

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF CONTINENTAL RESOURCES, INC. FOR AN ORDER CREATING A PERMANENT SPACING UNIT COMPOSED OF ALL OF SECTIONS 13, 24 AND 25, TOWNSHIP 26 NORTH, RANGE 53 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 101-2022

**APPLICATION**

**CONTINENTAL RESOURCES, INC.**, 20 N. Broadway, Oklahoma City, OK 73102:

**I. Presents the following application:**

A. Applicant is an interest owner and operator within the above-described tract, and its Devin FIU 3-13H well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

B. The Devin FIU 3-13H well is completed in a reservoir containing common accumulations of oil and associated natural gas in the Bakken/Three Forks formation. To efficiently and economically develop the reservoir, and to protect the correlative rights of all owners, All of Sections 13, 24 and 25, Township 26 North, Range 53 East, M.P.M., Richland County, Montana, should be designated a permanent spacing unit for the production of oil and associated natural gas from the Bakken/Three Forks formation. Applicant has also drilled and completed its Devin FIU 4-13H well in the Bakken/Three Forks formation within the proposed permanent spacing unit.

**II. Requests:**

A. This matter be set for hearing on October 13, 2022, with notice given as required by law and the MOU; and

B. After hearing the matter, the Board enter its order delineating All of Sections 13, 24 and 25, Township 26 North, Range 53 East, M.P.M., Richland County, Montana, as a permanent spacing unit for the production of oil and associated natural gas from the Bakken/Three Forks formation.

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**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

DATED this 25th day of August, 2022.

CONTINENTAL RESOURCES, INC.

A handwritten signature in blue ink, consisting of several overlapping loops and lines, positioned above a horizontal line.

By: \_\_\_\_\_

James Parrot, Its Attorney  
Beatty & Wozniak, P.C.  
1675 Broadway, Suite 600  
Denver, CO 80202  
jparrot@bwenergyllaw.com  
Ph: (303) 407-4458

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

IN THE MATTER OF THE APPLICATION OF CONTINENTAL RESOURCES, INC. FOR AN ORDER POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") PROPOSED FOR SECTIONS 13, 24 AND 25, TOWNSHIP 26 NORTH, RANGE 53 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 102-2022

APPLICATION

CONTINENTAL RESOURCES, INC., 20 N. Broadway, Oklahoma City, OK 73102:

I. Presents the following application:

A. Applicant is an interest owner and operator within the above-described tract. Its Devin FIU 3-13H and Devin FIU 4-13H wells ("Subject Wells") have been successfully completed as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

B. It is anticipated that the captioned lands will be designated a permanent spacing unit for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No.     -2022.

C. As of the date of this Application, Applicant has been unable to establish voluntary pooling of all interests within said spacing unit with respect to the Subject Wells, and it is anticipated that such voluntary pooling cannot be accomplished prior to the hearing on this Application.

D. In the absence of voluntary pooling of all interests within the permanent spacing unit, the pooling of all interests in the spacing unit for the development and operation thereof should be effectuated by an order of the Board for that purpose.

II. Requests:

A. This matter be set for hearing on October 13, 2022, with notice given as required by law and the MOU; and

B. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Sections 13, 24 and 25, Township 26 North, Range 53

East, M.P.M., Richland County, Montana, for production of oil and associated natural gas from the Bakken/Three Forks formation, and authorizing recovery of non-consent penalties in accordance with Section 82-11-202(2), M.C.A., with respect to the Devin FIU 3-13H and Devin FIU 4-13H wells.

DATED this 25<sup>th</sup> day of August, 2022.

CONTINENTAL RESOURCES, INC.

By: 

James Parrot, Its Attorney  
Beatty & Wozniak, P.C.  
1675 Broadway, Suite 600  
Denver, CO 80202  
jparrot@bwenergyllaw.com  
Ph: (303) 407-4458

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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF CONTINENTAL RESOURCES, INC. FOR AN ORDER CREATING A PERMANENT SPACING UNIT COMPOSED OF ALL OF SECTION 36, TOWNSHIP 27 NORTH, RANGE 53 EAST, AND ALL OF SECTIONS 1 AND 12, TOWNSHIP 26 NORTH, RANGE 53 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 103-2022

**APPLICATION**

**CONTINENTAL RESOURCES, INC.**, 20 N. Broadway, Oklahoma City, OK 73102:

**I. Presents the following application:**

A. Applicant is an interest owner and operator within the above-described tract, and its Tolksdorf 2-12H well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

B. The Tolksdorf 2-12H well is completed in a reservoir containing common accumulations of oil and associated natural gas in the Bakken/Three Forks formation. To efficiently and economically develop the reservoir, and to protect the correlative rights of all owners, All of Section 36, Township 27 North, Range 53 East, and All of Sections 1 and 12, Township 26 North, Range 53 East, M.P.M., Richland County, Montana, should be designated a permanent spacing unit for the production of oil and associated natural gas from the Bakken/Three Forks formation. Applicant has also drilled and completed its Tolksdorf 3-12H well in the Bakken/Three Forks formation within the proposed permanent spacing unit.

**II. Requests:**

A. This matter be set for hearing on October 13, 2022, with notice given as required by law and the MOU; and

B. After hearing the matter, the Board enter its order delineating All of Section 36, Township 27 North, Range 53 East, and All of Sections 1 and 12, Township 26 North, Range 53 East, M.P.M., Richland County, Montana, as a permanent spacing

**AUG 29 2022**

unit for the production of oil and associated natural gas from the Bakken/Three Forks formation.

DATED this 25<sup>th</sup> day of August, 2022.

CONTINENTAL RESOURCES, INC.

By: \_\_\_\_\_

  
James Parrot, Its Attorney  
Beatty & Wozniak, P.C.  
1675 Broadway, Suite 600  
Denver, CO 80202  
jparrot@bwenergy.com  
Ph: (303) 407-4458

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

IN THE MATTER OF THE APPLICATION OF CONTINENTAL RESOURCES, INC. FOR AN ORDER POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") PROPOSED FOR ALL OF SECTION 36, TOWNSHIP 27 NORTH, RANGE 53 EAST, AND ALL OF SECTIONS 1 AND 12, TOWNSHIP 26 NORTH, RANGE 53 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 104-2022

APPLICATION

CONTINENTAL RESOURCES, INC., 20 N. Broadway, Oklahoma City, OK 73102:

I. Presents the following application:

A. Applicant is an interest owner and operator within the above-described tract. Its Tolksdorf 2-12H and Tolksdorf 3-12H wells ("Subject Wells") have been successfully as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

B. It is anticipated that the captioned lands will be designated a permanent spacing unit for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No.     -2022.

C. As of the date of this Application, Applicant has been unable to establish voluntary pooling of all interests within said spacing unit with respect to the Subject Wells, and it is anticipated that such voluntary pooling cannot be accomplished prior to the hearing on this Application.

D. In the absence of voluntary pooling of all interests within the permanent spacing unit, the pooling of all interests in the spacing unit for the development and operation thereof should be effectuated by an order of the Board for that purpose.

II. Requests:

A. This matter be set for hearing on October 13, 2022, with notice given as required by law and the MOU; and

B. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Section 36, Township 27 North, Range 53 East, and All of Sections 1 and 12, Township 26 North, Range 53 East, M.P.M., Richland County, Montana, for production of oil and associated natural gas from the Bakken/Three Forks formation, and authorizing recovery of non-consent penalties in accordance with Section 82-11-202(2), M.C.A., with respect to the Tolksdorf 2-12H and Tolksdorf 3-12H wells.

DATED this 25th day of August, 2022.

CONTINENTAL RESOURCES, INC.

By:   
James Parrot, Its Attorney  
Beatty & Wozniak, P.C.  
1675 Broadway, Suite 600  
Denver, CO 80202  
jparrot@bwenergyllaw.com  
Ph: (303) 407-4458

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**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**



**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING A TEMPORARY SPACING UNIT ("TSU") COMPRISED OF ALL OF SECTIONS 22, 27 AND 34, TOWNSHIP 26 NORTH, RANGE 57 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES OF SAID TSU, VACATING MBOGC ORDER NOS. 302-2010 AND 120-2011, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO. 105-2022**

**APPLICATION**

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**KRAKEN OIL & GAS LLC, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:**

**[A] Presents the following application:**

1. Applicant is an interest owner and operator within all or portions of Sections 22, 27 and 34, Township 26 North, Range 57 East, M.P.M., Richland County, Montana. Section 22 is presently subject to MBOGC Order No. 302-2010, while Sections 27 and 34 are subject to MBOGC Order No. 120-2011.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, a TSU comprised of All of Sections 22, 27 and 34, Township 26 North, Range 57 East, M.P.M. It will be necessary for the Board to vacate Order Nos. 302-2010 and 120-2011.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

**[B] Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order creating a TSU comprised of All of Sections 22, 27 and 34, Township 26 North, Range 57 East, M.P.M., and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such TSU but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, provided that operations for the drilling of such well must be commenced within one year from the date of such order, and vacating MBOGC Order Nos. 302-2010 and 120-2011.

DATED this 22<sup>nd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

By \_\_\_\_\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**MONTANA BOARD OF OIL &  
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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER AUTHORIZING THE DRILLING OF UP TO THREE ADDITIONAL HORIZONTAL BAKKEN/THREE FORKS FORMATION WELLS IN THE TEMPORARY SPACING UNIT ("TSU") COMPRISED OF ALL OF SECTIONS 22, 27 AND 34, TOWNSHIP 26 NORTH, RANGE 57 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AT ANY LOCATIONS NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES THEREOF, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 106-2022

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC**, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:

**[A] Presents the following application:**

1. Applicant is an interest owner and operator within All of Sections 22, 27 and 34, Township 26 North, Range 57 East, M.P.M., Richland County, Montana. It is anticipated that said lands will comprise a temporary spacing unit for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022.

2. Applicant requests authority to drill up to three additional horizontal Bakken/Three Forks formation wells within said TSU, at any locations not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, if in its judgment as operator of the TSU such operations appear reasonable and prudent.

**[B] Requests:**

1. This matter be set for hearing and placed on the Default Docket, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order authorizing the Applicant to drill up to three additional horizontal Bakken/Three Forks formation wells at any locations within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the TSU comprised of All of Sections 22, 27 and 34, Township 26 North, Range 57 East, M.P.M., Richland County, Montana.

DATED this 22<sup>nd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

By 

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**MONTANA BOARD OF OIL &  
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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 6, 7 AND 18, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES OF SAID OTSU, CLARIFYING MBOGC ORDER NOS. 145-2013 AND 58-2013, PARTIALLY VACATING MBOGC ORDER NO. 378-2013, VACATING IN ITS ENTIRETY MBOGC ORDER NO. 379-2013, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 107-2022

**APPLICATION**

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**KRAKEN OIL & GAS LLC**, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:

**[A] Presents the following application:**

1. Applicant is an interest owner within all or portions of Sections 6, 7, 18 and 19, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana. Said Sections 6 and 7 are presently subject to MBOGC Order Nos. 144-2013, 145-2013 and 378-2013, and Kraken Oil & Gas LLC operates the Crusch Ranch 6-7 1H well located in the PSU comprised of All of Sections 6 and 7, Township 28 North, Range 59 East, M.P.M. Said Sections 18 and 19 are presently subject to MBOGC Order Nos. 420-2012, 58-2013 and 379-2013, and Kraken Oil & Gas LLC operates the Willard 19-18 1H well located in the PSU comprised of All of Sections 18 and 19, Township 28 North, Range 59 East, M.P.M. Said Sections 18 and 19 are also subject to MBOGC Order Nos. 43-2019 and 44-2019; however, those orders are not relevant to the relief being sought in this application.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, an OTSU comprised of All of Sections 6, 7 and 18, Township 28 North, Range 59 East, M.P.M. To preserve the correlative rights of all interest owners in said Sections 6 and 7, MBOGC Order No. 145-2013 should be amended to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Crusch Ranch 6-7 1H well. To preserve the correlative rights of all interest owners in said Sections 18 and 19, MBOGC Order No. 58-2013 should be amended to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Willard 19-18 1H well. It will also be necessary to partially vacate MBOGC Order No. 378-2013 to the extent said order authorized more than one additional horizontal Bakken/Three Forks formation well to be drilled in the PSU established pursuant to MBOGC Order No. 144-2013, and to vacate in its entirety MBOGC Order No. 379-2013.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

**[B] Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;

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**MONTANA BOARD OF OIL &  
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2. After hearing the matter, the Board enter its order (i) creating an OTSU comprised of All of Sections 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, providing that operations for the drilling of such well must be commenced within one year from the date of such order and further providing that the OTSU shall be limited to production from the proposed horizontal well; (ii) amending MBOGC Order No. 145-2013 to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Crusch Ranch 6-7 1H well; (iii) amending MBOGC Order No. 58-2013 to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Willard 19-18 1H well; (iv) vacating MBOGC Order No. 378-2013 to the extent said order authorized more than one additional horizontal Bakken/Three Forks formation well to be drilled in the PSU established pursuant to MBOGC Order No. 144-2013; and (v) vacating in its entirety MBOGC Order No. 379-2013.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

  
By \_\_\_\_\_  
John R. Lee, Its Attorney

CROWLEY FLECK PLLP  
P.O. Box 2529  
Billings, MT 59103-2529  
Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**MONTANA BOARD OF OIL &  
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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER AUTHORIZING THE DRILLING OF AN ADDITIONAL HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL IN THE OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 6, 7 AND 18, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES THEREOF, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 109-2022

**APPLICATION**

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**KRAKEN OIL & GAS LLC**, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:

**[A] Presents the following application:**

1. Applicant is an interest owner and operator within all or portions of Sections 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana. It is anticipated that said lands will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022.

2. Applicant requests authority to drill an additional horizontal Bakken/Three Forks formation well within said OTSU, at any location not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, if in its judgment as operator of the OTSU such operations appear reasonable and prudent.

**[B] Requests:**

1. This matter be set for hearing and placed on the Default Docket, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order authorizing the Applicant to drill an additional horizontal Bakken/Three Forks formation well at any location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of Sections 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

By \_\_\_\_\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**MONTANA BOARD OF OIL &  
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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 19, 30 AND 31, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES OF SAID OTSU, CLARIFYING MBOGC ORDER NOS. 58-2013 AND 59-2013, VACATING MBOGC ORDER NOS. 379-2013 AND 380-2013, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 109-2022

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:**

**[A] Presents the following application:**

1. Applicant is an interest owner within all or portions of Sections 18, 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana. Said Sections 18 and 19 are presently subject to MBOGC Order Nos. 420-2012, 58-2013 and 379-2013, and Kraken Oil & Gas LLC operates the Willard 19-18 1H well located in the PSU comprised of All of Sections 18 and 19, Township 28 North, Range 59 East, M.P.M. Said Sections 30 and 31 are presently subject to MBOGC Order Nos. 421-2012, 59-2013 and 380-2013, and Kraken Oil & Gas LLC operates the Wilde 30-31 1H well located in the PSU comprised of All of Sections 30 and 31, Township 28 North, Range 59 East, M.P.M. Said Sections 18 and 19 are also subject to MBOGC Order Nos. 43-2019 and 44-2019; however, those orders are not relevant to the relief being sought in this application.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, an OTSU comprised of All of Sections 19, 30 and 31, Township 28 North, Range 59 East, M.P.M. To preserve the correlative rights of all interest owners in said Sections 18 and 19, MBOGC Order No. 58-2013 should be amended to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Willard 19-18 1H well. To preserve the correlative rights of all interest owners in said Sections 30 and 31, MBOGC Order No. 59-2013 should be amended to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Wilde 30-31 1H well. It will also be necessary to vacate MBOGC Order Nos. 379-2013 and 380-2013.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

**[B] Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;


2. After hearing the matter, the Board enter its order (i) creating an OTSU comprised of All of Sections 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, providing that operations for the

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drilling of such well must be commenced within one year from the date of such order and further providing that the OTSU shall be limited to production from the proposed horizontal well; (ii) amending MBOGC Order No. 58-2013 to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Willard 19-18 1H well; (iii) amending MBOGC Order No. 59-2013 to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Wilde 30-31 1H well; and (iv) vacating MBOGC Order Nos. 379-2013 and 380-2013.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

  
By \_\_\_\_\_  
John R. Lee, Its Attorney

CROWLEY FLECK PLLP  
P.O. Box 2529  
Billings, MT 59103-2529  
Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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GAS CONSERVATION • BILLINGS**

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER AUTHORIZING THE DRILLING OF AN ADDITIONAL HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL IN THE OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 19, 30 AND 31, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES THEREOF, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO. 110-2022**

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:**

**[A] Presents the following application:**

1. Applicant is an interest owner and operator within all or portions of Sections 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana. It is anticipated that said lands will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022.

2. Applicant requests authority to drill an additional horizontal Bakken/Three Forks formation well within said OTSU, at any location not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, if in its judgment as operator of the OTSU such operations appear reasonable and prudent.

**[B] Requests:**

1. This matter be set for hearing and placed on the Default Docket, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order authorizing the Applicant to drill an additional horizontal Bakken/Three Forks formation well at any location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of Sections 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

By \_\_\_\_\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

**RECEIVED**

**AUG 26 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**



**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 12, 13 AND 24, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES OF SAID OTSU, CLARIFYING MBOGC ORDER NO. 149-2013, VACATING MBOGC ORDER NO. 381-2013, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 111-2022

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC**, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:

**[A] Presents the following application:**

1. Applicant is an interest owner within all or portions of Sections 12, 13 and 24, Township 26 North, Range 58 East, M.P.M., Richland County, Montana. Said Sections 13 and 24 are presently subject to MBOGC Order Nos. 148-2013, 149-2013 and 381-2013, while said Section 12 is not presently subject any MBOGC order with respect to the Bakken/Three Forks formation. Kraken Oil & Gas LLC operates the Shirley 13-24 #1H well in the PSU comprised of All of Sections 13 and 24, Township 26 North, Range 58 East, M.P.M.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, an OTSU comprised of All of Sections 12, 13 and 24, Township 26 North, Range 58 East, M.P.M. To preserve the correlative rights of all interest owners in said Sections 13 and 24, MBOGC Order No. 149-2013 should be amended to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Shirley 13-24 #1H well. It will also be necessary to vacate MBOGC Order No. 381-2013.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

**[B] Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order (i) creating an OTSU comprised of All of Sections 12, 13 and 24, Township 26 North, Range 58 East, M.P.M., Richland County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, providing that operations for the drilling of such well must be commenced within one year from the date of such order and further providing that the OTSU shall be limited to production from the proposed horizontal well; (ii) amending MBOGC Order No. 149-2013 to clarify that said order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Shirley 13-24 #1H well; and (iii) vacating MBOGC Order No. 381-2013.

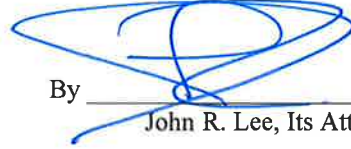
**RECEIVED**

**AUG 26 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**



By \_\_\_\_\_  
John R. Lee, Its Attorney

CROWLEY FLECK PLLP  
P.O. Box 2529  
Billings, MT 59103-2529  
Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

**RECEIVED**

**AUG 26 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER AUTHORIZING THE DRILLING OF AN ADDITIONAL HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL IN THE OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 12, 13 AND 24, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK)/500' (LATERAL SETBACK) TO THE BOUNDARIES THEREOF, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** 112-2022

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC**, 9805 Katy Freeway, Suite 300, Houston, Texas 77024;

**[A] Presents the following application:**

1. Applicant is an interest owner and operator within all or portions of Sections 12, 13 and 24, Township 26 North, Range 58 East, M.P.M., Richland County, Montana. It is anticipated that said lands will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_\_-2022.

2. Applicant requests authority to drill an additional horizontal Bakken/Three Forks formation well within said OTSU, at any location not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries thereof, if in its judgment as operator of the OTSU such operations appear reasonable and prudent.

**[B] Requests:**

1. This matter be set for hearing and placed on the Default Docket, with notice given as required by law and the MOU;

2. After hearing the matter, the Board enter its order authorizing the Applicant to drill an additional horizontal Bakken/Three Forks formation well at any location within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of Sections 12, 13 and 24, Township 26 North, Range 58 East, M.P.M., Richland County, Montana.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**

By 

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**AUG 26 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA**

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 24, 25 AND 36, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., AND ALL OF SECTIONS 19, 30 AND 31, TOWNSHIP 26 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT A LOCATION PROXIMATE TO THE COMMON BOUNDARY BETWEEN THE PSU COMPRISED OF SECTIONS 25 AND 36, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., A PORTION OF THE OTSU COMPRISED OF SECTIONS 12, 13 AND 24, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., AND THE OTSU COMPRISED OF SECTIONS 19, 30 AND 31, TOWNSHIP 26 NORTH, RANGE 59 EAST, M.P.M., AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO. 113-2022**

**APPLICATION**

\*\*\*\*\*

**KRAKEN OIL & GAS LLC, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:**

**[A] Presents the following application:**

1. Applicant is an interest owner within all or portions of Sections 24, 25 and 36, Township 26 North, Range 58 East, M.P.M., and Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M., Richland and Roosevelt Counties, Montana. Sections 25 and 36, Township 26 North, Range 58 East, M.P.M., comprise a Permanent Spacing Unit for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. 172-2015. It is anticipated that Section 24, Township 26 North, Range 58 East, M.P.M., together with Sections 12 and 13, Township 26 North, Range 58 East, M.P.M., will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022. Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M., comprise an OTSU for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying portions of the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well in an OTSU comprised of All of Sections 24, 25 and 36, Township 26 North, Range 58 East, M.P.M., and All of Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M. Said well will be drilled at a location proximate to the common boundary between All of Sections 24, 25 and 36, Township 26 North, Range 58 East, M.P.M., and All of Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M., with a heel/toe setback of 200'.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

**[B] Requests:**

1. This matter be set for hearing, with notice given as required by law and the MOU;

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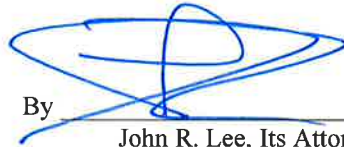
**AUG 26 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

2. After hearing the matter, the Board enter its order creating an OTSU comprised of All of Sections 24, 25 and 36, Township 26 North, Range 58 East, M.P.M., and All of Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M., for purposes of drilling a horizontal Bakken/Three Forks formation well at a location proximate to the common boundary between All of Sections 24, 25 and 36, Township 26 North, Range 58 East, M.P.M., and All of Sections 19, 30 and 31, Township 26 North, Range 59 East, M.P.M. , with a heel/toe setback of 200', providing that operations for the drilling of such well must be commenced within one year from the date of such order and further providing that the OTSU shall be limited to production from the proposed horizontal well.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**



By \_\_\_\_\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**AUG 26 2022**

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 1, 12 AND 13, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., AND ALL OF SECTIONS 6, 7 AND 18, TOWNSHIP 26 NORTH, RANGE 59 EAST, M.P.M., RICHLAND AND ROOSEVELT COUNTIES, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT A LOCATION PROXIMATE TO THE COMMON BOUNDARY BETWEEN A PORTION OF THE PSU COMPRISED OF SECTION 1, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M. AND SECTION 36, TOWNSHIP 27 NORTH, RANGE 58 EAST, M.P.M., A PORTION OF THE OTSU COMPRISED OF SECTIONS 12, 13 AND 24, TOWNSHIP 26 NORTH, RANGE 58 EAST, M.P.M., AND THE OTSU COMPRISED OF SECTIONS 6, 7 AND 18, TOWNSHIP 26 NORTH, RANGE 59 EAST, M.P.M., AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 114-2022

APPLICATION

\*\*\*\*\*

KRAKEN OIL & GAS LLC, 9805 Katy Freeway, Suite 300, Houston, Texas 77024:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of Sections 1, 12 and 13, Township 26 North, Range 58 East, M.P.M., and Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M., Richland and Roosevelt Counties, Montana. Section 1, Township 26 North, Range 58 East, M.P.M., together with Section 36, Township 27 North, Range 58 East, M.P.M., comprises a Permanent Spacing Unit for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. 41-2014. It is anticipated that Sections 12 and 13, Township 26 North, Range 58 East, M.P.M., together with Section 24, Township 26 North, Range 58 East, M.P.M., will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022. Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M., comprise an OTSU for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. \_\_-2022.

2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying portions of the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well in an OTSU comprised of All of Sections 1, 12 and 13, Township 26 North, Range 58 East, M.P.M., and All of Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M. Said well will be drilled at a location proximate to the common boundary between All of Sections 1, 12 and 13, Township 26 North, Range 58 East, M.P.M., and All of Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M., with a heel/toe setback of 200'.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU.

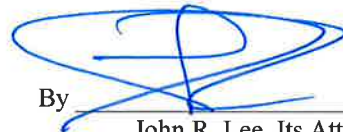
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AUG 26 2022

2. After hearing the matter, the Board enter its order creating an OTSU comprised of All of Sections 1, 12 and 13, Township 26 North, Range 58 East, M.P.M., and All of Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M. for purposes of drilling a horizontal Bakken/Three Forks formation well at a location proximate to the common boundary between All of Sections 1, 12 and 13, Township 26 North, Range 58 East, M.P.M., and All of Sections 6, 7 and 18, Township 26 North, Range 59 East, M.P.M., with a heel/toe setback of 200', providing that operations for the drilling of such well must be commenced within one year from the date of such order and further providing that the OTSU shall be limited to production from the proposed horizontal well.

DATED this 23<sup>rd</sup> day of August, 2022.

**KRAKEN OIL & GAS LLC**



By \_\_\_\_\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

Email: [jlee@crowleyfleck.com](mailto:jlee@crowleyfleck.com)

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**AUG 26 2022**

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA**

**IN THE MATTER OF THE  
APPLICATION OF FORZA  
OPERATING, LLC FOR AN ORDER  
DESIGNATING AND DELINEATING  
THE W½W½ OF SECTION 34,  
TOWNSHIP 35 NORTH, RANGE 1  
EAST, TOOLE COUNTY, AS THE  
PERMANENT SPACING UNIT FOR  
APPLICANT'S TURNER 34-1H NISKU  
FORMATION OIL WELL.**

**APPLICATION**

**DOCKET NO. 115 - 2022**

**FORZA OPERATING, LLC**, ("Applicant"), 25511 Budde Road, Suite 3404, Spring, Texas 77380, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the W½W½ of Section 34, Township 35 North, Range 1 East, and Operator of the Turner 34-1H well located thereon which has produced oil from the Nisku Formation underlying said lands.
2. Pursuant to ARM 36.22.702(2 & 7) and 36.22.703(4) Applicant designated the W½W½ of Section 34 as an optional drilling unit for the foregoing well.
3. ARM 36.22.703(4) provides that "Any Operator designating an optional drilling unit under this section must apply for proper well spacing within 90 days after the completion of a well capable of production."
4. Applicant requests the W½W½ of Section 34 be designated at the permanent spacing unit for the above well and Nisku Formation oil and associated natural gas produced therefrom.
5. Applicant reasonably believes the appropriate spacing unit for production of Nisku Formation oil and associated natural gas from the Turner 34-1H well is the W½W½ of Section 34.
6. Applicant believes that approval and granting of the request herein will be in the best interests of prevention of waste of oil and associated natural gas and the conservation thereof and will not adversely affect the correlative rights of any party.

WHEREFORE, Applicant requests the following:

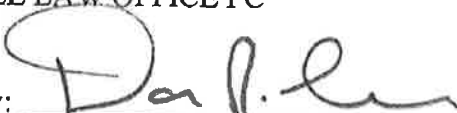
1. This matter be set for hearing and notice thereof be given as required by law;



2. After hearing this matter the Board enter its Order granting and approving the request of Applicant herein; and
3. For such other or additional relief as the Board may deem appropriate.

Dated September 7, 2022.

LEE LAW OFFICE PC

By: 

Don R. Lee, Attorney for Applicant  
Lee Law Office PC  
158 Main Street – P.O. Box 790  
Shelby, MT 59474  
Telephone: (406) 434-5244  
Email: [don@leelawofficepc.com](mailto:don@leelawofficepc.com)

**BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA**

**IN THE MATTER OF THE APPLICATION  
OF AVANTI ENERGY MONTANA, INC.  
FOR AN ORDER AUTHORIZING AN  
EXCEPTION TO THE STATEWIDE WELL  
LOCATION RULE WITH REGARD TO  
SECTION 13, TOWNSHIP 36 NORTH,  
RANGE 6 EAST, LIBERTY COUNTY.**

**APPLICATION**

**DOCKET NO. 116 - 2022**

AVANTI ENERGY MONTANA, INC. ("Avanti"), 400 – 750 11<sup>th</sup> Street S. W., Calgary, Alberta, Canada T2P 3N7, presents the following Application:

1. Avanti holds oil and gas leasehold interests in and to the following described lands in Liberty County:

Township 36 North, Range 6 East, MPM  
Section 13: All  
Containing 640.00 acres

2. Based upon seismic data and information and the interpretation thereof Avanti desires to drill a well within and upon Section 13 to test for the presence of helium gas in and from formations lying below the top of the Madison Group of Formations (hereafter the "Madison Formation").
3. Section 13 is presently unspaced with regard to formations lying below the top of the Madison Formation and therefore subject to temporary spacing established by Board Rule 36.22.702 (11), hereinafter referred to as the "statewide rule", which requires nine hundred ninety foot (990') setbacks from the exterior boundaries of the applicable six hundred forty (640) acre temporary spacing unit for gas wells.
4. Avanti desires to drill the above test well at a location approximately seven hundred six feet (706') from the south line ("FSL") and one thousand three hundred seventy-five feet (1,375') from the west line ("FWL") of Section 13 and therefore said proposed well location is not in conformity with the statewide rule and the nine hundred ninety foot (990') setbacks required thereby.
5. Avanti requests authorization and approval from this Board to drill and produce its proposed test well at the approximate location described above as an exception to the statewide rule, which exception well location is necessary in order to maximize the ultimate recovery of helium gas from formations lying below the top of the Madison Formation.
6. Avanti believes that approval and granting of the request herein will not adversely affect the correlative rights of any party.
7. In the event the requested exception well location is authorized by the Board and said well is drilled and completed as a well capable of commercial production of helium gas, within ninety (90) days of first production therefrom Avanti will file an appropriate Application with this Board requesting a permanent spacing unit for said well and the production of helium gas therefrom.

WHEREFORE, Avanti requests the following:

1. This matter be set for hearing and notice thereof be given as required by law;
2. This matter be placed on the Default Docket and if a protest hereto is timely received this Board hear this Application and consider the testimony of Avanti's witnesses who will be present at hearing;
3. After hearing this matter the Board enter its Order granting and approving the request of Avanti herein; and
4. For such other or additional relief as the Board may deem appropriate.

Dated September 8, 2022.

LEE LAW OFFICE PC

By: 

Don R. Lee  
Lee Law Office PC  
158 Main Street – P.O. Box 790  
Shelby, MT 59474  
Telephone: (406) 434-5244  
Email: [don@leelawofficepc.com](mailto:don@leelawofficepc.com)

BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF  
LUSTRE OIL COMPANY LLC FOR AN  
ORDER AMENDING THE LUSTRE FIELD  
RULES ESTABLISHED BY BOARD ORDER  
19-83 TO DESIGNATE THE SESW AND SWSE  
OF SECTION 17, TOWNSHIP 31 NORTH,  
RANGE 44 EAST, VALLEY COUNTY,  
MONTANA, AS AN 80 ACRE SPACING UNIT  
FOR A VERTICAL MADISON FORMATION  
WELL

MBOGC DOCKET NO. 117-2022

APPLICATION

LUSTRE OIL COMPANY LLC, 398 Sage Lane, Winnett, MT. 59087:

A) LUSTRE OIL COMPANY LLC PRESENTS THE FOLLOWING APPLICATION:

1. Applicant is an interest owner in the SESW and SWSE of Section 17, Township 31 North, Range 44 East, Valley County, Montana. Section 17 is presently spaced under MBOGC Order No. 19-83, which provides for spacing units consisting of one-half of a regular governmental quarter section or lots corresponding thereto, comprised of either the east half and west half of the quarter section or, at the option of the operator, the north half and the south half of the quarter section.
2. Applicant requests an amendment to Board Order 19-83 authorizing it to drill a vertical Madison formation well in a spacing unit comprised of the SESW and SWSE of Section 17, Township 31 North, Range 44 East, Valley County, Montana, not less than 330 feet from the spacing unit boundaries.
3. The proposed spacing unit is based upon Applicant's geological data and is, in Applicant's opinion, the optimum spacing unit for production of the Madison formation in the immediate vicinity.
4. Applicant will, within 90 days of successful completion of the proposed vertical well, file an application for Board consideration of permanent spacing and other matters relating to production from said well.

B) LUSTRE OIL COMPANY LLC REQUESTS:

1. This matter be set for hearing, with notice given as required by law;
2. After hearing the matter, the Board enter its order approving this application as an amendment to existing MBOGC Order No. 19-83, to authorize the drilling of a vertical Madison formation well in a spacing unit comprised of SESW and SWSE of Section 17, Township 31 North, Range 44 East, Valley County, Montana, and for such other relief as the Board deems appropriate.

Dated this 8th day of September, 2022

LUSTRE OIL COMPANY LLC

By Scotti Gray  
Scotti Gray, its attorney  
Gray Law PLLP  
3471 Masterson Circle  
Billings, Montana 59106  
graylawmt@gmail.com

**State of Montana  
Board of Oil and Gas Conservation**

Docket No. 118 - 2022  
Underground Injection Control  
Application

**Leonardo 18-1H  
SWD  
Sec. 18 T25N R59E**

**HYDRA MT LLC**

**9805 Katy Freeway – Ste. 300, Houston, TX 77024  
(713) 360-7705, fax (713) 360-7712**

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**SEP 07 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

# Underground Injection Control (UIC) Permit Application Fairview Field

The following is submitted in support of our application to permit the drilling and completion of the Leonardo 18-1H SWD well for the purposes of water injection into the Dakota Group and related rocks within the proposed Fairview Field, as required by Rule 36.22.1403 of the Rules and Regulations of the Montana Board of Oil & Gas Conservation.

## 1(a) Well Locations:

The Leonardo 18-1H SWD well has been proposed for drilling and completion of a water injection within the Fairview Field in Richland County, Montana as described below. Appendix I, depicts the surface location and a quarter ¼-mile radius representing the area of review (AOR) for this well at the SHL, along the wellbore and the BHL.

Leonardo 18-1H SWD  
300' FNL, 1,555' FEL  
NWNE Sec. 18-T25N-R59E

## 1(b) Wells Located within the ¼-mile Area of Review (AOR):

There are currently two oil wells active within the ¼-mile AOR. The Mayson Phoenix 17-20 #1H (25-083-23353) (TOC at 1,926') and the RKT Carda 7-6 #1H (25-083-23352) (TOC at 2,104'). Both wells target the Bakken interval with horizontal kick off points around 9,900' TVD and laterals running in the AOR around 10,300' TVD.

## 1(c) Location of All Pipelines:

The Leonardo 18-1H SWD surface facilities will be constructed on the same pad as the injection well.

Injection fluids will come from multiple oil wells in the area. The Leonardo 18-1H SWD will be tied into Hydra's existing Leviathan saltwater gathering line with the possibility of expansion in the future.

## 1(d) Area Producing Formations, Fresh Water Aquifers and Water Well Information:

The Ratcliffe, Mission Canyon, Bakken and Red River are formations that are producing or have been productive within T25N R59E in Richland County, MT. The Ratcliffe and Mission Canyon produce between 8,922-9100'. The Middle Bakken produces between 10,430-1480'.

Fresh water well data was obtained from the Montana Department of Natural Resources and Conservation, Water Resources, Division. There are two freshwater wells which produces within the ¼-Mile AOR of the proposed injector.

<u>Location</u>	<u>S-T-R</u>	<u>Well ID</u>	<u>Well Name</u>	<u>Depth</u>
NENE	18-25-59	128170	Vanderhoof Brothers	200'
NENE	18-25-59	148596	Vanderhoof	50'
SENE	17-25-59	291941	Ramona Raffnell	NA

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Any potential USWDs are protected from the proposed injection zone by surface casing to set at 1,854' cemented to the surface. The production string, tubing and an injection packer will result in further isolation of fresh USWDs from injected fluids.

**1(e) Name and Geological Description of Injection Zone:**

The Lower Cretaceous Inyan Kara within the Dakota Group is roughly 473' thick in this area based on grid tops for the Inyan Kara and the lower confining Swift formation. The Inyan Kara consists of a sequence of alternating fluvial and deltaic sands, silts, and shales. It unconformably overlies the Swift formation. There are several prospective porosity intervals for injection from 5,710-5,698' TVD with sand packages ranging from 40' to 60' in thickness.

The Cretaceous Mowry formation is the overlying confining formation for the Inyan Kara. The Mowry is estimated to be approximately 451' thick and comprised of black to gray, siliceous, fissile shales and siltstones containing bentonite layers.

The Jurassic Swift formation is the lower confining formation for the Inyan Kara. It is predominantly a transgressive-regressive, clastic, shallow marine deposit composed of dark-gray to greenish shales, and slightly calcareous, glauconitic siltstones and sandstones. The basal 150' to 200' are predominantly beds of slightly calcareous, dark-gray to greenish, waxy shales, commonly interbedded with glauconitic siltstones and sandstones with occasional carbonate units consisting of sand-sized skeletal packstones and grainstones. The upper half of the Swift is mostly shaly, glauconitic siltstones and sandstones with associated shales. The Swift formation is approximately 473' thick in this area.

**1(f) Additional Information on Producing Wells within the AOR:**

The The Mayson Phoenix 17-20 #1H (25-083-23353) (TOC at 1,926') and RKT Carda 7-6 #1H (25-083-23352) (TOC at 2,104') are active oil wells within the AOR. The wells have adequate cement height and lithology for injection.

**1(g) Open Hole Logs:**

The Leonardo 18-1H SWD will be a new drill SWD. The logging program will consist of a CBL/CCL/GR log ran from TD to Surface during the completion of the well. Any logs and test data run on the Leonardo 18-1H SWD will be supplied to the MBOGC.

**1(h) Description of Wellbore Construction:**

Appendix IV, attached to this document is the MBOGC's Form 2 requesting drilling and completing the subject well as an SWD. Appendix V, depicts the proposed wellbore configuration and directional plans for the Leonardo 18-1H SWD. Perforations will be selected after logs will be run. Appendix VI, illustrates the plan for completion of the subject well. The Dakota Group perforations will be acidized with 12,000 gallons of 15% HCL using rock salt for diversion with a maximum allowable treating pressure of 5,000 PSIG at the wellhead during stimulation.

The 8-3/4" Intermediate section will be drilled to approximately 4,852' at which point we will drill the curve section at 10°/100 ft to LP and drill lateral section to approximately 8,966' MD. 7" casing will be ran to TD and cemented into place, TVD will be at 5,703'.

**1(i) Description of Injection Fluid:**

The Leonardo 18-1H SWD will primarily be used to inject produced water from wells producing from the Bakken formation in the surrounding area. Water from the Red River, Madison and other producing intervals of the Williston Basin may also be disposed of in the Leonardo 18-1H SWD, depending on future development plans. Appendix VII, depicts a representative water analyses from a Bakken well in the area well that will be injected at the Leonardo 18-1H SWD. The Dakota

formation has been the most prevalent disposal domain throughout Eastern Montana and North Dakota.

**1(j) Names of Owners of Record:**

The surface owners and mineral owners within the AOR are presented in Appendix VIII.

Hydra MT, LLC has notified the current operators, surface owners and lease owners in accordance with 36.22.1410 1) notification requirements for an underground injection permit. Appendix IX is an affidavit attesting to the fact that notices have been mailed.

**1 (k) List of Appendices:**

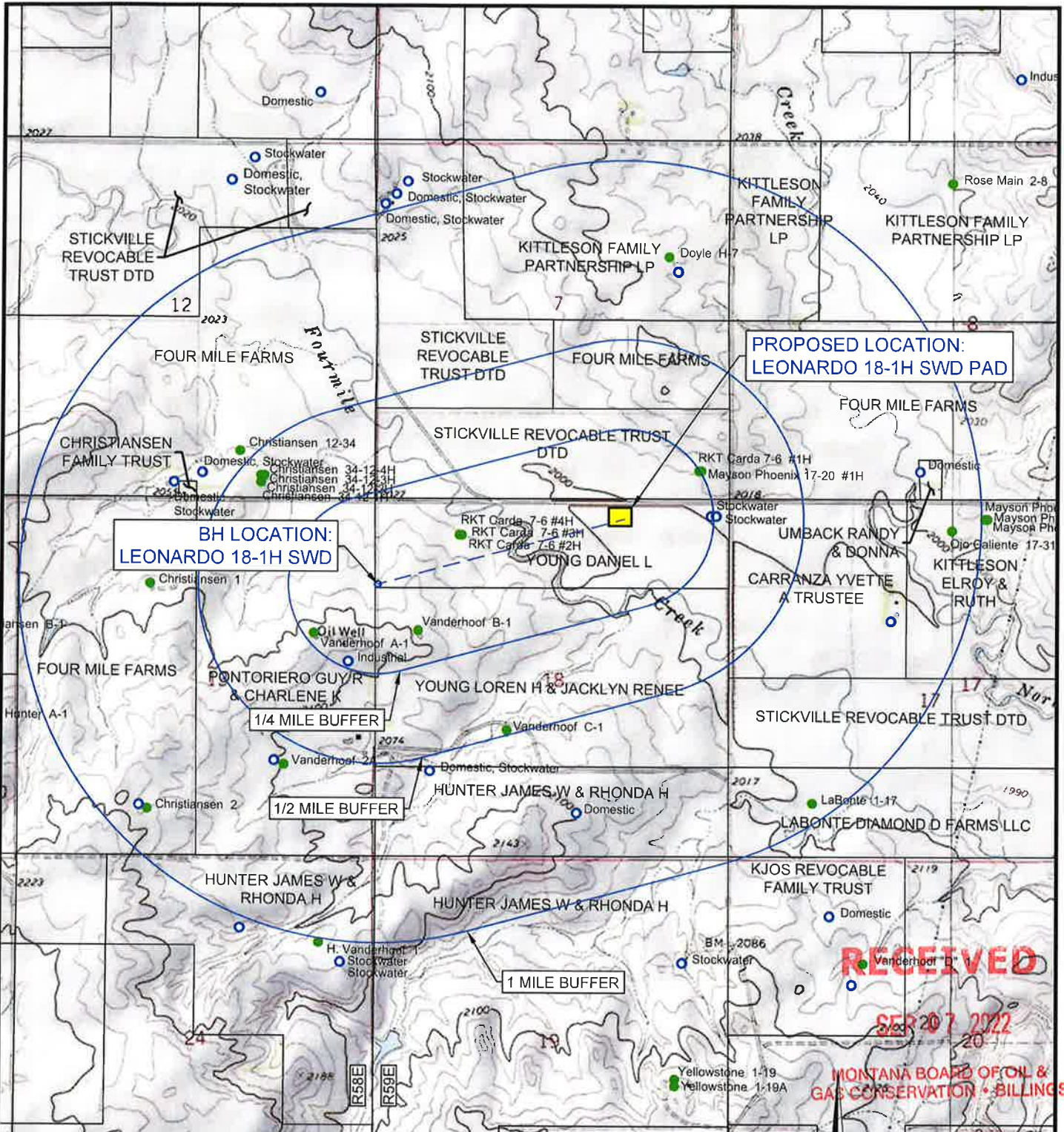
- I ¼-Mile Area of Review Map
- II Plat of SWD Location
- III Representative Log
- IV Sundry Notices
- V Proposed Wellbore Schematic/Directinoal Plans
- VI Proposed Completion Procedure
- VII Water Analysis – Source Waters
- VIII List of Surface Owners/Mineral Owners in ¼-Mile AOR
- IX Affidavit of Notification to Landowners
- X Example of Landowner Notifications of Application for Injection
- XI Notice of Intention to Apply for a Class II Well.
- XII Affidavits of Publication – Helena & Wolf Point

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**Notes:**

1. Confidentiality Notice: The information contained on this plat is legally privileged and confidential information intended only for the use of recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.
2. Well location as depicted does not constitute an as-built survey.

**LEGEND:**

- OIL/GAS WELL
- WATER WELL



**WELL PROXIMITY MAP**

**HYDRA MT, LLC**

**LEONARDO 18-1H SWD**

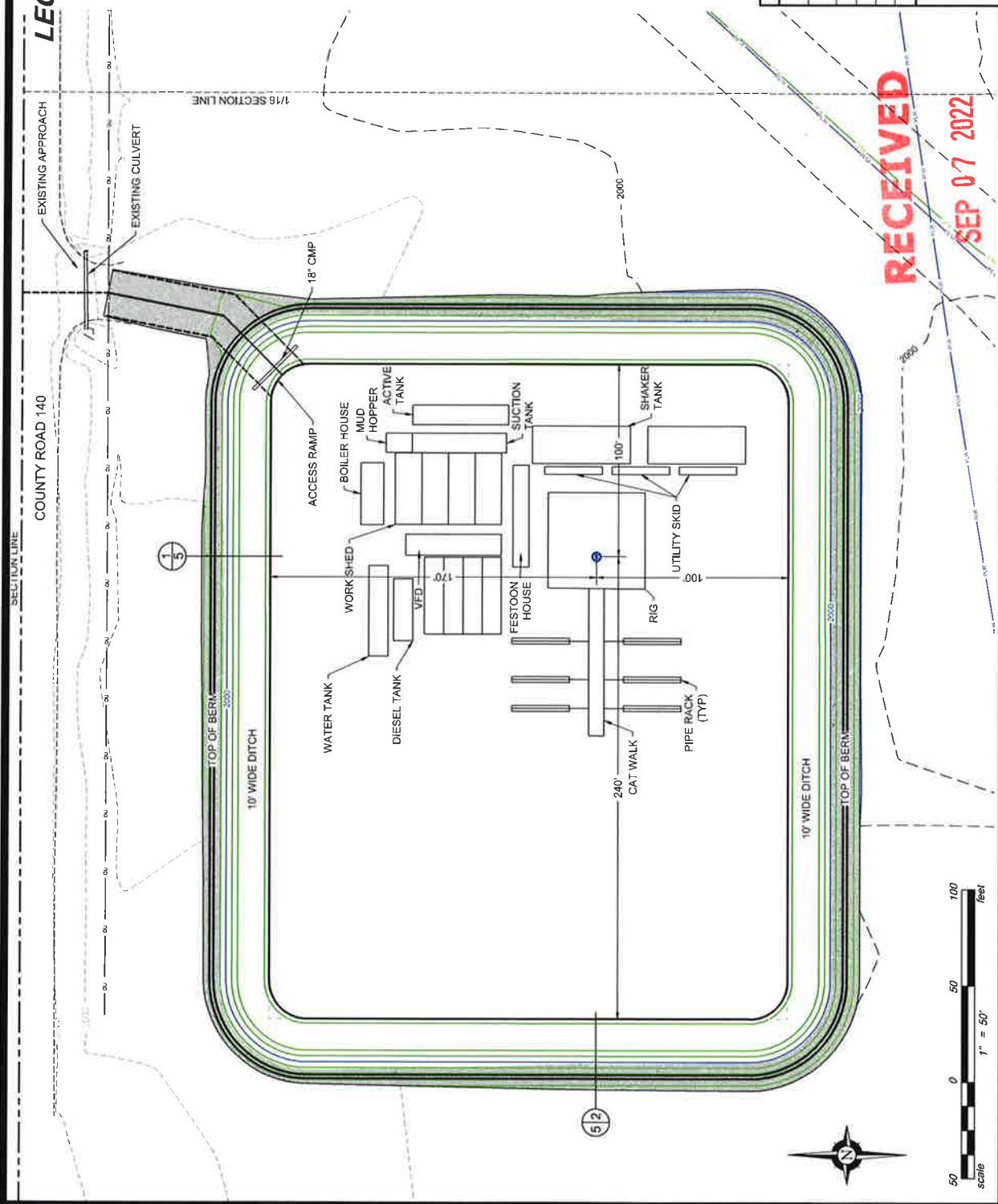
Sec. 18, T25N, R59E, P.M.M., Richland Co., Montana

Project No.: 2022-65-1001  
 Survey Date: August 16, 2022  
 Drawing Date: August 22, 2022  
 Surveyed By: C.T.M.R.  
 Drawn By: H. Nickoloff  
 Checked By: L. Hurst



ERICKSON CONTRACT SURVEYING  
 333 10th Ave. SE Sidney, Montana  
 Office 406-482-6606 / Fax 406-482-6600  
 Sheet 13

**LEONARDO 18-1H SWD**  
 NW1/4NE1/4, SEC. 18,  
 T25N, R59E, P.M.M.,  
 RICHLAND COUNTY,  
 MONTANA



**LEGEND**

- FILL AREA
- PROPOSED WELL
- OIL LINE
- SALTWATER LINE
- OVERHEAD ELECTRIC
- PRIVATE WATER LINE



<b>LEONARDO 18-1H SWD</b>	
<b>TYPICAL RIG LAYOUT</b>	
NW1/4NE1/4, SECTION 18, T25N, R59E, P.M.M., RICHLAND COUNTY, MT	
Project #:	2022-65-1001
Surveyed Date:	8/16/22
Surveyed By:	C.T.M.R.
Drawn By:	H. Nickolaif
Checked By:	L. Hurst
Revision:	Sheet 7
Surveying & Drafting Services By:	
<b>ECS</b> INC. ENGINEERING CONSULTANTS SURVEYING AND DRAFTING 1000 W. 17th Street, Billings, MT 59102	

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# Kraken Operating, LLC

## Representative Log

Labonte 1-17

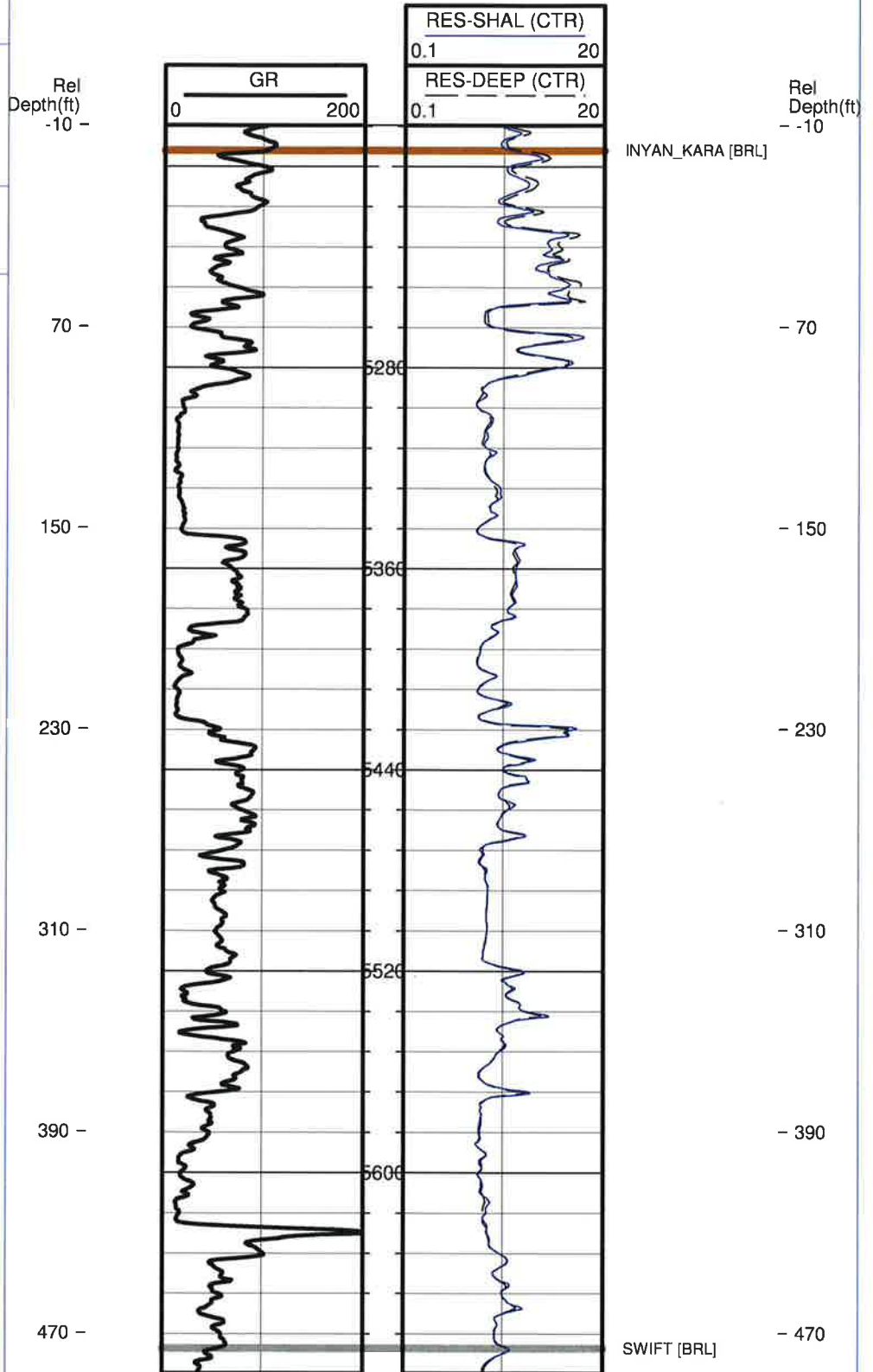
250832171200

### LOG CURVES

0 200 GR (GAPI) Calibrated Gamma-Ray (F12.3)  
0.1 20 RES-DEEP ## CENTERED IN TRACK ##  
0.1 20 RES-SHAL ## CENTERED IN TRACK ##

### TOPS AND MARKERS

INYAN\_KARA BRL  
SWIFT BRL



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HS=400

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 ARM 36.22.307, 601, 605  
 1003, 1004, 1011, 1013,  
 1103, 1222, 1240, 1301,  
 1306, 1309, and 1417  
**SEP 07 2022**

Submit In Quadruplicate To:

**MONTANA BOARD OF OIL AND GAS CONSERVATION  
 2535 ST. JOHNS AVENUE  
 BILLINGS, MONTANA 59102**

**MONTANA BOARD OF OIL &  
 GAS CONSERVATION • BILLINGS**

**SUNDRY NOTICES AND REPORT OF WELLS**

Operator <b>Hydra MT, LLC</b>		Lease Name: <b>Leonardo</b>
Address <b>9805 Katy Freeway Ste 300</b>		Type (Private/State/Federal/Tribal/Allotted): <b>Private</b>
City <b>Houston</b>	State <b>TX</b>	Zip Code <b>77024</b>
Telephone <b>713-360-7705</b>	Fax <b>713-360-7712</b>	Well Number: <b>18-1H SWD</b>
Location of well (1/4-1/4 section and footage measurements): <b>300' FNL, 1,555' FEL                  NWNE Sec. 18-T25N-R59E</b>		Unit Agreement Name:
		Field Name or Wildcat: <b>Fairview</b>
		Township, Range, and Section: <b>18-T25N-R59E</b>
API Number: <b>25</b>   _____   _____ State County Well	Well Type (oil, gas, injection, other): <b>Injection</b>	County: <b>Richland</b>

Indicate below with an X the nature of this notice, report, or other data:

Notice of Intention to Change Plans	<input type="checkbox"/>	Subsequent Report of Mechanical Integrity Test	<input type="checkbox"/>
Notice of Intention to Run Mechanical Integrity Test	<input type="checkbox"/>	Subsequent Report of Stimulation or Treatment	<input type="checkbox"/>
Notice of Intention to Stimulate or to Chemically Treat	<input type="checkbox"/>	Subsequent Report of Perforation or Cementing	<input type="checkbox"/>
Notice of Intention to Perforate or to Cement	<input type="checkbox"/>	Subsequent Report of Well Abandonment	<input type="checkbox"/>
Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
Notice of Intention to Pull or Alter Casing	<input type="checkbox"/>	Subsequent Report of Drilling Waste Disposal	<input type="checkbox"/>
Notice of Intention to Change Well Status	<input type="checkbox"/>	Subsequent Report of Production Waste Disposal	<input type="checkbox"/>
Supplemental Well History	<input type="checkbox"/>	Subsequent Report of Change in Well Status	<input type="checkbox"/>
Other (specify) <u>Intent to Drill &amp; Complete a</u>	<input checked="" type="checkbox"/>	Subsequent Report of Gas Analysis (ARM 36.22.1222)	<input type="checkbox"/>
<u>Class II Injection Well</u>	<input type="checkbox"/>		<input type="checkbox"/>


**Describe Proposed or Completed Operations:**

Describe planned or completed work in detail. Attach maps, well-bore configuration diagrams, analyses, or other information as necessary. Indicate the intended starting date for proposed operations or the completion date for completed operations.

**Hydra MT, LLC respectfully requests approval to drill and complete a disposal well at the referenced location for injection of Class II E&P waste. Notice has been provided to parties within the 1/4 mile area of review of the proposed location. An application for hearing on the Montana Board of Oil and Gas Conservation docket has been requested for October 13, 2022.**

**Kraken Operating, LLC requests variance to not run open hole logs on the subject well.**

The undersigned hereby certifies that the information contained on this application is true and correct:

9/6/22 Date  Signed (Agent)

**Peter Larsen, VP - Midstream**  
 Print Name and Title

Telephone: 713-360-7705

**BOARD USE ONLY**

Approved \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
 Name Title

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### SUPPLEMENTAL INFORMATION

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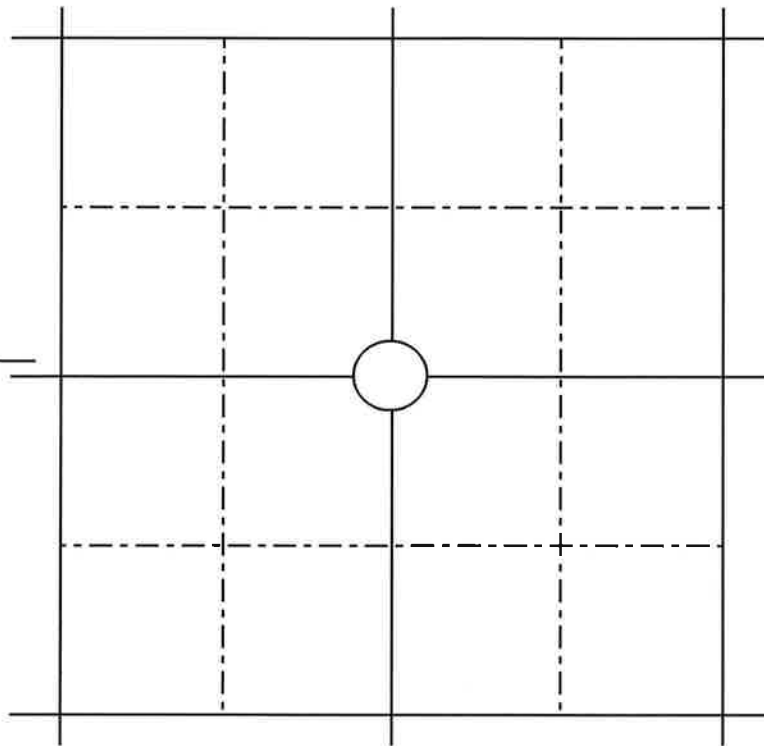
NOTE: Additional information or attachments may be required by Rule or by special request.

Plot the location of the well or site that is the subject of this notice or report.

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Range 59

Township 25



**BOARD USE ONLY**

**CONDITIONS OF APPROVAL**

The operator must comply with the following condition(s) of approval:

Failure to comply with the conditions of approval may void this permit.

**RECEIVED**  
 ARM 36.22.307, 601, 605,  
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**SEP 07 2022**

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**BILLINGS, MONTANA 59102**

**MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS**

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City <b>Houston</b>	State <b>TX</b>	Zip Code <b>77024</b>	Well Number: <b>18-1H SWD</b>
Telephone <b>713-360-7705</b>	Fax <b>713-360-7712</b>	Unit Agreement Name:	
Location of well (1/4-1/4 section and footage measurements): <b>300' FNL, 1,555' FEL</b> <b>NWNE Sec. 18-T25N-R59E</b>		Field Name or Wildcat: <b>Fairview</b>	
API Number: <b>25</b>   _____   _____ State County Well		Township, Range, and Section: <b>18-T25N-R59E</b>	
Well Type (oil, gas, injection, other): <b>Injection</b>		County: <b>Richland</b>	

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Notice of Intention to Abandon Well	<input type="checkbox"/>	Subsequent Report of Pulled or Altered Casing	<input type="checkbox"/>
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**Kraken Operating, LLC requests variance to not run open hole logs on the subject well.**

BOARD USE ONLY	
Approved _____	Date _____
_____	_____
Name	Title

The undersigned hereby certifies that the information contained on this application is true and correct:

9/6/22 

Date Signed (Agent)

**Peter Larsen, VP - Midstream**  
 Print Name and Title

Telephone: 713-360-7705

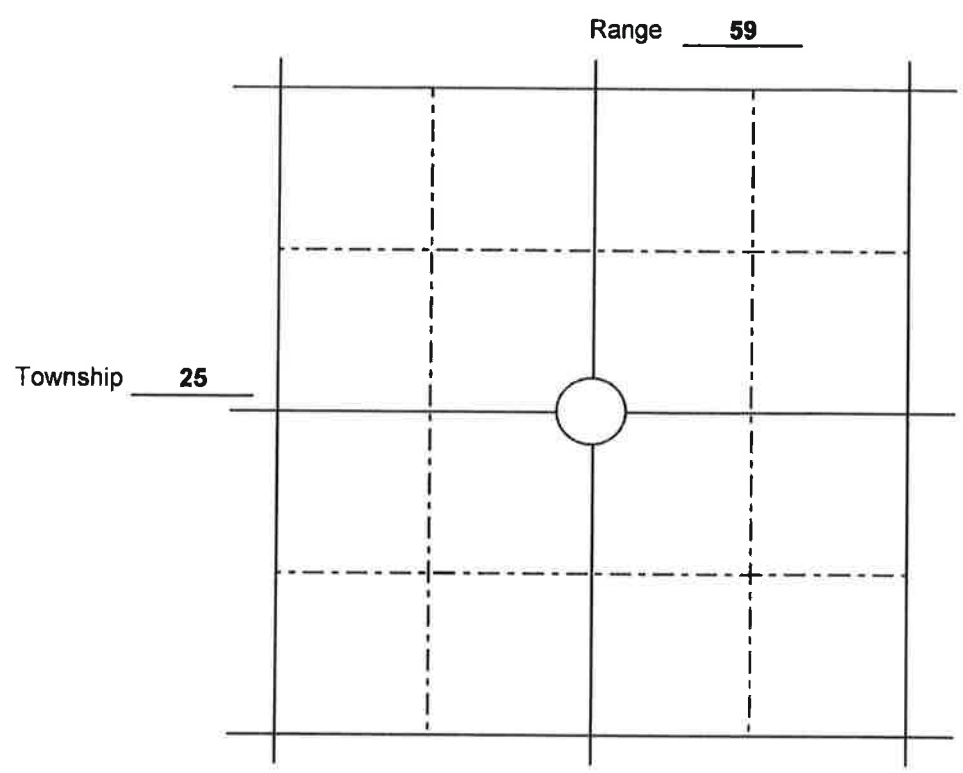
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### SUPPLEMENTAL INFORMATION

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Plot the location of the well or site that is the subject of this notice or report.



**BOARD USE ONLY**

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GAS CONSERVATION • BILLINGS**

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**Peter Larsen, VP - Midstream**  
Print Name and Title

Telephone: 713-360-7705

**BOARD USE ONLY**

Approved \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
Name Title



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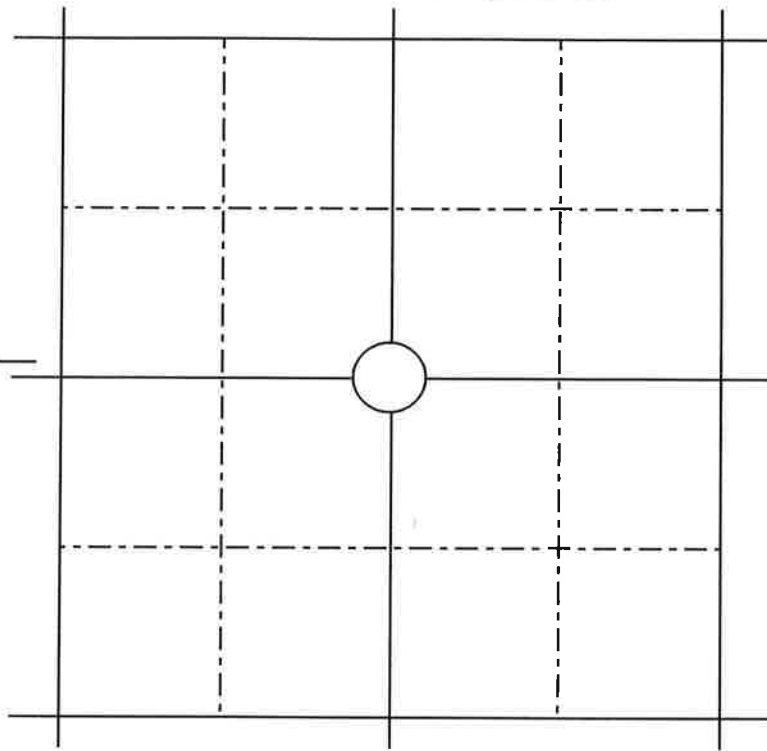
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MONTANA BOARD OF OIL &  
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Range 59

Township 25



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**CONDITIONS OF APPROVAL**

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		Field Name or Wildcat: <b>Fairview</b>
		Township, Range, and Section: <b>18-T25N-R59E</b>
API Number: <b>25</b>   _____   _____ State County Well	Well Type (oil, gas, injection, other): <b>Injection</b>	County: <b>Richland</b>

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<b>Class II Injection Well</b>	<input type="checkbox"/>		<input type="checkbox"/>

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**9/6/22**      *Peter Larsen*  
Date      Signed (Agent)

**Peter Larsen, VP - Midstream**  
Print Name and Title

Telephone: \_\_\_\_\_ 713-360-7705

**BOARD USE ONLY**

Approved \_\_\_\_\_  
Date

---

Name \_\_\_\_\_ Title \_\_\_\_\_

**SUPPLEMENTAL INFORMATION**

**RECEIVED**

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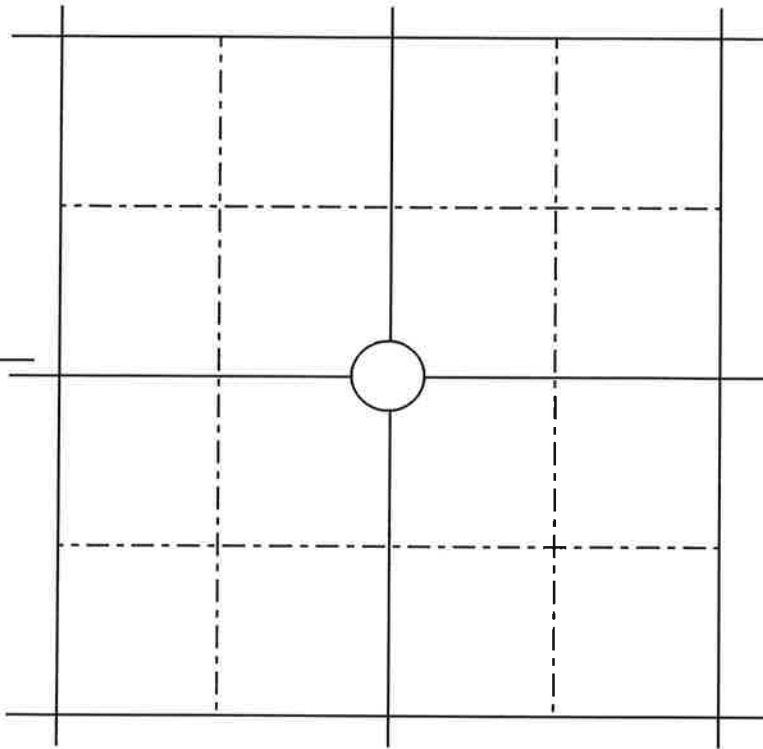
**SEP 07 2022**

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**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

Range 59

Township 25



**BOARD USE ONLY**

**CONDITIONS OF APPROVAL**

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RECEIVED

SEP 07 2022

Hydra MT, LLC

Well Name: Leonardo 18-1H SWD  
 Legals: NWNE Sec. 18 T25N-R59E  
 County, State: Richland Co., Montana  
 Date: 8/31/2022  
 G.L. 1,999 K.B. 26

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

Proposed Installation					
Installation	Set Depth	Length	Description	OD	ID
12-1/4" Hole	80.00	80.00	<b>Casing Description:</b>		
	1,880.00	1,880.00	Conductor- 65# H-40	16.000	15.250
	8,966.00	8,966.00	Surface Casing- 36# J-55 STC	9.625	8.920
			Production Casing- 32# P-110 BTC	7.000	6.094
8-3/4" Hole			<b>Cement:</b>		
			Surface CSG:		
			Lead: 248sx 11.5# Varicem CMT, 2.81 ft3/sx		
		Tail: 115sx 13.0# Varicem CMT, 1.91 ft3/sx			
		TOC: Surface			
			<b>Production CSG:</b>		
			Lead: 553 sx 13# NeoCem CMT, 1.959 ft3/sx		
			TOC: Est. 1880'		
			<b>WellHead:</b>		
			7-1/16" 5M		
			<b>Peforations:</b>		
	5,710.00		1 SPF		
	8,900.00				
			<b>Completion:</b>		
	4,840.00		7" Nickel Plated AS1-X PKR		
			<b>Stimulation:</b>		
			12,000 Gal of 15% HCL		
			Est. 6,000#'s Rock Salt Diversion		
			Est. Treat Rate- 10 BPM		
			Est. Treat Max Press- 5,000 PSIG		
			TD @ 8,966' MD 5,703' TVD		

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GAS CONSERVATION • BILLINGS**

**Appendix VI: Completion Procedure**  
Montana Board of Oil & Gas Commission  
Underground Injection Control – Permit Application

**Hydra MT, LLC**  
**Leonardo 18-1H SWD**  
**Richland County, MT**

**API No: \_\_\_\_\_**

**COMPLETION PROCEDURE**

**September 6, 2022**

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GAS CONSERVATION • BILLINGS

Leonardo 18-1H SWD  
Richland Co., MT

COMPLETON OVERVIEW

WELL DATA:

Total Well Depth            8,966' MD, 5,703' TVD  
GL                                1,999'  
RKB                               26'

Casing

<u>OD</u>	<u>WT</u>	<u>GRADE</u>	<u>CONN</u>	<u>ID</u>	<u>DRIFT</u>	<u>INTERVAL</u>	<u>BURST</u>	<u>COLLAPSE</u>
9-5/8"	36#	J-55	LTC	8.921	8.765	0 – 1880'	3520	2020
7.00"	32#	P-110	BTC	6.094	5.969	0 – 8966'	11640	10760

Tubing (PROPOSED)

<u>OD</u>	<u>WT</u>	<u>GRADE</u>	<u>CONN</u>	<u>ID</u>	<u>DRIFT</u>	<u>INTERVAL</u>	<u>BURST</u>	<u>COLLAPSE</u>
4-1/2"	11.6	J55 IPC	LTC	3.875	3.863	0 – 4,840'	5350	4960

**Objective:**

**A. OPERATIONAL REQUIREMENTS**

1. Prior to each major operation, hold a pre-job safety/ planning meeting (**PJSM**) with all personnel involved in the operation. Discuss the upcoming operation and safety concerns and solicit feedback from all personnel involved.
2. Keep track of daily activities on your Daily Report.
3. Inspect any tanks prior to filling.
4. Physically caliper, measure, and photograph ALL tools that enter the well bore.

**B. COMPLETE THE WELL FOR INJECTION**

1. Contact MBOGC within 24 hours of commencement.
2. Set and test workover rig anchors.
3. Move in and rig up workover rig, mud pump, mud tank, power swivel, pipe racks, catwalk, and 2-400 bbl tanks.
4. Move in and unload 9000' 2-7/8" PH6 work string on pipe racks.

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**Leonardo 18-1H SWD  
Richland Co., MT**

- a. Visually inspect before use.
5. Install a 7-1/16" 5000 psi BOP with 2-7/8" pipe rams/blind rams and a 5000 psi Washington Head.
6. Pick up and go in hole with a used 6" rock bit w/2-7/8" work string.
7. Trip in hole to Float Collar at est. depth of 8,926'.
8. Circulate hole w/10# brine.
9. TOOH. LD first 400'. Stand back rest of string.
10. Rig up Wireline and Run CBL to verify cement across and above the Dakota.
11. RU Coil Tubing to Perforate the Dakota (all perfs = 1 spf, 72 degree phasing). Pump proppant to jet cut perforations in 7" casing. Determine shot depths based off of CBL.
12. Trip in hole with 7" packer on 2-7/8" work string and set packer 4,840' to acidize the perfs.
13. Acidize perfs with:
  - a. 12,000 gal 15% HCL containing mud cleanout surfactants and 1 ppg rock salt pumped per attached procedure. Ramp treatment pressure up to 10 BPM. Do not exceed tubular burst strength during treatment.
  - b. Follow acid with 400 bbl fresh water at 10 BPM. Displace fresh water with tbv volume of salt water.
  - c. Record ISIP, 5 minute, and 10 minute shut-in pressures. Pump test injection zone at 2- 10 BPM. Record injection pressures during injectivity test.
14. Release packer and trip out of hole with 2-7/8" work string. Lay down work string and packer.
15. Trip in hole with 7.00" Arrowset 1-X Nickel coated packer and 4-1/2" tubing. Set packer at 4,840' and displace annulus with 10 ppg brine treated with packer fluid chemical.
16. ND BOP/ NU injection wellhead. Test casing-tubing annulus to 1,000 psi with MBOGC inspector as witness. Install permanent pressure gauge on casing-tubing annulus to monitor pressure.
17. Rig down and move out workover rig.

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P.O. Box 972  
MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

# ASTRO-CHEM LAB, INC.

4102 2nd Ave. W.

Williston, North Dakota 58802-0972  
Phone: (701) 572-7355

## WATER ANALYSIS REPORT

Sample Number: 20-00973

Date of Analysis: 3/11/2020

Company: Kraken Operating, LLC.

City: Houston

State: TX

Well Number: Taylor 14-23-1H

Sample Source: Test Separator

Date Received: 3/10/2020

Date Sampled: 3/4/2020

Formation:

Depth:

Location:

Section:

Twp:

Rng:

County:

Distribution: Distribution List

Resistivity @ 77 °F 0.044 Ohm-Meters

pH 5.93

Specific Gravity @ 77 °F 1.180

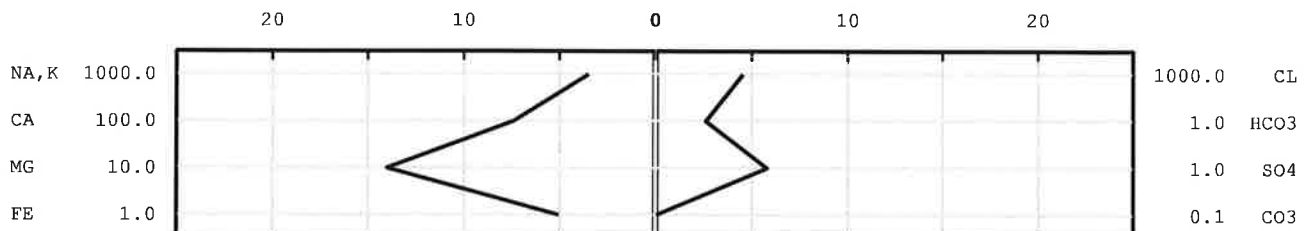
H<sub>2</sub>S Negative

Total Dissolved Solids (Calculated) 264737 mg/L 224353 ppm

Sodium Chloride (Calculated) 265426 mg/L 224937 ppm

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	740.0	14830	CHLORIDE	4540.2	160964
MAGNESIUM	140.0	1701	CARBONATE	0.0	0
SODIUM	3497.2	80400	BICARBONATE	2.6	159
IRON	5.0	93.9	SULFATE	5.8	278
CHROMIUM	0.1	0.9	NITRATE	0.0	0
BARIUM	0.6	40.9			
POTASSIUM	142.5	5570			
STRONTIUM	15.5	680.0			
ZINC	0.6	19.5			

## WATER ANALYSIS PATTERN



Remarks: Sampled by Ben Borg

Analyzed By: C. Jungels



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# ASTRO-CHEM LAB, INC.

4102 2nd Ave. W.

Williston, North Dakota 58802-0972  
Phone: (701) 572-7355

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P.O. Box 972  
MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

## WATER ANALYSIS REPORT

Sample Number: 20-00976

Date of Analysis: 3/11/2020

Company: Kraken Operating, LLC.

City: Houston

State: TX

Well Number: Taylor 14-23-2H

Sample Source: Test Separator

Date Received: 3/10/2020

Date Sampled: 3/8/2020

Formation:

Depth:

Location:

Section:

Twp:

Rng:

County:

Distribution: Distribution List

Resistivity @ 77 °F 0.042 Ohm-Meters

pH 5.90

Specific Gravity @ 77 °F 1.190

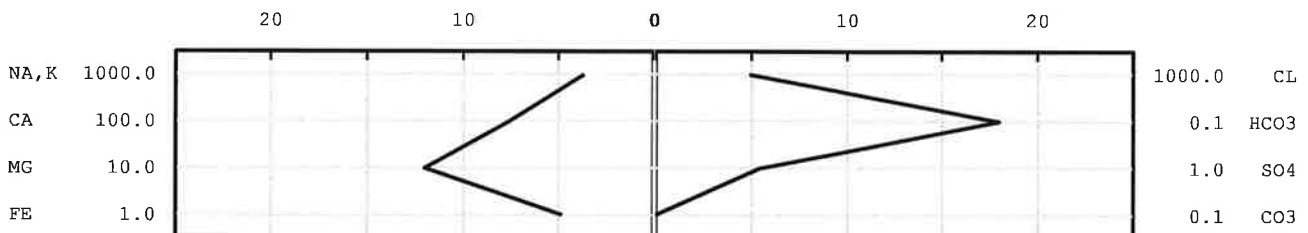
H<sub>2</sub>S Negative

Total Dissolved Solids (Calculated) 280474 mg/L 235693 ppm

Sodium Chloride (Calculated) 285209 mg/L 239672 ppm

CATION	MEQ/L	mg/L	ANION	MEQ/L	mg/L
CALCIUM	760.0	15230	CHLORIDE	4878.6	172961
MAGNESIUM	120.0	1458	CARBONATE	0.0	0
SODIUM	3653.8	84000	BICARBONATE	1.8	110
IRON	4.8	89.7	SULFATE	5.4	260
CHROMIUM	0.1	0.9	NITRATE	0.0	0
BARIUM	0.6	44.6			
POTASSIUM	143.5	5610			
STRONTIUM	15.7	690.0			
ZINC	0.6	20.4			

## WATER ANALYSIS PATTERN



Remarks: Sampled by Ben Borg

Analyzed By: C. Jungels

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## Underground Injection Control (UIC) Permit

### Appendix 6 – List of Surface Ownership

T25N-R59E: Section 17: NW4

Nathan Paulson and Yvette A. Carraza  
16827 SE Fragrance Ave  
Milwaukie, OR 97267

T25N-R59E: Section 8: S2

Four Mile Farms  
34946 County Road 140  
Fairview, MT 59221-9396

T25N-R59E: Section 18: N2N2

Loren H. Young & Jaclyn R. Young  
13705 County Road 351  
Fairview, MT 59221

Daniel L. Young

13689 County Road 352  
Fairview, MT 59221-9419

T25N-R59E: Section 7: S2

Stickville Revocable Trust DTD 4/27/2012  
35001 County Road 141  
Fairview, MT 59221-9202

T25N-R59E: Section 17: E2

Elroy & Ruth Kittleson  
14199 County Road 347  
Fairview, MT 59221

T25N-R58E: Section 13: E2

Guy & Charlene Pontoriero  
13689 County Road 140  
Fairview, MT 59221-9419

T25N-R58E: Section 12: SE4

Four Mile Farms  
34946 County Road 140  
Fairview, MT 59221-9396

### Appendix 6 – List of Mineral Ownership

T25N-R59E: Section 17: NW/4, NE/4

Marvin Paulson  
2232 Hillside Drive  
Missoula, MT 59803

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Nathan Paulson  
16827 SE Fragrance Ave.  
Milawukie, OR 97267

Richard A. Larsen, Life Estate  
2502 3<sup>rd</sup> St. NW  
Sidney, MT 59270

Richard A. Larsen  
79-385 Bermuda Dunes Dr.  
Bermuda Dunes, CA 92203

Shawna Casey  
1437 Wilkes Way SE  
Rio Rancho, NM 87124

Hurleyn Ginther-Hanson/Ginther  
P.O. Box 6  
Fallon, MT 59326

Knapp Oil Corporation  
P.O. Box 786  
Sidney, MT 59270

Walter E. Johnson Irr Trust  
P.O. Box 1088  
Williston, ND 58802

Elroy & Ruth Kittleson  
14199 County Road 347  
Fairview, MT 59221

Art & Karen Dehn Rev Trust  
44 Pinehurst Dr.  
Sheridan, WY 82801

Janeet Lee Gabriel Living Trust  
8821 NE Juainta DR.  
Kirkland, WA 98034

Gary B. Sedlacek  
3040 Stephanie Drive  
Dickinson, ND 58601

Gail M. Harper  
16072 35<sup>th</sup> St. NW  
Fairview, MT 59221

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MONTANA BOARD OF OIL &  
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Phoenix Capital Group Holdings, LLC  
PO Box 363  
El Segundo, CA 90245

Dianne Murray  
22855 East Country Vista Dr. #467  
Liberty Lake, WA 99019

Gary Malsam  
PO Box 393  
Fairview, MT 59221

T25N-R59E: Section 7: S2, N2SE4, S2S2

Alma Christiansen  
P.O. Box 5  
Fairview, MT 59221

Rodger Christiansen  
3496 County Road 140  
Fairview, MT 59221

Richard Christiansen  
P.O. Box 511  
Fairview, MT 59221

Donna Umback  
35163 County Road 140  
Fairview, MT 59221

Diane Miller  
P.O. Box 550  
Fairview, MT 59221

Maryann Danielson  
3051 160<sup>th</sup> Ave. NW  
Fairview, MT 59221

Chris Vanderhoof  
20418 Highway 41 North  
Rathdrum, ND 58858

Bridgepoint Mineral Acquisition  
P.O. Box 10457  
Midland, TX 79701

Hat Creek Royalty  
P.O. Box 3240  
Midland, TX 79702

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**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

Viola L. Jacobson  
4701 North 68<sup>th</sup> St. Apt 124  
Scottsdale, AZ 85251

Thomas G. Dorough Trust Partnership  
P.O. Box 1196  
Englewood, CO 80150

Kenneth J. Presley & Ethelee Presley  
7582 S. Newport Ct.  
Englewood, CO 80112

Yellowstone Boys and Girls Ranch Foundation  
P.O. Box 80807  
Billings, MT 59108

Nancy Ellis Schmidt  
661 Floral Ave. C5  
New Braunsfels, TX 78130

Margaret Elizabeth Cline  
1060 Allen Ave.  
New Braunsfels, TX 78130

Henry W. Ellis  
2741 Morning Moon  
New Braunsfels, TX 78132

John Thomas Ellis  
9012 Gainsborough  
Spring Branch, TX 78070

Frost Interest, Ltd  
P.O. Box 27767  
Houston, TX 77227-7767

Frost Oil Partnership  
5555 San Felipe, Ste 200  
Houston, TX 77056

K.G. McCann Sr.  
206 North 60<sup>th</sup> St.  
Seattle, WA 98103

Mark Presley  
505 Lakeview Road  
Westcliffe, CO 81252

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Dena Presley  
505 Lakeview Road  
Westcliffe, CO 81252

Judy Sheridan  
8694 E. Monmouth Pl.  
Denver, CO 80237

Carole McCann  
PO Box 33  
Fulshear, TX 77441

Kenneth G. McCann & Aleta McCann Living Trust  
121 North Post Oak Lane #1701  
Houston, TX 77024

Estate of Gerald Wayne McCann  
C/O Delyse Jaeger & Kelly Keen  
1838 W. FM 1291  
Round Top, TX 78954

John D. McCann  
PO Box 982  
Fulshear, TX 77441

**Working Interest Parties**

Columbus Energy Corporation  
700 Lincoln Street, Ste 1800  
Denver, CO 80205

Arnold Greenberg  
6650 West Lakeridge Road  
Lakewood, CO 80227

Cow Gulch Oil Company  
854 Equitable Building  
Denver, CO 80202

Segal Oil & Gas, Inc.  
10 East 70<sup>th</sup> St  
New York, NY 10021

Gross Resources Limited Partnership  
300 East 54<sup>th</sup> St, Apt 21k  
New York, NY 10022

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MONTANA BOARD OF OIL &  
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East End Energy, Inc.  
735 Seven Ponds Town Road  
Southampton, NY 11968

Wendy Galof Melina  
500 East 83<sup>rd</sup>, Apt 21M  
New York, NY 10028

Mark S. Gatof  
344 Black Forest Road  
Glen Spey, NY 12737

TGC Limited Partnership  
107 John St.  
Southport, CT 06890

Everyln R. Segal Trust  
130 East 67<sup>th</sup> St. Apt 2E  
New York, NY 10021

Kraken Oil & Gas, LLC  
9805 Katy Freeway, Ste 300  
Houston, TX 77024

**T25N-R59E: Section 18: NE/4**

Yellowstone Boys and Girls Ranch  
P.O. Box 80807  
Billings, MT 59108

Tom Dorough LLC  
P.O. Box 1196  
Englewood, CO 80150

Kenneth Presley and Ethelee Presley  
7582 S. Newport Ct.  
Englewood, CO 80112

Frost Oil Partnership, c/o Mercer Global Advisors Inc.  
5555 San Felipe, Ste 200  
Houston, TX 77056

Frost Interests, LTD, LLP Revocable Trust c/o Amegy Bank  
P.O. Box 27767  
Houston, TX 77227-7767

KG McCann Sr.  
206 North 60<sup>th</sup> St.  
Seattle, WA 98103

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MONTANA BOARD OF OIL &  
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McCann Family Royalty Trust  
206 North 60<sup>th</sup> St.  
Seattle, WA 98103

Danette S. Chimenti Revocable Trust  
200 The Circle  
Austin, TX 78704

Jeffrey S. Chimenti  
14 East Legacy Point Circle  
The Woodlands, TX 77382

Brian T. Chimenti  
66 Hallbrook Way  
The Woodlands, TX 77389

Henry W. Ellis, III  
2741 Morning Moon  
New Braunsfels, TX 78132

John Thomas Ellis  
9012 Gainsborough  
Spring Branch, TX 78070

Margaret Elizabeth Cline  
1060 Allen Ave.  
New Braunsfels, TX 78130

Nancy Ellis Schmidt  
661 Floral Ave. C5  
New Braunsfels, TX 78130

Mason Schmidt  
1060 Allen Ave  
New Braunsfels, TX 78130

Helen M. Snedigar  
60 Parklane Dr.  
Kalispell, MT 59901

Lois M. Yeager  
HC 86- Box 2980  
Merrifield, MN 59468

Thomas Yeager  
7299 Paradise Dr. North  
Nisswa, MN 56468



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Leon Yeager  
Star Route Box 391 A  
Merrifield, MN 56465

Suzanne Georges  
HCR2, Box 155  
Pequot Lakes, MN 56472

Shirley Collings  
402 May St.  
Brainerd, MN 56401

Harold H. Vanderhoof  
23831 Welby Way  
West Hills, CA 91307

**Working Interest Parties**

Costilla Petroleum Corporation  
400 West Illinois, Ste 1000  
Midland, TX 79701

Prima Exploration, Inc.  
250 Fillmore St. Ste 500  
Denver, CO 80206

Gunlikson Petroleum, Inc.  
17 Brookhaven Trail  
Littleton, CO 80123

Niwot Resources, LLC  
7053 South Oneda Circle  
Englewood, CO 80112

Empire North Dakota, LLC  
2200 South Uitca Place STE 150  
Tulsa, OK 74114

Monkota Petroleum Corp.  
PO Box 77  
Sidney, MT 59270

Empire Petroleum Company  
1203 East 33<sup>rd</sup> St, STE 250  
Tulsa, OK 7405

Sun Valley Energy, LLC  
PO Box 470188  
Forth Worth, TX 76147

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**T25N-R59E: Section 8: SW/4**

Alma Christiansen  
P.O. Box 5  
Fairview, MT 59221

Rodger Christiansen  
3496 County Road 140  
Fairview, MT 59221

Richard Christiansen  
P.O. Box 511  
Fairview, MT 59221

Donna Umback  
351 County Road 140  
Fairview, MT 59221

Diane Miller  
P.O. Box 550  
Fairview, MT 59221

Maryann Danielson  
3051 160<sup>th</sup> Ave. NW  
Fairview, MT 59221

Chris Vanderhoof  
20418 Highway 41 North  
Rathdrum, ID 83858

Bridgepoint Mineral Acquisition  
P.O. Box 10457  
Midland, TX 79701

Hat Creek Royalty  
P.O. Box 3240  
Midland, TX 79702

**Working Interest Parties**

Kraken Oil & Gas, LLC  
9805 Katy Freeway, Ste 300  
Houston, TX 77024

**T25N-R58E: Section 13: E2**

Penroc Oil Corporation  
P.O. Box 2769  
Hobbs, NM 88241-5971

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Henry W. Ellis  
2741 Morning Moon  
New Beaunfels, TX 78132

Ora Louise Cox Reynold  
6335 W. Northwest Highway #1012  
Dallas, TX 75225

Michael M. Reynolds 2007 Lifetime Trust  
815 Brzaos Street, Suite 501  
Austin, TX 78701

Katherine B. Reynolds 2007 Lifetime Trust  
1 Harbor Drive #2209  
Sausalito, CA 94965

Joel T. Williams, III Family Lmt Partnership  
4323 Lorraine Ave.  
Dallas, TX 75205

Jan Williams Graham Family Lmt Partnership  
9 Greenway Plaza, Suite 3030  
Houston, TX 77046

Bright & Schiff  
2540 King Arthur Blvd Suite 234  
Lewisville, TX 75056

Venable Ranch, LLC  
5910 North Central Expressway, Suite 1470  
Dallas, TX 75206

Kendall L. Read  
916 Little Lead Ct.  
Longmont, CO 80503

Jason B. Rouse  
2021 Dragoon Court  
Castle Rock, CO 80109

M. Scott Homsher  
4295 South Fox Street  
Englewood, CO 80110

Thomas M. Murphy  
5 Inverness Drive East  
Englewood, CO 80112

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Robert L. Vesco, Jr.  
5 Inverness Drive East  
Englewood, CO 80112

Michelle M. Tillmanns  
5 Inverness Drive East  
Englewood, CO 80112

Melissa A. Caballero  
5 Inverness Drive East  
Englewood, CO 80112

Christian M. Tamondong  
5 Inverness Drive East  
Englewood, CO 80112

Riva Isaacs, LLC  
5 Inverness Drive East  
Englewood, CO 80112

K. Rebecca Rector  
152 Old Colony Ave. #122  
Boston, MA 02127

Michael H. Rector  
1030 Colt Circle  
Castle Rock, CO 80109

Megan H. Rector  
840 South High Street  
Denver, CO 80209

Suzanne Rourke Smith  
10430 Stewart Dr.  
Eagle River, AK 99577

Blackbear Oil & Gas, LLC  
5 Inverness Drive East  
Englewood, CO 80112

Blackland Petroleum  
17190 E Dorado Place  
Centennial, CO 80015

Dakota Ventures I, LLC  
9716 Sunset Hill Circle  
Lonetree, CO 80124

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MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

Dee Bentley, Inc.  
5 Inverness Drive East  
Englewood, CO 80112

Goldline Creek, LLC  
1550 Market Street Suite 450  
Denver, CO 80202

Grandhaven Energy, LLC  
1550 Market Street Suite 450  
Denver, CO 80202

Kenneth J. Kundrik  
5 Inverness Drive East  
Englewood, CO 80112

Zephyr Williston, LLC  
1 Shipwright Street  
Annapolis, MD 21401

Prime Energy Corporation  
9821 Katy Freeway, Suite 1050  
Houston, TX 77024

Marshall Resources, LLC  
5 Inverness Drive East  
Englewood, CO 80112

Wilbanks Acquisitions II, LLC  
1610 Wynkoop St, Suite 200  
Denver, CO 80202

Zephyr Bakken, LLC  
1 Shipwright Street  
Annapolis, MD 21401

Vesco Family LLLP  
5 Inverness Drive East  
Englewood, CO 80112

ROEC, Inc.  
PO Box 490  
Grand Junction, CO 81502

Paragon Oil & Gas, LLC  
9640 Red Oakes Place  
Highland Ranch, CO 80126

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MONTANA BOARD OF OIL &  
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Poplar Energy Company, LLC  
7131 South Poplar Court  
Centennial, CO 80209

Bluebonnet Energy Corp.  
5 Inverness Drive East  
Englewood, CO 80112

S&S Energy, Inc.  
5 Inverness Drive East  
Englewood, CO 80112

**T25N-R58E: Section 12: SE4**

Debra D. Hollister  
1620 Front ST.  
Billings, MT 59101

Dean A. Jacobson Residuary Trust  
1537 Calle de Cinco  
LaJolla, CA 92037

Jana L. Clinton  
127 Sulgrave Court  
Sterling, VA 22170

Michael G. Miller  
4701 N. 68th St., Apt. 124  
Scottsdale, AZ 85251

Jennifer Powers  
1537 Calle de Cinco  
LaJolla, CA 92037

Stefani M. Powers  
1537 Calle de Cinco  
LaJolla, CA 92037

Jeffrey D. Powers  
1537 Calle de Cinco  
LaJolla, CA 92037

HRC Energy, LLC  
1000 Louisiana Street, Suite 1500  
Houston, TX 77002

TCG Limited Partnership  
929 White Plains Road #406  
Trumbull, CT 06611

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MONTANA BOARD OF OIL & GAS CONSERVATION - BILLING

BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

IN THE MATTER OF THE APPLICATION OF HYDRA MT LLC FOR HEARING OF ITS REQUEST FOR A UIC PERMIT FOR THE LEONARDO 18-1H SWD WELL, 300' FNL, 1,555' FEL, SECTION 18, TOWNSHIP 25 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PURPOSE OF WATER INJECTION WITHIN THE FAIRVIEW FIELD

AFFIDAVIT OF NOTIFICATION

\*\*\*\*\*

DATE: September 6<sup>th</sup>, 2022.

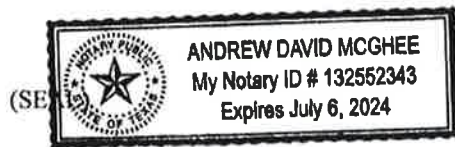
State of Montana )
: ss.
County of Richland )

Justin Payne, being first duly sworn, deposes and says:

That Notice advising of Hydra MT LLC's application for a UIC permit in the captioned matter, in the form attached as Exhibit "A", was mailed to each current operator, surface owner and lease owner within the Area of Review at the addresses shown in the exhibit attached to the Notice, by mailing a true copy thereof this 6<sup>th</sup> day of September, 2022, postage prepaid, First-Class Mail. This affidavit is given as evidence of compliance with A.R.M. 36.22.1410.

Justin Payne (handwritten signature)

Subscribed and sworn to before me this 6 day of September, 2022.



Andrew McGhee (handwritten signature)
Notary Public for the State of Tx
Residing at Harris Co.
My Commission expires 7/6/24

RECEIVED

SEP 07 2022

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

# NOTICE

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September 6<sup>th</sup>, 2022

Four Mile Farms  
34946 County Road 140  
Fairview, MT 59221-9396

From: Hydra MT LLC  
9805 Katy Freeway, Suite 300  
Houston, TX 77024

Re: Proposed Private Saltwater Disposal Well

**Location of proposed Disposal Well and Facility (Leonardo 18-1H SWD)**

NWNE Section 18 Township 25N Range 59E, Richland County, MT

Please be advised that Hydra MT LLC (Hydra) has applied to the Montana Board Oil and Gas Conservation (MBOGC) to drill a saltwater disposal well and construct an associated facility at the above detailed location. Hydra will be seeking a final approval from the MBOGC on October 13<sup>th</sup>, 2022, at a hearing in Billings, MT at the MBOGC Hearing Room at 2535 St. John's Ave, Billings, MT, beginning at 9:00 am.

Pursuant to the requirements of project application and regulations of the MBOGC, you are hereby notified of this project.

Respectfully,

*Justin L. Payne*

Justin L Payne  
Hydra MT LLC  
713-360-7705



RECEIVED

SEP 07 2022

MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS

September 6, 2022

Montana Board of Oil & Gas Conservation  
2535 St. Johns Avenue  
Billings, MT 59102

Attn: Mr. George Hudak  
UIC Program Director

**Re: Application for UIC Permit and Authorization to Drill a Class II Injection Well,  
Leonardo 18-1H SWD in NWNE of Sec. 18-T25N-R59E, Richland County, MT**

Dear Mr. Hudak:

Hydra MT, L.L.C. respectfully requests approval of an Underground Injection Control (UIC) permit for the referenced location and as described in the attached application. Hydra has provided notice to appropriate parties within the ¼ mile area of review of the proposed well location and requests that the application be placed on the docket for the MBOGC hearing scheduled for October 13, 2022.

If you have any questions concerning the enclosed application, please contact myself at (713) 360-7705.

Sincerely,



Pete Larsen  
VP - Midstream  
Hydra MT, LLC

**RECEIVED**

**SEP 07 2022**

**MONTANA BOARD OF OIL &  
GAS CONSERVATION • BILLINGS**

The following legal ad request was submitted to the Helena Independent Record and the Sidney Herald papers on 9/2/22. At this time Hydra MT has not received affidavits from the papers but will send them into the board once received.

BEFORE THE BOARD OF OIL AND GAS CONSERVATION  
OF THE STATE OF MONTANA

In the matter of the application of **HYDRA MT LLC** )  
NOTICE OF INTENTION TO APPLY )  
FOR A CLASS II INJECTION WELL )  
PERMIT )  
)  
)

For a Class II injection well permit

1. Name and address of applicant  
**HYDRA MT LLC**  
**9805 Katy Freeway - Ste: 300**  
**Houston, TX 77024**
2. Well (or project) name, county, location  
**Leonardo 18-1H SWD located 300' FNL and 1555' FEL**  
**NW ¼ NE ¼ of Section 18, T25N, R59E**
3. Source of fluids to be injected  
**Produced Water from nearby Bakken wells**
4. Zone or formation into which injection will occur, including depth  
**DAKOTA from 4796' - 5720'**

Pursuant to Rule 36.22.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation will hold a public hearing upon the application of Hydra MT LLC for a Class II underground injection permit for the well or project set forth above. Said hearing will be held at the Montana Board of Oil and Gas Hearing Room at 2535 St. John's Ave., Billings, Montana, beginning at 9:00 am on Thursday, **(October 13, 2022)**.

DEPARTMENT OF NATURAL RESOURCES  
AND CONSERVATION  
BOARD OF OIL AND GAS CONSERVATION



GREG GIANFORTE, GOVERNOR

OIL AND GAS CONSERVATION DIVISION

STATE OF MONTANA

September 9, 2022

Cody Davis, President  
Ridge Energy, LLC  
4100 Eldorado Pkwy, Suite 100-433  
McKinney, TX 75070

Re: Pending Notice of Intent to Change Operator and Request to Appear

Dear Cody:

The Board of Oil and Gas Conservation (Board) recently received an email with an anticipated change operator request from Northern Oil Production, Inc. to Ridge Energy, LLC (Ridge Energy). The official Notice of Intent to Change Operator request has not yet been received by the Board and must be received prior to the October 13, 2022, public hearing.

The request and the approval of the request will result in 5 or more inactive wells on Ridge Energy's multiple well bond. Due to the Board's transfer of plugging and reclamation policy, the approval of the change of operator request is being referred to the Board. The policy is enclosed. Ridge Energy is requested to appear at the October 13, 2022, public hearing. At that time, the Board will determine if Ridge Energy's current \$50,000 multiple well plugging and reclamation bond is adequate prior to the approval of the change of operator request. Ridge Energy and its attorney should review the enclosed policy for the suggested information to provide to the Board.

**Please take note that corporations, partnerships, limited-liability companies (LLCs), or any other legal entity that is not a natural person cannot appear before the Board except through an attorney licensed to practice law in the State of Montana. Failure of a designated and duly licensed legal representative to appear at the time and place identified in this hearing notice may result in imposition of sanctions for failure to appear before the Board.**

If you have any questions, please contact me at (406) 656-0040 or at [bjones@mt.gov](mailto:bjones@mt.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "B. Jones".

Benjamin Jones  
Administrator / Petroleum Engineer

cc: Northern Oil Production, Inc.

DIVISION OFFICE  
1539 11th AVENUE  
PO BOX 201601  
HELENA, MONTANA 59620-1601  
(406) 444-6731

TECHNICAL AND  
SOUTHERN FIELD OFFICE  
2535 ST. JOHNS AVENUE  
BILLINGS, MONTANA 59102-4693  
(406) 656-0040

NORTHERN FIELD OFFICE  
201 MAIN STREET  
PO BOX 690  
SHELBY, MONTANA 59474-0690  
(406) 434-2422

119-2022

## Breton, Jennifer

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**From:** hunt4energy@gmail.com  
**Sent:** Thursday, September 8, 2022 1:20 PM  
**To:** Breton, Jennifer  
**Cc:** cdavis@ogclearinghouse.com; 'Tyler Post'  
**Subject:** FW: [EXTERNAL] RE: PLEASE see Change of Operator Form signed by both entities  
**Attachments:** RIDGE ENERGY - NEW ACQ - WELL LIST - MONTANA 9-1-2022.pdf

### ***Jennifer Breton***

Program Specialist  
Montana Board of Oil & Gas Conservation  
2535 St. Johns Avenue  
Billings, MT 59102  
(406) 656-0040 - Office  
(406) 652-5305 - Fax

Jennifer,

Please see attached list of wells pertaining to an acquisition between Northern Oil Production, Inc. and Ridge Energy, LLC.

A signed 'ORIGINAL' of change of Operator will be expressed service to you.

Please consider the attached document as evidence of placing Ridge Energy, LLC on Montana Oil & Gas Board's docket for October 13, 2022.

If you have any questions, please contact me.

Many Thanks,

*Christina Hunt*

### **HUNT4ENERGY, LLC**

Consultant for Ridge Energy, LLC

[hunt4energy@gmail.com](mailto:hunt4energy@gmail.com)

303-674-7324 Direct/ work & cell

#	API	Well Name	Legal Descriptio	County	State	WI	NRI	ORRI/RI	Gross Oil	Gross Gas	Reservoir	Operator	Notes
1	2508321809	Burgess 1-8	8-26N-59E	Richland	MT	0.79572992	0.61161240		503	164	RATCLIFFE	Ridge Energy LLC	
2	2508321717	Doyle 1-9	9-26N-59E	Richland	MT	0.26588580	0.22638735		527	94	RED RIVER	Ridge Energy LLC	
3	2508321538	Larson 11-21	21-23N-58E	Richland	MT	1.00000000	0.81500000		97	39	MADISON	Ridge Energy LLC	
4	2508521605	Quest 9415 JV-P 1	31-29N-58E	Roosevelt	MT	0.99394463	0.81028493		-	-	RED RIVER	Ridge Energy LLC	28.1% non-consent interest that is BPO
5	2508521648	Quest 9415 JV-P 2	31-29N-58E	Roosevelt	MT	0.73188468	0.60066790		228	74	RATCLIFFE, MISSION CANYON	Ridge Energy LLC	1.852% non-consent interest that is BPO
6	2508321227	State 4-36	36-23N-57E	Richland	MT	1.00000000	0.87500000		102	38	MADISON	Ridge Energy LLC	
7	2508321203	State 5-36	36-23N-58E	Richland	MT	1.00000000	0.81250000		118	42	MADISON	Ridge Energy LLC	
8	2508321764	State 12-16	16-23N-58E	Richland	MT	0.50000000	0.43750000		255	30	MADISON, BAKKE	Ridge Energy LLC	
9	2508321360	Strand Gunderson 16-33	33-25N-54E	Richland	MT	1.00000000	0.86111114		9	29	BAKKEN	Ridge Energy LLC	

119-2022