day of \_\_\_\_\_, 2025, by Carrie Clark, SVP, Chief Commercial Officer of BLACK STONE ENERGY COMPANY, L.L.C., a Texas limited liability company, on behalf of said company.

\_\_\_\_\_  
Notary Public, State of Texas

IN WITNESS WHEREOF, this Memorandum of Oil and Gas Lease is effective as of the effective date of the Lease.

**LESSOR: BPX OPERATING COMPANY**

By:

Sarah McCarley  
Attorney-in-Fact

**LESSEE: BLACK STONE ENERGY COMPANY, L.L.C.**

By:

C. Clark  
Carrie Clark  
SVP, Chief Commercial Officer

#### ACKNOWLEDGMENTS

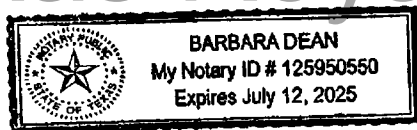
**STATE OF TEXAS  
COUNTY OF HARRIS**

This instrument was acknowledged before me on the \_\_\_\_\_ day of \_\_\_\_\_, 2025, by Sarah McCarley, Attorney-in-Fact of BPX OPERATING COMPANY, a Texas corporation, on behalf of said corporation.

\_\_\_\_\_  
Notary Public, State of Texas

**STATE OF TEXAS  
COUNTY OF HARRIS**

This instrument was acknowledged before me on the 26<sup>th</sup> day of March, 2025, by Carrie Clark, SVP, Chief Commercial Officer of BLACK STONE ENERGY COMPANY, L.L.C., a Texas limited liability company, on behalf of said company.



Barbara Dean  
Notary Public, State of Texas

**EXHIBIT "A"**

Attached to and made a part of that certain  
Memorandum of Oil and Gas Lease dated effective January 1, 2025,  
by and between BPX Operating Company, Lessor, and  
Black Stone Energy Company, L.L.C., Lessee

**DESCRIPTION OF LEASED PREMISES**

559.20 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #35, A-647, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 559 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

160.00 acres, more or less, being all of the J. D. Cureton Survey, A-777, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from J. J. Coker et ux, Avie Coker to Hayward Lumber Company, dated January 4, 1906, recorded in Volume 58, Page 631 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

80.00 acres, more or less, being the South Half of the George Moss Survey, A-697, Nacogdoches County, Texas, and being all of that certain 160.00 acre tract of land described in that certain Patent from the State of Texas to A. L. Conner, assignee of George Moss, dated October 3, 1891, recorded in Volume 30, Page 42 of the Deed Records of Nacogdoches County, Texas; LESS AND EXCEPT 80.00 acres, more or less, being the North Half of the George Moss Survey, A-697, Nacogdoches County, Texas, as described in that certain Warranty Deed from J. P. Atkinson et ux M. V. Atkinson to James W. Lowery, recorded in Volume 53, Page 1 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

617.40 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #37, A-634, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 541 in the Deed Records of Nacogdoches County, Texas, and being that same interest

conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

631.40 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #24, A-657, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated April 9, 1878, recorded in Volume 139, Page 556 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

581.50 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #23, A-655, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated April 9, 1878, Volume 139, Page 555 in the Deed Records of Nacogdoches County, Texas; LESS AND EXCEPT 20.00 acres, more or less, being the same land more particularly described in that certain Warranty Deed from New York & Texas Land Company to J. N. Grimes, recorded in Volume 72, Page 186 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

20.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #23, A-655, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from New York & Texas Land Company to J. N. Grimes, dated June 30, 1891, and recorded in Volume 72, Page 186 in the Deed Records of Nacogdoches County, Texas, and being the same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

80.00 acres, more or less, being a part of the E.L. Cureton Survey, A-172, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from R.T. Sowell to J.N. Grimes, dated February 5, 1984 and recorded in Volume 69, Page 562 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

579.00 acres, more or less, being all of the International and Great North Railroad Co. Survey #36, A-633, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the state of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page

542 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

640.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #22, A-646, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 554 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

160.00 acres, more or less, being all of the Amos Driver Survey, A-195, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from A.L. Conner et ux to The Hayward Lumber Company, dated December 7, 1905 and recorded in Volume 58, Page 577 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962, from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

77.00 acres, more or less, being a part of the John Crisp Survey, A-681, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from George W. Meisenheimer to Frost-Johnson Lumber Company of Texas, dated December 27, 1915, and recorded in Volume 84, Page 531 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of the Oil & Gas Records in Nacogdoches County, Texas.

159.30 acres, more or less, being all of the King White Survey, A-623, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from B.R. Wade to Hayward Lumber Company, dated September 8, 1905 and recorded in Volume 60, Page 190 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

160.00 acres, more or less, being all of the Peter Meniffee Survey, A-400, Nacogdoches County, Texas, and being the same land more particularly described in that certain Warranty Deed from A.L. Conner to The Hayward Lumber Company, dated June 27, 1905 and recorded in Volume 58, Page 349 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13,



1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

603.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #17, A-302, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated April 8, 1878, recorded in Volume 139, Page 549 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

640.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #20, A-642, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 8, 1878, recorded in Volume 139, Page 552 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

587.00 acres, more or less, being all that certain 640.00 acres, more or less, of the International and Great Northern Railroad Co. survey #16, A-656, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated April 9, 1878, recorded in Volume 139, Page 548 of the Deed Records of Nacogdoches County, Texas, LESS & EXCEPT 53.00 acres, more or less, being the same land more particularly described in that certain Warranty Deed from New York & Texas Land Co., Limited to M.A. Burnaman, dated September 26, 1889, recorded in Volume 53, Page 155 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

607.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #18, A-641, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 8, 1878, recorded in Volume 139, Page 550 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

500.00 acres of land, more or less, being all of the International and Great Northern Railroad Co. Survey #19, A-654, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the

International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 551 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

70.00 acres, more or less, being a part of the Arnold & Barrett Survey, A-673, Nacogdoches County, Texas, and being the same land more particularly described as Tract #1 in that certain Warranty Deed from R.A. Axley et ux, M.F. Axley to J.W. Griffith, dated July 20, 1900, recorded in Volume 70, Page 142 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

77.00 acres, more or less, being all the West Half of the J.L. Simms Survey, A-557, Nacogdoches County, Texas, and more particularly described as Tract #2, being 80.00 acres, more or less, in that certain Warranty Deed from R.A. Axley et ux, M.F. Axley to J.W. Griffith, dated July 20, 1900, recorded in Volume 70, Page 142 of the Deed Records of Nacogdoches County, Texas; LESS & EXCEPT 3.00 acres of land, more or less, off the west boundary line, being more particularly described in that certain Warranty Deed from H.P. Miley, et ux, N.A. Miley to T.W. Jeans, dated February 16, 1886, recorded in Volume 28, Page 100 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

576.00 acres, more or less, being all that certain 640.00 acres, more or less, of the International and Great Northern Railroad Co. Survey #8, A-640, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 8, 1878, recorded in Volume 139, page 538 of the Deed Records of Nacogdoches County, Texas; LESS & EXCEPT 60.00 acres, more or less, being the same land more particularly described in that certain Warranty Deed from Frost-Johnson Lumber Co. of Texas to George Lowery, dated June 28, 1916, recorded in Volume 89, Page 28 of the Deed Records of Nacogdoches County, Texas, and ALSO LESS & EXCEPT 4.00 acres, more or less, being the same land more particularly described in that certain Warranty Deed from Frost-Johnson Lumber Co. of Texas to G.F. Partin, et al, Trustees of the Common School District No. 45, dated July 7, 1916, recorded in Volume 89, page 30 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

600.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #9, A-303, Nacogdoches County, Texas, and being the same land more

particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 8, 1878, recorded in Volume 139, Page 539 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

640.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #10, A-650, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 540 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

607.00 acres, more or less, being all that certain 640.00 acres, more or less, of the International and Great Northern Railroad Co. Survey #12, A-661, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated April 9, 1878, recorded in Volume 139, Page 544 in the Deed Records of Nacogdoches County, Texas; LESS & EXCEPT 28.00 acres, more or less, being more particularly described in that certain Warranty Deed from New York & Texas Land Co., Limited to E.M. Kennedy, dated November 7, 1888, recorded in Volume 27, Page 190, of the Deed Records of Nacogdoches County, Texas; ALSO LESS & EXCEPT 5.00 acres, more or less, from New York & Texas Land Co., Limited, to James T. Crawford, dated October 16, 1893, recorded in Volume 62, Page 571 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

640.00 acres, more or less, being all of the International and Great Northern Railroad Co. Survey #13, A-652, Nacogdoches County, Texas, and being the same land more particularly described in that certain Patent from the State of Texas to the International and Great Northern Railroad Co., dated January 10, 1878, recorded in Volume 139, Page 545 in the Deed Records of Nacogdoches County, Texas, and being that same interest conveyed in that certain Conveyance dated June 13, 1962 from Olin Oil & Gas Corporation to Humble Oil & Refining Company recorded in Volume 97, Page 499 of Oil & Gas Records in Nacogdoches County, Texas.

**Limited from the top of the Bossier Shale Formation to the base of the Haynesville Shale Formation which means the stratigraphic equivalent of the entire correlative interval from 14,538 feet measured depth to 15,685 feet measured depth, as seen on the logs for the Sarge Unit #1HR Pilot well (API 42-005-30394), located in the William Anderson Survey, A-58, Angelina County, Texas.**