



December 20, 2023

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

**RE: White Rock Oil & Gas, LLC
Request for Determination of Decline Rate for
Applicable Tax Incentives**

Mr. Jones:

White Rock Oil & Gas, LLC respectfully requests a determination of the decline rate for the wells listed below. The wells were recompleted (refrac) horizontal Bakken producers and require MBOGC evaluation so the appropriate severance tax reductions can be made available through the Montana Department of Revenue. White Rock will continue to work with MBOGC to develop adjusted production decline rates for the wells. The decline rate information is being submitted with this request.

| API Number | Well Name | Recompletion Date (Refrac) |
|--------------|------------------|----------------------------|
| 25-083-22344 | BR 11-14H 54 | October 2023 |
| 25-083-22022 | HALVORSEN 31X-19 | November 2023 |
| 25-083-21977 | HILL 31X-28 | November 2023 |
| 25-083-22673 | JOE 31X-19 | November 2023 |
| 25-083-22068 | JOHNSON 34X-9 | November 2023 |
| 25-083-21967 | ROBERTS 21X-30 | October 2023 |

White Rock respectfully requests this matter be placed on the February 2024 hearing docket.

If you have any questions regarding the enclosed, please contact me at (214) 666-4826 or via email at elinthicum@whiterockog.com.

Sincerely,

Eric Linthicum

Eric Linthicum
Regulatory Manager

1 - 2 0 2 4

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 AMENDING MBOGC ORDER NOS. 18-2020, 2-2022 AND 3-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 22, 27 AND 34, TOWNSHIP 26 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AUTHORIZED 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, VACATED MBOGC ORDER NOS. 25-2015 AND 181-2015, CLARIFIED MBOGC ORDER NO. 113-2015, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 2-2024

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 22, 27 and 34, Township 26 North, Range 59 East, M.P.M., Richland County, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 18-2020.

2. MBOGC Order No. 18-2020 authorized Applicant to drill a horizontal Bakken/Three Forks formation well within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of All of Sections 22, 27 and 34, Township 26 North, Range 59 East, M.P.M., but required that such operations be commenced within one year of April 30, 2020. MBOGC Order No. 2-2022 amended Order No. 18-2020 to provide that drilling operations must commence not later than February 17, 2023, and MBOGC Order No. 3-2023 amended Order Nos. 18-2020 and 2-2022 to provide that drilling operations must commence not later than February 17, 2024.

3. Drilling operations on the subject OTSU cannot be commenced prior to February 17, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 3-2023 to February 15, 2025.

[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 amending MBOGC Order No. 3-2023 to provide that operations for the drilling of a well in the OTSU comprised of All of Sections 22, 27 and 34, Township 26 North, Range 59 East, M.P.M., must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 4th day of January, 2024.

RECEIVED

JAN 08 2024

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

RECEIVED

JAN 08 2024

**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 AMENDING MBOGC ORDER NO. 4-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 4, 9 AND 16, TOWNSHIP 24 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AUTHORIZED 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, VACATED MBOGC ORDER NO. 209-2008, CLARIFIED MBOGC ORDER NO. 208-2008, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 3-2024

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 4, 9 and 16, Township 24 North, Range 59 East, M.P.M., Richland County, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 4-2023.


2. MBOGC Order No. 4-2023 authorized Applicant to drill a horizontal Bakken/Three Forks formation well within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of All of Sections 4, 9 and 16, Township 24 North, Range 59 East, M.P.M., but required that such operations be commenced within one year of February 2, 2023.

3. Drilling operations on the subject OTSU cannot be commenced prior to February 2, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 4-2023 to February 15, 2025.

[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 amending MBOGC Order No. 4-2023 to provide that operations for the drilling of a well in the OTSU comprised of All of Sections 4, 9 and 16, Township 24 North, Range 59 East, M.P.M., must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 4th day of January, 2024.

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

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JAN 08 2024

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 AMENDING MBOGC ORDER NO. 6-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 5, 8 AND 17, TOWNSHIP 24 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AUTHORIZED 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, VACATED MBOGC ORDER NO. 24-2008, CLARIFIED MBOGC ORDER NO. 66-2010, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 4-2024

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 5, 8 and 17, Township 24 North, Range 59 East, M.P.M., Richland County, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 6-2023.

2. MBOGC Order No. 6-2023 authorized Applicant to drill a horizontal Bakken/Three Forks formation well within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of All of Sections 5, 8 and 17, Township 24 North, Range 59 East, M.P.M., but required that such operations be commenced within one year of February 2, 2023.

3. Drilling operations on the subject OTSU cannot be commenced prior to February 2, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 6-2023 to February 15, 2025.

[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 amending MBOGC Order No. 6-2023 to provide that operations for the drilling of a well in the OTSU comprised of All of Sections 5, 8 and 17, Township 24 North, Range 59 East, M.P.M., must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 4th day of January, 2024.

KRAKEN OIL & GAS LLC

By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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JAN 08 2024

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 AMENDING MBOGC ORDER NO. 8-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 4, 5, 8, 9, 16 AND 17, TOWNSHIP 24 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AUTHORIZED THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT A LOCATION PROXIMATE TO THE COMMON BOUNDARY BETWEEN THE OTSU COMPRISED OF SECTIONS 4, 9 AND 16, TOWNSHIP 24 NORTH, RANGE 59 EAST, M.P.M., AND THE OTSU COMPRISED OF SECTIONS 5, 8 AND 17, TOWNSHIP 24 NORTH, RANGE 59 EAST, M.P.M., WITH A 200' HEEL/TOE SETBACK TO THE EXTERIOR BOUNDARIES THEREOF, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 5-2024

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 4, 5, 8, 9, 16 and 17, Township 24 North, Range 59 East, M.P.M., Richland County, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 8-2023.

2. MBOGC Order No. 8-2023 authorized Applicant to drill a horizontal Bakken/Three Forks formation well at a location proximate to the common boundary between All of Sections 4, 9 and 16, Township 24 North, Range 59 East, M.P.M., and All of Sections 5, 8 and 17, Township 24 North, Range 59 East, M.P.M., with a 200' heel/toe setback to the exterior boundaries thereof, but required that such operations be commenced within one year of February 2, 2023.

3. Drilling operations on the subject OTSU cannot be commenced prior to February 2, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 8-2023 to February 15, 2025.

[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 amending MBOGC Order No. 8-2023 to provide that operations for the drilling of a well in the OTSU comprised of Sections 4, 5, 8, 9, 16 and 17, Township 24 North, Range 59 East, M.P.M., at a location proximate to the common boundary between All of Sections 4, 9 and 16, Township 24 North, Range 59 East, M.P.M., and All of Sections 5, 8 and 17, Township 24 North, Range 59 East, M.P.M., with a 200' heel/toe setback to the exterior boundaries thereof, must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 4th day of January, 2024.

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JAN 08 2024

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

KRAKEN OIL & GAS LLC



By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

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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 AMENDING MBOGC ORDER NO. 9-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTION 35, TOWNSHIP 27 NORTH, RANGE 57 EAST, M.P.M., AND ALL OF SECTIONS 2 AND 11, TOWNSHIP 26 NORTH, RANGE 57 EAST, M.P.M., RICHLAND AND ROOSEVELT COUNTIES, MONTANA, AUTHORIZED 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, VACATED MBOGC ORDER NOS. 260-2011, 406-2011 AND 213-2013, CLARIFIED MBOGC ORDER NO. 36-2017, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 6-2024

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 Section 35, Township 27 North, Range 57 East, M.P.M., and Sections 2 and 11, Township 26 North, Range 57 East, M.P.M., Richland and Roosevelt Counties, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 9-2023.
2. MBOGC Order No. 9-2023 authorized Applicant to drill a horizontal Bakken/Three Forks formation well within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of All of Section 35, Township 27 North, Range 57 East, M.P.M., and Sections 2 and 11, Township 26 North, Range 57 East, M.P.M., but required that such operations be commenced within one year of February 2, 2023.
3. Drilling operations on the subject OTSU cannot be commenced prior to February 2, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 9-2023 to February 15, 2025.

[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 amending MBOGC Order No. 9-2023 to provide that operations for the drilling of a well in the OTSU comprised of All of Section 35, Township 27 North, Range 57 East, M.P.M., and Sections 2 and 11, Township 26 North, Range 57 East, M.P.M., must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 4th day of January, 2024.

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

KRAKEN OIL & GAS LLC



By _____

John R. Lee, Its Attorney

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JAN 08 2024

**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 AMENDING MBOGC ORDER NO. 11-2023, WHICH CREATED AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTION 36, TOWNSHIP 27 NORTH, RANGE 57 EAST, M.P.M., AND ALL OF SECTIONS 1 AND 12, TOWNSHIP 26 NORTH, RANGE 57 EAST, M.P.M., RICHLAND AND ROOSEVELT COUNTIES, MONTANA, AUTHORIZED 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, VACATED MBOGC ORDER NO. 440-2011, CLARIFIED MBOGC ORDER NO. 36-2017, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 7-2024

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 Section 36, Township 27 North, Range 57 East, M.P.M., and Sections 1 and 12, Township 26 North, Range 57 East, M.P.M., Richland and Roosevelt Counties, Montana, which tracts comprise an OTSU pursuant to MBOGC Order No. 11-2023.
2. MBOGC Order No. 11-2023 authorized Applicant to drill a horizontal Bakken/Three Forks formation well within, but not closer than 200' (heel/toe setback)/500' (lateral setback) to the exterior boundaries of, the OTSU comprised of All of Section 36, Township 27 North, Range 57 East, M.P.M., and Sections 1 and 12, Township 26 North, Range 57 East, M.P.M., but required that such operations be commenced within one year of February 2, 2023.
3. Drilling operations on the subject OTSU cannot be commenced prior to February 2, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 11-2023 to February 15, 2025.

[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 amending MBOGC Order No. 11-2023 to provide that operations for the drilling of a well in the OTSU comprised of All of Section 36, Township 27 North, Range 57 East, M.P.M., and Sections 1 and 12, Township 26 North, Range 57 East, M.P.M., must be commenced prior to February 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

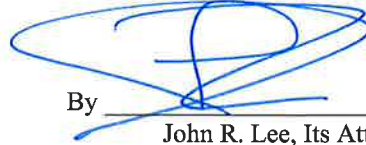
DATED this 4th day of January, 2024.

RECEIVED

JAN 08 2024

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

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

RECEIVED

JAN 08 2024

**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 PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 15, 22 AND 27, TOWNSHIP 27 NORTH, RANGE 57 EAST, M.P.M., RICHLAND AND ROOSEVELT COUNTIES, 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. 9-2024

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 the above-described tract, and its Fred 15-22-27 #2H well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

2. The Fred 15-22-27 #2H 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 15, 22 and 27, Township 27 North, Range 57 East, M.P.M., Richland and Roosevelt Counties, Montana, should be designated a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation. Applicant has also drilled and completed its Fred 15-22-27 #3H and Fred 15-22-27 #4H wells in the Bakken/Three Forks formation within the proposed PSU.

[B] Requests:

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

2. After hearing the matter, the Board enter its order delineating All of Sections 15, 22 and 27, Township 27 North, Range 57 East, M.P.M., Richland and Roosevelt Counties, Montana, as a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from the Fred 15-22-27 #2H, Fred 15-22-27 #3H and Fred 15-22-27 #4H wells.

DATED this 4th day of January, 2024.

~~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

RECEIVED

JAN 08 2024

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

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 POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 15, 22 AND 27, TOWNSHIP 27 NORTH, RANGE 57 EAST, M.P.M., RICHLAND AND ROOSEVELT COUNTIES, 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. 9-2024

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 the above-described tract, and its Fred 15-22-27 #2H, Fred 15-22-27 #3H and Fred 15-22-27 #4H wells have been successfully completed as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.

2. 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. ___-2024.

3. 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 Fred 15-22-27 #2H, Fred 15-22-27 #3H and Fred 15-22-27 #4H wells, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.

4. In the absence of voluntary pooling of all interests within the PSU, 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.

[B] Requests:

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

2. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Sections 15, 22 and 27, Township 27 North, Range 57 East, M.P.M., Richland and Roosevelt Counties, 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 Fred 15-22-27 #2H, Fred 15-22-27 #3H and Fred 15-22-27 #4H wells.

DATED this 4th day of January, 2024.

KRAKEN OIL & GAS LLC

By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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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 POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 16 AND 21, TOWNSHIP 25 NORTH, RANGE 59 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. 10-2024

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 the above-described tract, and its Hardy 16-21 #2H, Hardy 16-21 #3H and Hardy 16-21 #4H wells have been successfully completed as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
2. The captioned lands comprise a permanent spacing unit for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 192-2007.
3. 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 Hardy 16-21 #2H, Hardy 16-21 #3H and Hardy 16-21 #4H wells, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.
4. In the absence of voluntary pooling of all interests within the PSU, 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.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU; and
2. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Sections 16 and 21, Township 25 North, Range 59 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 Hardy 16-21 #2H, Hardy 16-21 #3H and Hardy 16-21 #4H wells.

DATED this 4th day of January, 2024.

KRAKEN OIL & GAS LLC

By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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**MONTANA BOARD OF OIL &
GAS CONSERVATION • Billings, MT**

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 POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 3 AND 10, TOWNSHIP 25 NORTH, RANGE 59 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. 11-2024

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 the above-described tract, and its Judith 10-3 #2H and Judith 10-3 #3H wells have been successfully completed as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
2. The captioned lands comprise a permanent spacing unit for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 153-2013.
3. 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 Judith 10-3 #2H and Judith 10-3 #3H wells, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.
4. In the absence of voluntary pooling of all interests within the PSU, 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.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU; and
2. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Sections 3 and 10, Township 25 North, Range 59 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 Judith 10-3 #2H and Judith 10-3 #3H wells.

DATED this 4th day of January, 2024.

KRAKEN OIL & GAS LLC

By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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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 POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 15 AND 22, TOWNSHIP 25 NORTH, RANGE 59 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. 12-2024

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 the above-described tract, and its Warren 15-22 #2H, Warren 15-22 #3H and Warren 15-22 #4H wells have been successfully completed as commercial producers of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
2. The captioned lands comprise a permanent spacing unit for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 150-2013.
3. 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 Warren 15-22 #2H, Warren 15-22 #3H and Warren 15-22 #4H wells, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.
4. In the absence of voluntary pooling of all interests within the PSU, 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.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU; and
2. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of All of Sections 15 and 22, Township 25 North, Range 59 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 Warren 15-22 #2H, Warren 15-22 #3H and Warren 15-22 #4H wells.

DATED this 4th day of January, 2024.

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

KRAKEN OIL & GAS LLC

By _____

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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

IN THE MATTER OF THE APPLICATION OF RIM OPERATING, INC. FOR AN ORDER CREATING A PERMANENT SPACING UNIT ("PSU") COMPRISED OF THE SW/4 OF SECTION 28, AND THE SE/4 OF SECTION 29, TOWNSHIP 32 NORTH, RANGE 58 EAST, M.P.M., SHERIDAN COUNTY, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE RED RIVER FORKS FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 13-2024

APPLICATION

RIM OPERATING, INC., 5 Inverness Drive East, Englewood, Colorado 80112:

[A] Presents the following application:

1. Applicant is an interest owner and operator within the above-described tract, and its Brethren #43-29 well has been successfully completed as a commercial producer of oil and associated natural gas from the Red River formation thereunder.

2. The Brethren #43-29 well is completed in a reservoir containing common accumulations of oil and associated natural gas in the Red River formation. To efficiently and economically develop the reservoir, and to protect the correlative rights of all owners, the SW/4 of Section 28, and the SE/4 of Section 29, Township 32 North, Range 58 East, M.P.M., Sheridan County, Montana, should be designated a PSU for the production of oil and associated natural gas from the Red River formation.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU; and
2. After hearing the matter, the Board enter its order delineating the SW/4 of Section 28, and the SE/4 of Section 29, Township 32 North, Range 58 East, M.P.M., Sheridan County, Montana, as a PSU for the production of oil and associated natural gas from the Red River formation from the Brethren #43-29 well.

DATED this 5th day of January, 2024.

RIM OPERATING, INC.

By 
John R. Lee, Its Attorney

CROWLEY FLECK PLLP
P.O. Box 2529
Billings, MT 59103-2529
Email: jlee@crowleyfleck.com

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JAN 08 2024

**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 RIM OPERATING, INC. FOR AN ORDER POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF THE SW/4 OF SECTION 28, AND THE SE/4 OF SECTION 29, TOWNSHIP 32 NORTH, RANGE 58 EAST, M.P.M., SHERIDAN COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE RED RIVER FORMATION THEREUNDER, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

MBOGC DOCKET NO. 14-2024

APPLICATION

RIM OPERATING, INC., 5 Inverness Drive East, Englewood, Colorado 80112:

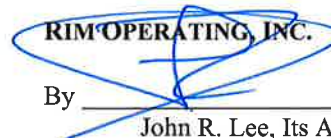
[A] Presents the following application:

1. Applicant is an interest owner and operator within the above-described tract, and its Brethren #43-29 well has been successfully completed as a commercial producer of oil and associated natural gas from the Red River formation thereunder.
2. It is anticipated that the captioned lands will be designated a permanent spacing unit for purposes of Red River formation production pursuant to Montana Board of Oil and Gas Conservation Order No. ___-2024.
3. 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 Brethren #43-29 well, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.
4. In the absence of voluntary pooling of all interests within the PSU, 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.

[B] Requests:

1. This matter be set for hearing, with notice given as required by law and the MOU; and
2. After hearing the matter, the Board enter its order pooling all interests in the spacing unit comprised of the SW/4 of Section 28, and the SE/4 of Section 29, Township 32 North, Range 58 East, M.P.M., Sheridan County, Montana, for production of oil and associated natural gas from the Red River formation, and authorizing recovery of non-consent penalties in accordance with Section 82-11-202(2), M.C.A., with respect to the Brethren #43-29 well.

DATED this 5th day of January, 2024.


By _____
John R. Lee, Its Attorney

CROWLEY FLECK PLLP
P.O. Box 2529
Billings, MT 59103-2529
Email: jlee@crowleyfleck.com

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JAN 08 2024

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

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 13 AND 24, TOWNSHIP 23 NORTH, RANGE 56 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 THE OTSU, CLARIFYING MBOGC ORDER NOS. 31-91, 168-2004, & THE STATEWIDE SPACING UNIT COMPRISED OF THE SE¼ OF SECTION 24, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 15-2024

APPLICATION

WHITE ROCK OIL & GAS, LLC, 5810 TENNYSON PKWY, SUITE 500, PLANO, TX 75024:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of Sections 13 and 24, Township 23 North, Range 56 East, M.P.M., Richland County, Montana. The W½ of Section 13 is presently subject to MBOGC Order No. 31-91, and White Rock Oil & Gas, LLC operates the Nevins 1-24HR well located in the pooled spacing unit comprised of the W½ of Section 13, Township 23 North, Range 56 East. The E½ of Section 13 and the N½ and SW¼ of Section 24 are presently subject to MBOGC Order No. 168-2004, and White Rock Oil & Gas, LLC operates the Nevins Trust #41X-24 well located in the PSU comprised of the E½ of Section 13 and the N½ and SW¼ of Section 24, Township 23 North, Range 56 East. The SE¼ of Section 24 is a statewide spacing unit for a vertical Bakken Well. The Prevost 1-24 vertical well is located on the SE¼ of Section 24, is operated by EMEP Operating, LLC, and last reported production in November 2015.

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 13 and 24, Township 23 North, Range 56 East, M.P.M. To preserve correlative rights of all interest owners in the W½ of Section 13, MBOGC Order No. 31-91 should be amended to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Nevins 1-24HR well. To preserve correlative rights of all interest owners in the E½ of Section 13 and the N½ and SW¼ of Section 24, MBOGC Order No. 168-2004 should be amended to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Nevins Trust #41X-24 well. To preserve correlative rights of all interest owners in the SE¼ of Section 24, we ask the Board to clarify that any oil and associated natural gas produced from the Bakken/Three Forks formation from the Prevost 1-24 vertical well be limited to the owners in the SE¼ of Section 24, Township 23 North, Range 56 East, M.P.M.

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

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

[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 13 and 24, Township 23 North, Range 56 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; (ii) amending MBOGC Order 31-91 to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Nevins 1-24HR well; (iii) amending MBOGC Order 168-2004 to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Nevins Trust #41X-24 well; (iv) clarifying that any oil and associated natural gas produced from the Bakken/Three Forks formation from the Prevost 1-24 vertical well be limited to the owners in the SE¼ of Section 24, Township 23 North, Range 56 East; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 8th day of January, 2024.

WHITE ROCK OIL & GAS, LLC

By  _____
Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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JAN 10 2024

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

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT (“OTSU”) COMPRISED OF ALL OF SECTIONS 5, 8 AND 17, TOWNSHIP 22 NORTH, RANGE 59 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 THE OTSU, CLARIFYING MBOGC ORDER NOS. 331-2006 & 238-2007, VACATING MBOGC ORDER NOS. 60-2008 & 60-2023, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 16-2024
APPLICATION

WHITE ROCK OIL & GAS, LLC, 5810 TENNYSON PKWY, SUITE 500, PLANO, TX 75024:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of Sections 5, 8 and 17, Township 22 North, Range 59 East, M.P.M., Richland County, Montana. Sections 5 & 8 are presently subject to MBOGC Order Nos. 93-2006 (PSU), 331-2006 (pooling) and 60-2008 / 60-2023 (inc. density), and White Rock Oil & Gas, LLC operates the Simonsen 44X-5 well located in the pooled spacing unit comprised of Sections 5 & 8, Township 22 North, Range 59 East. Sections 17 & 20 are presently subject to MBOGC Order Nos. 113-2007 (PSU) and 238-2007 (pooling), and White Rock Oil & Gas, LLC operates the Darlene 41X-20 and Marker 34X-20 wells located in the PSU comprised of Sections 17 and 20, Township 22 North, Range 59 East.

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 5, 8 and 17, Township 22 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 5 & 8, MBOGC Order No. 331-2006 should be amended to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Simonsen 44X-5 well. To preserve correlative rights of all interest owners in Sections 17 & 20, MBOGC Order No. 238-2007 should be amended to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Darlene 41X-20 and Marker 34X-20 wells. It will also be necessary to vacate MBOGC Order Nos. 60-2008 and 60-2023.

3. Applicant will, within 90 days of successful completion of the proposed horizontal operation, file an application for the Board’s consideration of permanent spacing and other matters relating to production from the 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 5, 8 and 17, Township 22 North, Range 59 East, M.P.M., Richland County, Montana, and authorizing the

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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; (ii) amending MBOGC Order 331-2006 to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Simonsen 44X-5 well; (iii) amending MBOGC Order 238-2007 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Darlene 41X-20 and Marker 34X-20 wells; (iv) vacating MBOGC Order Nos. 60-2008 and 60-2023; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 8th day of January, 2024.

WHITE ROCK OIL & GAS, LLC

By



Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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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 WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 9, 10, 15, 16, 21 AND 22, TOWNSHIP 22 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 9 AND 16, TOWNSHIP 22 NORTH, RANGE 59 EAST, M.P.M., A PORTION OF THE PSU COMPRISED OF SECTIONS 21 AND 28, TOWNSHIP 22 NORTH, RANGE 59 EAST, M.P.M., A PORTION OF THE PSU COMPRISED OF SECTIONS 10 & 11, TOWNSHIP 22 NORTH, RANGE 59 EAST, M.P.M., AND THE PSU COMPRISED OF SECTIONS 15 & 22, TOWNSHIP 22 NORTH, RANGE 59 EAST, M.P.M., AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 17-2024
APPLICATION

WHITE ROCK OIL & GAS, LLC, 5810 TENNYSON PKWY, SUITE 500, PLANO, TX 75024:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of Sections 9, 10, 15, 16, 21 & 22, Township 22 North, Range 59 East, M.P.M., Richland County, Montana. Sections 9 & 16, Township 22 North, Range 59 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 262-2006. Sections 21 & 28, Township 22 North, Range 59 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 4-2006. Sections 10 & 11, Township 22 North, Range 59 East comprise a laydown PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 295-2008. And Sections 15 & 22, Township 22 North, Range 59 East comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 92-2006. White Rock Oil & Gas, LLC operates all the aforementioned PSUs.

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 in an OTSU comprised of all of Sections 9, 10, 15, 16, 21 & 22, Township 22 North, Range 59 East, M.P.M. The well will be drilled at a location proximate to the common boundary between all of Sections 9, 16 and 21 & Sections 10, 15 and 22, Township 22 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 the Board's consideration of permanent spacing and other matters relating to production from the 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 &
GAS CONSERVATION • BILLINGS**

2. After hearing the matter, the Board enter its order creating an OTSU comprised of all of Sections 9, 10, 15, 16, 21 & 22, Township 22 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 9, 16 and 21 & Sections 10, 15 and 22, Township 22 North, Range 59 East, M.P.M., with a heel/toe setback of 200', and providing that the OTSU shall be limited to production from the proposed horizontal well.

Dated this 8th day of January, 2024.

WHITE ROCK OIL & GAS, LLC

By _____


Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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JAN 10 2024

**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 EMEP OPERATING, LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 16, 17, 20 AND 21, TOWNSHIP 25 NORTH, RANGE 53 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 17 AND 20, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., THE PSU COMPRISED OF SECTION 16, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., AND THE PSU COMPRISED OF SECTION 21, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 18-2024
APPLICATION

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JAN 16 2024

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLING

EMEP OPERATING, LLC, TWO ALLEN CENTER, 1200 SMITH ST., SUITE 680, HOUSTON, TX 77002:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of the captioned lands. All of Sections 17 & 20, Township 25 North, Range 53 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 249-2004. All of Section 16, Township 25 North, Range 53 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 329-2004. All of Section 21, Township 25 North, Range 53 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 128-2005.

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 in an OTSU comprised of all of Sections 16, 17, 20 and 21, Township 25 North, Range 53 East, M.P.M. The well will be drilled at a location proximate to the common boundary between all of Sections 17 and 20 & Sections 16 and 21, Township 25 North, Range 53 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 the Board's consideration of permanent spacing and other matters relating to production from the 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 16, 17, 20 and 21, Township 25 North, Range 53 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 17 and 20 & Sections 16 and 21, Township 25 North, Range 53 East, M.P.M., with a heel/toe setback of 200', and providing that the OTSU shall be limited to production from the proposed horizontal well; and (ii) any other relief that the Board deems appropriate.

Dated this 11th day of January, 2024.

EMEP OPERATING, LLC

By  _____
Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

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

IN THE MATTER OF THE APPLICATION OF EMEP OPERATING, LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 12 AND 13, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., & ALL OF SECTIONS 7 AND 18, TOWNSHIP 25 NORTH, RANGE 54 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 ALL OF SECTION 12 AND THE NE¼ AND S½ OF SECTION 13, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., THE SPACING UNIT COMPRISED OF THE NW¼ OF SECTION 13, TOWNSHIP 25 NORTH, RANGE 53 EAST, M.P.M., THE PSU COMPRISED OF SECTION 18, TOWNSHIP 25 NORTH, RANGE 54 EAST, M.P.M., AND A PORTION OF THE PSU COMPRISED OF SECTIONS 7 AND 8, TOWNSHIP 25 NORTH, RANGE 54 EAST, M.P.M., AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 19-2024

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MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

EMEP OPERATING, LLC, TWO ALLEN CENTER, 1200 SMITH ST., SUITE 680, HOUSTON, TX 77002:

[A] Presents the following application:

1. Applicant is an interest owner within all or portions of the captioned lands. All of Section 12 and the NE¼ and S½ of Section 13, Township 25 North, Range 53 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 145-2004. The NW¼ of Section 13, Township 25 North, Range 53 East, comprise a spacing unit for purposes of Bakken/Three Forks formation production pursuant to Montana's statewide spacing rules. All of Section 18, Township 25 North, Range 54 East, comprise a PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 89-2003. And all of Sections 7 and 8, Township 25 North, Range 54 East, comprise a laydown PSU for purposes of Bakken/Three Forks formation production pursuant to MBOGC Order No. 516-2005.

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 in an OTSU comprised of all of Sections 12 and 13, Township 25 North, Range 53 East, M.P.M., and Sections 7 and 18, Township 25 North, Range 54 East, M.P.M. The well will be drilled at a location proximate to the common boundary between all of Sections 12 and 13, Township 25 North, Range 53 East, and Sections 7 and 18, Township 25 North, Range 54 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 the Board's consideration of permanent spacing and other matters relating to production from the 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 and 13, Township 25 North, Range 53 East, M.P.M., and Sections 7 and 18, Township 25 North, Range 54 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 12 and 13, Township 25 North, Range 53 East, and Sections 7 and 18, Township 25 North, Range 54 East, M.P.M., with a heel/toe setback of 200', and providing that the OTSU shall be limited to production from the proposed horizontal well; and (ii) any other relief that the Board deems appropriate.

Dated this 11th day of January, 2024.

EMEP OPERATING, LLC

By 
Uriah J. Price, Its Attorney
Crowley Fleck, PLLP
P. O. Box 10969
Bozeman, MT 59719
uprice@crowleyfleck.com

BEFORE THE BUREAU OF LAND MANAGEMENT, MONTANA STATE OFFICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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 AN OVERLAPPING TEMPORARY SPACING UNIT COMPRISING ALL OF SECTIONS 14, 23, AND 26, TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., ROOSEVELT COUNTY, MT, AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREIN AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE) AND 500' (LATERAL) TO THE OTSU BOUNDARIES, VACATING MBOGC ORDER NOS. 2011-032 AND 2011-15 FED AS TO SECTIONS 13 AND 14, TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., VACATING MBOGC ORDER NOS. 2011-035, 2011-423, AND 2011-466, AND BLM ORDER NOS. 2011-14 FED, 2011-14 FED AMENDMENT #1, AND 2012-13 FED AS TO SECTIONS 14, 23, AND 26, TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

APPLICATION

BLM DOCKET NO. 10-2024 FED

MBOGCC DOCKET NO. 20-2024

COMES NOW, Continental Resources, Inc., 20 N. Broadway, Oklahoma City, OK 73102 ("CLR" or "Applicant"), a corporation authorized to do business in the State of Montana, and makes application to the Montana Board of Oil and Gas Conservation ("MBOGC") for an order establishing an overlapping temporary spacing unit covering the Bakken/Three Forks Formation underlying the Application Lands (described below) ("OTSU").

1. Applicant owns interests within Sections 14, 23, and 26, Township 28 North, Range 57 East, M.P.M., Roosevelt County, MT ("Application Lands").
2. The Application Lands are subject to the following orders of the MBOGC and, if applicable, the corresponding orders of the Bureau of Land Management ("BLM").

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|------------------------|--------------------------|------------|-------------------|--------------------|
| 2011-032 | 2011-15 FED | 28N-57E | 13, 14 | Temp. Spacing |
| 1978-019 | | 28N-57E | 26 | Delineation |
| 1979-042 | | 28N-57E | 26 | Field Amendment |
| 2011-035 | 2011-14 FED | 28N-57E | 23, 26 | Temp. Spacing |
| 2011-423 | 2012-13 FED | 28N-57E | 23, 26 | Well Density |
| 2011-466 | 14-2011 FED Amendment #1 | 28N-57E | 23, 26 | Setbacks |
| 2012-391 | | 28N-57E | 26 | Class II Permit |

3. According to the MBOGC's online well database, there are no wells producing from the Bakken/Three Forks Formation underlying the Application Lands.

4. 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 the OTSU. To preserve the correlative rights of all interest owners in the Application Lands, the MBOGC and BLM Orders described above should amended and/or vacated as follows.

a. MBOGC Order No. 2011-032 and BLM Order No. 2011-15 FED should be vacated as to Sections 13 and 14, Township 28 North, Range 57 East, M.P.M.

b. MBOGC Order Nos. 2011-035, 2011-423, and 2011-466 should be vacated as to the Application Lands.

c. BLM Order Nos. 2011-14 FED, 2011-14 FED Amendment #1, and 2012-13 FED should be vacated as to the Application Lands.

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

6. The OTSU contains the following federal and Indian Lands tracts:

| Tract | Status | Type |
|--|---------------|-------------|
| Sec 14, T.28N., R.57E.: W $\frac{1}{2}$ E $\frac{1}{2}$ | Leased | BIA |
| Sec 14, T.28N., R.57E.: Lots 7, 8 | Leased | BIA |
| Sec 14, T.28N., R.57E.: Lots 3, 4 | Leased | BIA |
| Sec 23, T.28N., R.57E.: Lots 2, 3 | Unleased | BLM |
| Sec 23, T.28N., R.57E.: Lots 5, 6 | Leased | BIA |
| Sec 23, T.28N., R.57E.: Lot 1, NW $\frac{1}{4}$ NE $\frac{1}{4}$ | Leased | BIA |

7. NOW THEREFORE, Applicant respectfully requests as follows.

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

b. After hearing the matter, the BLM and the Board enter orders: (i) creating an OTSU covering the Bakken/Three Forks Formation underlying the Application Lands, 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) vacating MBOGC Order Nos. 2011-032, 2011-035, 2011-423, and 2011-466 as to the Application Lands; (iii) vacating BLM Order Nos. 2011-15 FED, 2011-14 FED, 2012-13 FED, and 14-2011 FED Amendment #1 as to the Application Lands; (iv) vacating MBOGC Order No. 2011-032 and BLM Order No. 2011-15 FED as to Sections 13 and 14, Township 28 North, Range 57 East, M.P.M.; and (v) and such other and further relief as the MBOGC may deem appropriate.

DATED this 11th day of January, 2024.

CONTINENTAL RESOURCES, INC.

By: 

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

BEFORE THE BUREAU OF LAND MANAGEMENT, MONTANA STATE OFFICE
UNITED STATES DEPARTMENT OF THE INTERIOR

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 AN OVERLAPPING TEMPORARY SPACING UNIT COMPRISING ALL OF SECTIONS 13, 24, AND 25 TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., ROOSEVELT COUNTY, MT, AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREIN AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE) AND 500' (LATERAL) TO THE OTSU BOUNDARIES, VACATING MBOGC ORDER NOS. 2011-032 AND 2011-15 FED AS TO SECTIONS 13 AND 14, TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., CLARIFYING MBOGC ORDER NOS. 125-2013 AND 126-2013 AND VACATING MBOGC ORDER NO. 127-2013 AS TO SECTIONS 13, 24, AND 25 TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

APPLICATION

BLM DOCKET NO. 7-2024 FED

MBOGCC DOCKET NO. 21-2024

COMES NOW, Continental Resources, Inc., 20 N. Broadway, Oklahoma City, OK 73102 ("CLR" or "Applicant"), a corporation authorized to do business in the State of Montana, and makes an application to the Montana Board of Oil and Gas Conservation ("MBOGC") for an order establishing an overlapping temporary spacing unit covering the Bakken/Three Forks Formation underlying the Application Lands (described below) ("OTSU").

1. Applicant owns interests within Sections 13, 24, and 25 Township 28 North, Range 57 East, M.P.M., Roosevelt County, Montana ("Application Lands").
2. The Application Lands are subject to the following orders of the MBOGC and, if applicable, the corresponding orders of the Bureau of Land Management ("BLM").

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|-----------------|---------------|---------|------------|-----------------|
| 032-2011 | 2011-15 FED | 28N-57E | 13, 14 | Temp. Spacing |
| 143-2010 | | 28N-57E | 24, 25 | Temp. Spacing |
| 318-2011 | | 28N-57E | 24, 25 | Setbacks |
| 125-2013 | | 28N-57E | 24, 25 | Perm. Spacing |
| 126-2013 | | 28N-57E | 24, 25 | Pooling |
| 127-2013 | | 28N-57E | 24, 25 | Well Density |
| 019-1978 | | 28N-57E | 25 | Delineation |
| 042-1979 | | 28N-57E | 25 | Field Amendment |

3. The following wells are located in the Application Lands

| API | Operator | Name | Status | Field | SHL Sec | BHL Sec | Fm'n |
|--------------|----------|----------------------|-----------|--------------------------|---------|---------|--------|
| 25-085-21819 | CLR | Grindland 34X-25C | Producing | Elm Coulee, Northeast | 25 | 24 | Bakken |

4. 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 the OTSU. To preserve the correlative rights of all interest owners in the Application Lands, the MBOGC Orders described above should amended and/or vacated as follows.

a. MBOGC Order No. 2011-032 and BLM Order No. 2011-15 FED should be vacated as to Sections 13 and 14, Township 28 North, Range 57 East, M.P.M.

b. MBOGC Order Nos. 125-2013 and 126-2013 should be amended as to the Application Lands to clarify that said orders are limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Grindland 34X-25C well.

c. MBOGC Order No. 127-2013 should be vacated as to the Application Lands.

5. 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.

6. The OTSU contains the following federal and Indian Lands tracts:

| Tract | Status | Type |
|--------------------------------|----------|------|
| Sec 13, T.28N., R.57E.: NW¼ | Leased | BIA |
| Sec 13, T.28N., R.57E.: SW¼SE¼ | Unleased | BLM |

7. NOW THEREFORE, Applicant respectfully requests as follows.

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

b. After hearing the matter, the BLM and the Board enter orders: (i) creating an OTSU covering the Bakken/Three Forks Formation underlying the Application Lands, 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 Nos. 125-2013 and 126-2013 as to the Application Lands to clarify that said orders are limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Grindland 34X-25C well; (iii) vacating MBOGC Order No. 127-2013 as to the Application Lands; (iv) vacating MBOGC Order No. 2011-032 and BLM Order No. 2011-15 FED as to Sections 13 and 14, Township 28 North, Range 57 East, M.P.M.; and (v) and such other and further relief as the MBOGC may deem appropriate.

DATED this 11th day of January, 2024.

CONTINENTAL RESOURCES, INC.

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

**BEFORE THE BUREAU OF LAND MANAGEMENT, MONTANA STATE OFFICE
UNITED STATES DEPARTMENT OF THE INTERIOR**

**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 AN OVERLAPPING TEMPORARY SPACING UNIT COMPRISING ALL OF SECTIONS 13, 14, 23, 24, 25, AND 26 TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., ROOSEVELT COUNTY, MT, AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREIN AT ANY LOCATION NOT FURTHER THAN 500' FROM THE OTSU N-S CENTER SECTION LINE AND NOT CLOSER THAN 200' TO THE OTSU N-S BOUNDARIES, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

APPLICATION

BLM DOCKET NO. 9-2024 FED

MBOGCC DOCKET NO. 22-2024

COMES NOW, Continental Resources, Inc., 20 N. Broadway, Oklahoma City, OK 73102 ("CLR" or "Applicant"), a corporation authorized to do business in the State of Montana, and makes an application to the Montana Board of Oil and Gas Conservation ("MBOGC") for an order establishing an overlapping temporary spacing unit covering the Bakken/Three Forks Formation underlying the Application Lands (described below) ("OTSU").

1. Applicant owns interests within Sections 13, 14, 23, 24, 25, and 26, Township 28 North, Range 57 East, M.P.M., Roosevelt County, MT ("Application Lands").
2. The Application Lands are subject to the following orders of the MBOGC and, if applicable, the corresponding orders of the Bureau of Land Management ("BLM").

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|------------------------|----------------------|------------|-------------------|--------------------|
| 032-2011 | 15-2011 FED | 28N-57E | 13, 14 | Temp. Spacing |
| 143-2010 | | 28N-57E | 24, 25 | Temp. Spacing |
| 318-2011 | | 28N-57E | 24, 25 | Setbacks |
| 125-2013 | | 28N-57E | 24, 25 | Perm. Spacing |
| 126-2013 | | 28N-57E | 24, 25 | Pooling |
| 127-2013 | | 28N-57E | 24, 25 | Well Density |
| 019-1978 | | 28N-57E | 25, 26 | Delineation |
| 042-1979 | | 28N-57E | 25, 26 | Field Amendment |
| 035-2011 | 12-2011 FED | 28N-57E | 23, 26 | Temp. Spacing |

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|-----------------|--------------------------|---------|------------|-----------------|
| 423-2011 | 13-2015 FED | 28N-57E | 23, 26 | Well Density |
| 466-2011 | 14-2011 FED Amendment #1 | 28N-57E | 23, 26 | Setbacks |
| 391-2012 | | 28N-57E | 26 | Class II Permit |

3. According to the MBOGC's online well database, the following well is producing from the Bakken/Three Forks Formation underlying the Application Lands.

| API | Operator | Name | Status | Field | SHL Sec | BHL Sec | Fm'n |
|--------------|----------|-------------------|-----------|-----------------------|---------|---------|--------|
| 25-085-21819 | CLR | Grindland 34X-25C | Producing | Elm Coulee, Northeast | 25 | 24 | Bakken |

4. 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 with a lateral not further than 500' from the north-south center section line of the OTSU (the section line dividing (i) Sections 13, 24, and 25 from (ii) Sections 14, 23, and 26), with the heel/toe to be completed no closer than 200' to the northern and southern exterior boundaries of the OTSU.

5. Applicant has submitted an application concurrently herewith requesting an order: (i) establishing an OTSU covering Sections 13, 24, and 25 of the Application Lands; (ii) amending Order Nos. 125-2013 and 126-2013 as to the Application Lands to clarify that said orders are limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Grindland 34X-25C well; and (iii) vacating Order No. 127-2013.

6. Applicant has submitted an application concurrently herewith requesting an order: (i) establishing an OTSU covering Sections 14, 23, and 26 of the Application Lands; (ii) vacating MBOGC Order Nos. 2011-032, 2011-035, 2011-423, and 2011-466; and (iii) vacating BLM Order Nos. 2011-15 FED, 2011-12 FED, 2015-13 FED, and 14-2011 FED Amendment #1.

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

8. The OTSU contains the following federal and Indian Lands tracts:

| Tract | Status | Type |
|-----------------------------------|----------|------|
| Sec 13, T.28N., R.57E.: NW¼ | Leased | BIA |
| Sec 13, T.28N., R.57E.: SW¼SE¼ | Unleased | BLM |
| Sec 14, T.28N., R.57E.: W½E½ | Leased | BIA |
| Sec 14, T.28N., R.57E.: Lots 7, 8 | Leased | BIA |
| Sec 14, T.28N., R.57E.: Lots 3, 4 | Leased | BIA |
| Sec 23, T.28N., R.57E.: Lots 2, 3 | Unleased | BLM |

Sec 23, T.28N., R.57E.: Lots 5, 6 Leased BIA
Sec 23, T.28N., R.57E.: Lot 1, NW¼NE¼ Leased BIA

9. NOW THEREFORE, Applicant respectfully requests as follows.

a. This matter be set for hearing, with notice given as required by law;

b. After hearing the matter, the BLM and the Board enter orders: (i) creating an OTSU covering the Bakken/Three Forks Formation underlying the Application Lands, and authorizing the drilling of a horizontal Bakken/Three Forks formation well within such OTSU at any location but not further than 500' from the north-south center section line of the OTSU (the line dividing (a) Sections 13, 24, and 25 from (b) Sections 14, 23, and 26) and not closer than 200' to the northern and southern exterior boundaries of the OTSU; (ii) 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; and (iii) and such other and further relief as the MBOGC may deem appropriate.

DATED this 11th day of January, 2024.

CONTINENTAL RESOURCES, INC.

By: _____


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

**BEFORE THE BUREAU OF LAND MANAGEMENT, MONTANA STATE OFFICE
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**BEFORE THE BOARD OF OIL AND GAS CONSERVATION
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IN THE MATTER OF THE APPLICATION OF CONTINENTAL RESOURCES, INC. FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT COMPRISING ALL OF SECTIONS 13, 24, AND 25 TOWNSHIP 28 NORTH, RANGE 57 EAST, M.P.M., AND SECTIONS 18, 19, AND 30 TOWNSHIP 28 NORTH, RANGE 58 EAST, M.P.M., ROOSEVELT COUNTY, MT, AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREIN AT ANY LOCATION NOT FURTHER THAN 500' FROM THE OTSU N-S CENTER SECTION LINE AND NOT CLOSER THAN 200' TO THE OTSU N-S BOUNDARIES, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

APPLICATION

BLM DOCKET NO. 9-2024 FED

MBOGCC DOCKET NO. 13-2024

COMES NOW, Continental Resources, Inc., 20 N. Broadway, Oklahoma City, OK 73102 ("CLR" or "Applicant"), a corporation authorized to do business in the State of Montana, and makes application to the Montana Board of Oil and Gas Conservation ("MBOGC") for an order establishing an overlapping temporary spacing unit covering the Bakken/Three Forks Formation underlying the Application Lands (described below) ("OTSU").

1. Applicant owns interests within Sections 13, 24, and 25, Township 28 North, Range 57 East, M.P.M., and Sections 18, 19, and 30, Township 28 North, Range 58 East, M.P.M., Roosevelt County, MT ("Application Lands").
2. The Application Lands are subject to the following orders of the MBOGC and, if applicable, the corresponding orders of the Bureau of Land Management ("BLM").

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|-----------------|---------------|---------|------------|---------------|
| 032-2011 | 15-2011 FED | 28N-57E | 13, 14 | Temp. Spacing |
| 143-2010 | | 28N-57E | 24, 25 | Temp. Spacing |
| 318-2011 | | 28N-57E | 24, 25 | Setbacks |
| 125-2013 | | 28N-57E | 24, 25 | Perm. Spacing |
| 126-2013 | | 28N-57E | 24, 25 | Pooling |
| 127-2013 | | 28N-57E | 24, 25 | Well Density |
| 019-1978 | | 28N-57E | 25, 26 | Delineation |

| MBOGC Order No. | BLM Order No. | Twp | Section(s) | Description |
|-----------------|---------------|---------|------------|-----------------|
| 042-1979 | | 28N-57E | 25, 26 | Field Amendment |
| 099-2010 | | 28N-58E | 18, 19 | Temp. Spacing |
| 253-2011 | 30-2011 FED | 28N-58E | 18, 19 | Perm. Spacing |
| 284-2012 | 31-2012 FED | 28N-58E | 18, 19 | Well Density |
| 088-2015 | | 28N-58E | 18, 19 | Pooling |
| 159-2010 | | 28N-58E | 30 | Temp. Spacing |
| 104-2011 | | 28N-58E | 30 | Setbacks |
| 004-2013 | | 28N-58E | 30 | Perm. Spacing |
| 005-2013 | | 28N-58E | 30 | Well Density |
| 087-2015 | | 28N-58E | 30 | Pooling |

3. According to the MBOGC's online well database, the following wells are producing from the Bakken/Three Forks Formation underlying the Application Lands.

| API | Operator | Name | Status | Field | SHL Sec | BHL Sec | Fm'n |
|--------------|--------------------|-----------------------------|-----------|-----------------------|---------|---------|--------|
| 25-085-21819 | CLR | Grindland 34X-25C | Producing | Elm Coulee, Northeast | 25 | 24 | Bakken |
| 25-085-21757 | Oasis ¹ | Beulah Irene Federal 19-18H | Producing | Elm Coulee, Northeast | 19 | 18 | Bakken |
| 25-085-21785 | Oasis ¹ | Dixie Federal 2758 14-6H | Producing | Elm Coulee, Northeast | 6 | 30 | Bakken |

4. 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 with a lateral not further than 500' from the north-south center section line of the OTSU (the section line dividing (i) Sections 13, 24, and 25 from (ii) Sections 18, 19, and 30), with the heel/toe to be completed no closer than 200' to the northern and southern exterior boundaries of the OTSU.

5. Applicant has submitted an application concurrently herewith requesting an order: (i) establishing an OTSU covering Sections 13, 24, and 25 of the Application Lands; (ii) amending Order Nos. 125-2013 and 126-2013 as to the Application Lands to clarify that said orders are limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Grindland 34X-25C well; and (iii) vacating Order No. 127-2013.

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

7. The OTSU contains the following federal and Indian Lands tracts:

¹ Oasis Petroleum North America LLC

| Tract | Status | Type |
|--|----------|------|
| Sec 13, T.28N., R.57E.: NW $\frac{1}{4}$ | Leased | BIA |
| Sec 13, T.28N., R.57E.: SW $\frac{1}{4}$ SE $\frac{1}{4}$ | Unleased | BLM |
| Sec 18, T.28N., R.58E.: SE $\frac{1}{4}$ SW $\frac{1}{4}$ | Leased | BIA |
| Sec 19, T.28N., R.58E.: NE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$ | Leased | BIA |

8. NOW THEREFORE, Applicant respectfully requests as follows.

a. This matter be set for hearing, with notice given as required by law;

b. After hearing the matter, the BLM and the Board enter orders: (i) creating an OTSU covering the Bakken/Three Forks Formation underlying the Application Lands, and authorizing the drilling of a horizontal Bakken/Three Forks formation well within such OTSU at any location but not further than 500' from the north-south center section line of the OTSU (the line dividing (a) Sections 13, 24, and 25 from (b) Sections 18, 19, and 30) and not closer than 200' to the northern and southern exterior boundaries of the OTSU, (ii) 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; and (iii) and such other and further relief as the MBOGC may deem appropriate.

DATED this 11th day of January, 2024.

CONTINENTAL RESOURCES, INC.

By: 

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

**CLASS II INJECTION PERMIT
APPLICATION**

Kincheloe 7-19
SWNE-19-11N-32E
Rosebud County, MT

Cline Production Company
PO Box 20736
Billings, MT 59104

Hearing Date: February 15, 2024

2 4 - 2 0 2 4

CLASS II INJECTION PERMIT APPLICATION

Cline Production Company

PO Box 20736

Billings, MT 59104

Cline Production Company requests to convert the Kincheloe 7-19 well to injection. The Kincheloe 7-19 is further north in the unit, which will give us a more productive water flood response.

36.22.1403

- a) The Kincheloe 7-19 is located at T11N, R32E, Sec 19: SWNE in Rosebud County, MT.
- b) There are three other wells in the Area of Review (AOR), all of which have been plugged.
 - a. Kincheloe 10-19. This well was Plugged and Abandoned on October 22, 2022. We set a CICR @ 3,200' and then pumped 60 sx below and 5 sx on top of the retainer to plug off the now injection zone. Also, the original cement top for this well is 3,995' (O.W.P. log 12-5-1974)
 - b. Kincheloe 8-19. This well was Plugged and Abandoned long before Cline took over operations. Cline has no records for this well.
 - c. Kincheloe 2-19. This well was Plugged and Abandoned long before Cline took over operations. Cline has no records for this well.

(Please see Attachment A)

- c) The injection line follows the road from the Central Tank Battery at Kincheloe Sumatra Unit to the Kincheloe 7-19.

(Please see Attachment B)

- d) The producing wells at KSU are producing from the Tyler "B" formation. The 3rd Cat Creek formation (3,364' - 3,404') will produce low quality drinking water. There are not any water wells in the area of review.

24 - 2024

e) The injection zone for the Kincheloe 7-19 is in the Tyler "B" formation from 4548' - 4614' that consists of very fine-grained to coarse-grained sandstone with interbedded shale and siltstone. The estimated formation pressure is 490 psi calculated from most recent fluid level.

(Please see Attachment C for water analysis)

The upper confining zone for the Tyler "B" sand is the Tyler Shale (4,448' - 4,512'), which is a medium grey to dark grey shale and very finely carbonaceous. Below the Tyler "B" is the Heath Shale (4,512' - 4,695' (TD of well)) which is black, smooth, splintery and extremely pyritic, confines the zone.

f) The Tyler formation in the Kincheloe 7-19 has a top of 4,549' KB (1618' above sea level). There are no other producing wells in the AOR.

g) The electric log is on file with the Board of Oil and Gas Conservation.

h) The Kincheloe 7-19 has 5-1/2" 15.5# production casing set at 4,708' with 350 sx "G" cement. The 8-5/8" 24# surface casing is set at 158' with 100 sx "G" cement. Top of cement at 4,040' (Go International Log 12-30-1973)

(Please see Attachment D)

i) The Kincheloe 7-19 will be used to flood the northern half of the Kincheloe Sumatra Unit. The production water from the unit (1,200 BPD) will be injected at no greater than 2050 psi.

(Please see Attachment C for water analysis)

j) Owners

Surface Owner: DIAMOND C CATTLE INC
 PO BOX 129
 MELSTONE, MT 59054-0129

Unleased Mineral Owners: None

Leasehold Owners: Cline Production Co
 PO Box 20736
 Billings, MT 59104

Gilreath Contract Services
PO Box 55
Roundup, MT 59072

Laura K Fitzpatrick Sanders
5519 Pine Arbor
Houston, TX 77066

Frank W Fitzpatrick
PO Box 7199
Incline Village, NV 89452

Marylou F Malphus
827 Yale St
Santa Monica, CA 90403

John W Fitzpatrick
275 Trimble Crossing Dr
Durango, CO 81301

James Denny Bartell
13119 Conifer Rd
Houston, TX 77079

Mesaphina LLC
8000 Research Forest Dr
Ste 115, Box 38
The Woodlands, TX 77382

K&B Company
6236 SE Sherrett St
Portland, OR 97206

Wheatley Oil Co
Tom Wheatley
387 Mustang Blvd
Port Aransas, TX 78373

T S Mhajan
C/O Mark Power
PO Box 1838
Mendocino, CA 95460

Lanser Prod Enterprises Inc
PO Box 3025
Oklahoma City, OK 73101

Randy Meeks
10111 Inwood Dr
Houston, TX 77042



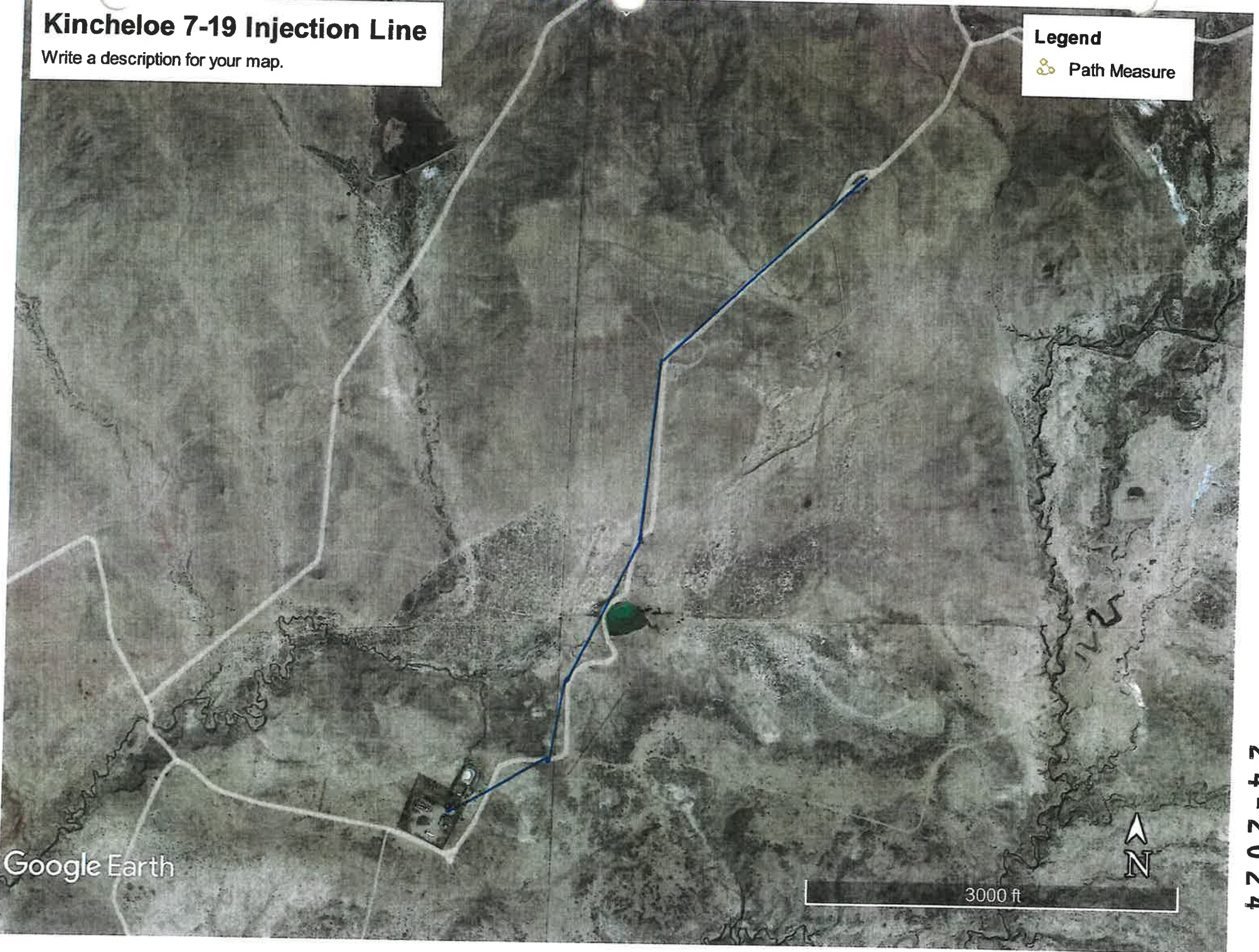
A B Cline Jr.
President

ATTACHME - 13

Kincheloe 7-19 Injection Line

Write a description for your map.

Legend
📏 Path Measure



Google Earth

3000 ft



24-2024

ATTACHMENT C

Saturation Index Calculations Champion Technologies, Inc. (Based on the Tomson-Oddo Model)

Site Information

| | |
|---------|------------------------|
| Company | Great Plains Operating |
| Field | KSU |
| Point | KSU Injection |
| Date | 4/15/98 |

Water Analysis (mg/L)

| | |
|------------------------|-------|
| Calcium | 256 |
| Magnesium | 68 |
| Barium | 0 |
| Strontium | 0 |
| Sodium* | 6225 |
| Bicarbonate Alkalinity | 1,122 |
| Sulfate | 8,400 |
| Chloride | 3,399 |

Appended Data

| | |
|------------------|-------------|
| Carbonates | 0 mg/L |
| Hydrogen Sulfide | 32 mg/L |
| Iron | 8.5 mg/L |
| pH | 7.3 [H+] |
| Oxygen | n/a mg/L |
| Specific Gravity | 1.011 ratio |
| T.D.S. | 19510 mg/L |
| Lab Number | 98687 # |

* - Calculated Value

Physical Properties

| | |
|-----------------|------------|
| Ionic Strength* | 0.39 |
| pH† | 7.30 |
| Temperature | 102°F |
| Pressure | 1,665 psia |

* - Calculated Value † - Known/Specified Value

Calcite Calculation Information

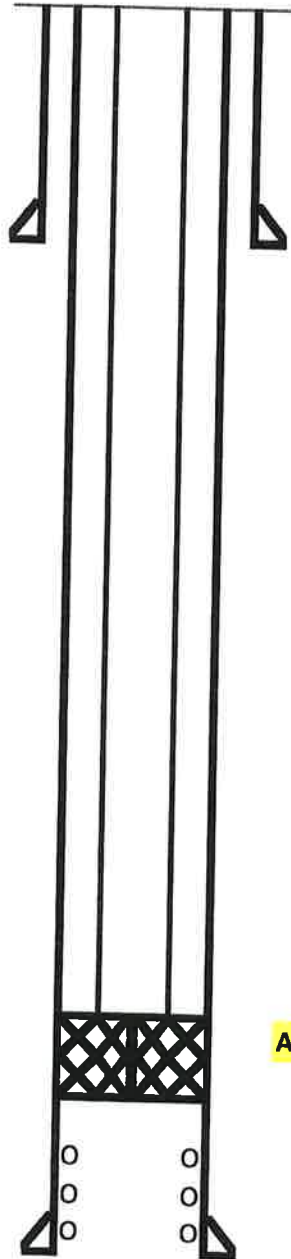
| Calculation Method | Value |
|--------------------------------------|-------|
| pH | 7.30 |
| Bicarbonate Alkalinity Correction(s) | |
| None Used | --- |

SI & PTB Results

| Scale Type | SI | PTB |
|-------------------------------|-------|-------|
| Calcite (Calcium Carbonate) | 0.41 | 101.4 |
| Gypsum (Calcium Sulfate) | -0.72 | N/A |
| Hemihydrate (Calcium Sulfate) | -0.64 | N/A |
| Anhydrite (Calcium Sulfate) | -0.83 | N/A |
| Barite (Barium Sulfate) | N/A | N/A |
| Celestite (Strontium Sulfate) | N/A | N/A |

ATTACHMENT D

| Kincheloe 7-19 | | | |
|----------------|------------------------|-------------|-------------------|
| Field: | Kincheloe Sumatra Unit | API Number: | 25-087-21198 |
| Location: | SWNE-19-11N-32E | Footage: | 1927 FNL 1927 FEL |
| County: | Rosebud | Date: | 3/22/2023 |



KB: 10'

148'

Surface Casing: 8-5/8" 24# K55
100 sx

AD-1 Packer set at 4,475'

Perforations: 4548' - 4558'
4590' - 4598'
4611' - 4614'

PBTd: 4639'

4708'
Production Casing: 5-1/2" 15.5# K-55
350 sx

Total Depth: 4695'

NOTICE OF INTENTION TO APPLY FOR A CLASS II UNDERGROUND INJECTION PERMIT

In the matter of the Application of Cline Production Company for a Class II Injection Permit.

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

1. The name and address of the applicant is:
Cline Production Company
P.O. Box 20736
Billings, MT 59104
2. Purpose:
Conversion of the Kincheloe 7-19 well located within and upon the SW1/4NE1/4 of Section 19, Township 11 North, Range 32 East in Rosebud County, MT to a Class II Injection Well.
3. Source of fluids to be injected:
Produced water from the Tyler formation.
4. Zone or formation into which injection fluids will occur, including depth:
The injection zone will be the Tyler Sandstone at a depth of 4,549' KB (1,618' above sea level).
5. Aquifer Exemption:
An Aquifer exemption will be requested as a part of the Application since the proposed injection zone may contain water with less than 10,000 parts per million total dissolved solids.

Pursuant to rule 36.22.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation (MBOGC) will hold a public hearing upon the application of Cline Production Company for a Class II Underground Injection Permit for the project set forth above. Said hearing will be held at the MBOGC Hearing Room, 2535 St. Johns Avenue, Billings, Montana, beginning at 9:00 a.m., on Thursday, February 15, 2024.

*** Proof of Publication ***

HELENA INDEPENDENT RECORD
2222 Washington St
Helena, MT 59602
Ph: (406) 447-4000

Cline Production Company

FREDDY CLINE
PO BOX 20736 MT 59104

ORDER NUMBER 180093

The undersigned, being duly sworn, deposes and says. That she is the principal clerk of The Helena Independent Record, a newspaper of general circulation published daily in the City of Helena, in the County of Lewis & Clark, State of Montana, and has charge of the Advertisements thereof.

Mark below if certification for the State of Montana
I hereby certify that I have read sec. 18-7-204 and 18-7-205, MCA, and subsequent revisions, and declare that the price or rate charged the State of Montana for the publication for which claim is made in printed copy in the amount of \$_____ is not in excess of the minimum rate charged any other advertiser for publication of advertisement, set in the same size type and published for the same number of insertions, further certify that this claim is correct and just in all respects, and that payment or credit has not been received.

Mandy Schilling
STATE OF MONTANA
County of Lewis & Clark

On this day of Dec. 14, 2023 before me, the undersigned, a Notary Public for the State of Montana, personally appeared Mandy Schilling known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed same. IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year first above written.

Section: Legal
Category: 0701 Legals Helena
PUBLISHED ON: 12/14/2023

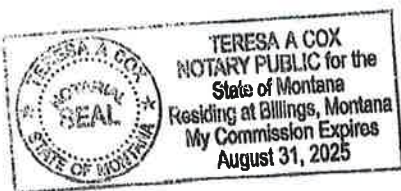
TOTAL AD COST: 130.96
FILED ON: 12/14/2023

Teresa A Cox
NOTARY PUBLIC for the State of Montana
Residing at Billings, MT

My commission expires: 8/31/2025

NOTICE OF INTENTION TO APPLY FOR A CLASS II UNDERGROUND INJECTION PERMIT
In the matter of the Application of Cline Production Company for a Class II Injection Permit.
BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA

- 1. The name and address of the applicant is:
Cline Production Company
P.O. Box 20736
Billings, MT 59104
- 2. Purpose:
Conversion of the Kincheloe 7-19 well located within and upon the SW1/4NE1/4 of Section 19, Township 11 North, Range 32 East in Rosebud County, MT to a Class II Injection Well.
- 3. Source of fluids to be injected:
Produced water from the Tyler formation.
- 4. Zone or formation into which injection fluids will occur, including depth:
The injection zone will be the Tyler Sandstone at a depth of 4,549' KB (1,618' above sea level).
- 5. Aquifer Exemption:
An Aquifer exemption will be requested as a part of the Application since the proposed injection zone may contain water with less than 10,000 parts per million total dissolved solids. Pursuant to rule 36.22.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation (MBOGC) will hold a public hearing upon the application of Cline Production Company for a Class II Underground Injection Permit for the project set forth above. Said hearing will be held at the MBOGC Hearing Room, 2535 St. Johns Avenue, Billings, Montana, beginning at 9:00 a.m., on Thursday, February 15, 2024.
December 14, 2023 180093 MMAXLP



Lunch/rom AS
Thursday, December 21
 Beef & Noodles
 Harvard Beets
 Green Salad
 Fruit
 Chair Exercise 9am
 Bingo 12:30
Friday, December 22
 Baked Ham
 Hashbrown Casserole
 Green Beans
 Dessert
 S.A.I. Balance & Exercise Class 9 am
CHRISTMAS PARTY CLOSED DECEMBER 25 - MERRY CHRISTMAS!

SENIOR CENTER MENU - COLSTRIP
Meals are subject to change, call by 10:30 am
 748-3525, Senior Center is open from 10:30 a.m. to 2 p.m., Monday - Friday, served with hot coffee, tea, 2% milk, water or juice. Suggested Senior donation \$1 (60), non-seniors \$7.
Monday, December 18
 Baked Potato Bar
 Chili
 Cheese

Sour Cream
 Fruit
 Dessert
 X-Mas Bingo
Tuesday, December 19
 Meatloaf
 Mac & Cheese
 Broccoli
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 Holiday Baking

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CLASSIFIEDS

Help Wanted
Full Time Maintenance Technician
 Location Forsyth, MT
 Tomerack Property Management Co.
 Overview:
 Join our team as a Maintenance Technician in Forsyth, MT. This full-time role requires a high school degree or equivalent, technical training in a building trade, and at least 2 years of skilled maintenance experience. You'll report to the Regional Property Manager, handling tasks from janitorial work to complex repairs and apartment turnovers.
Key Responsibilities:
 - Perform various maintenance duties: preventive, repairs, painting, carpentry, minor plumbing, and electrical tasks.
 - Maintain grounds, common areas, and equipment.
 - Manage work orders, emergency responses, and maintenance logs.
 - Coordinate with vendors, contractors, and oversee property conditions.
Requirements:
 - Ability to read/blueprint, basic math skills, and interpret technical diagrams.
 - Proficiency in using computers, maintenance tools, and equipment.
 - Excellent communication and teamwork skills.
 - Physical ability to lift, climb, and work in various weather conditions.
 - Valid driver's license.
 Salary: \$21.00 - \$23.00 per hour
 Tomerack Property Management Co. is an equal opportunity employer and does not discriminate in employment on account of race, color, religion, age, sex, national origin, disability status, marital status, protected veteran or military status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws. To apply go to www.realpublicnotices.com click careers select Reviewer Mike Anderson click

Help Wanted
Career Opportunity Teller
 Full benefits including health insurance, 401-K, paid vacation and holidays
 Applicants must demonstrate strong communication skills, be proficient with various computer software applications, and have aptitude for team environment.
 Pick up application at 890 Main Street, Forsyth, MT - EOE
FIRST BANK OF MONTANA
 WWW.FB.COM
HELP WANTED - shop help in the Scooby, MT location, full-time, wage DOE, family health insurance, dental 401K, long term disability, holiday pay, vacation and sick leave package. PRD Co-op, Tanager Tower 406-487-2912
PROPERTY MANAGER, YEAR-ROUND position for Cotan Owners Association in the mountains at East Rosebud Lake in south central MT. Request more information at: Rescue4EastRosebudLake.com

Miscellaneous
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Legals
HEIN MONTANA SIXTEENTH JUDICIAL DISTRICT COURT, ROSEBUD COUNTY IN THE MATTER OF THE ESTATE OF URSULA BLUTCH E. HEIN, Deceased.
 Cause No. D.P. 23-3-4 NICKOLAS C. MURKIN DISTRICT JUDGE
 NOTICE IS HEREBY GIVEN that the undersigned has been appointed personal representative of the estate of BERNARD E. HEIN. All persons having claims against the estate are required to present their claims no later than 4 months from the date of this notice or said claims will be forever barred.
 Claims must either be filed with the Clerk of the above-captioned Court or mailed to the personal representative, return receipt requested, in care of KRUTZFELDT & JONES, LLP, 507 Pleasant Street, Missoula, Montana 59801. DATED November 10, 2013.
 /S/ CARSON HEIN
 JEANETTE KRUTZFELDT, JONES
 JEANETTE KRUTZFELDT, JONES
 ERICA GRIFFITH BROWN KRUTZFELDT, JONES LLP
 Attorneys at Law
 507 Pleasant Street
 Missoula, Montana 59801
 ATTORNEY FOR CARSON J. HEIN

Legals
 James Lynn Blakeley To: James Lynn Blakeley
 The hearing will be on 01/29/2024 at 1:00 p.m. The hearing will be of the Courtroom in Rosebud County.
 Date: November 28, 2023
 /s/ Elizabeth T. Bass Clerk of District Court
 Published by Independent Press December 9, December 16, December 23, and December 30, 2023 (M-T-W-F-S)
 Rosebud Schools will be discussing the demolition bids at the regularly scheduled board meeting on Monday, December 11th. Final decisions will be made at a special meeting on December 18th at 2 pm in the elementary board room. These bids include a bid from Casey Todornik, owner of local member Joel Vigos, and a bid from Zack Buck, husband of board chair Kristin Buck.
 Published by Independent Press December 9, December 16, 2023 (M-T-W-F-S)
NOTICE OF INTENTION TO APPLY FOR A CLASS II UNDERGROUND INJECTION PERMIT
 In the matter of the Application of Cimex Production Company for a Class II Injection Permit

Legals
 project. Produced water from the Tyler formation.
 4. Zone or formation into which injection fluids will occur, including depth. The injection zone will be the Tyler Sandstone at a depth of 4,549 MB (11,818' above sea level).
 5. Aquifer Exemption: An Aquifer exemption will be requested as a part of the Application since the proposed injection zone may contain water with less than 10,000 parts per million total dissolved solids.
 Pursuant to rule 36.20.1409, Administrative Rules of Montana, the Montana Board of Oil and Gas Conservation (MBOGC) will hold a public hearing upon the application of Cimex Production Company for a Class II Underground Injection Permit for the project set forth above. Said hearing will be held at the MBOGC Hearing Room, 2903 St. Johns Avenue, Billings, Montana, beginning at 9:00 a.m. on Thursday, February 15, 2024.
 (M-T-W-F-S)
 BEFORE THE BOARD OF OIL AND GAS CONSERVATION OF THE STATE OF MONTANA
 1. The name and address of the applicant is:
 Cimex Production Company
 PO Box 20726
 Billings, MT 59104
 2. Purpose:
 Conversion of the Knutznick 118 well to an oil well and upon the SW 1/4NE 1/4 of Section 22, Township 22 North, Range 22 East in Rosebud County, MT to a Class II Injection Well
 3. Source of fluids to be



RECEIVED

JAN 11 2024

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

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

**Docket No. 25 - 2024
Underground Injection Control
Application**

**Mike 10-1H SWD
Sec. 10 T25N R58E**

HYDRA MT LLC

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

Underground Injection Control (UIC) Permit Application Wildcat, Richland Field

The following is submitted in support of our application to permit the drilling and completion of the Mike 10-1H SWD well for the purposes of water injection into the Dakota Group and related rocks within the proposed Wildcat, Richland 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 Mike 10-1H SWD well has been proposed for drilling and completion of a water injection within the Wildcat, Richland 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.

Mike 10-1H SWD
404' FSL, 1,066' FWL
SWSW Sec. 10-T25N-R58E

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

There are currently four oil well active within the 1/4-mile AOR. The Verrene 15-22 1TFH (25-083-22916) (TOC at 1,048'). This well targets the Three Forks (Bakken) interval with horizontal kick off points at 9,900' TVD and lateral running in the AOR around 10,483' TVD. The Verrene 15-22 2H (25-083-23453) (TOC at 3,395'). This well targets the Middle Bakken interval with horizontal kick off points at 9,921' TVD and lateral running in the AOR around 10,416' TVD. The Verrene 15-22 3H (25-083-23454) (TOC at 3,458'). This well targets the Middle Bakken interval with horizontal kick off points at 9,928' TVD and lateral running in the AOR around 10,430' TVD. The Kennedy 16-21 4H (25-083-23452) (TOC at 2,467'). This well targets the Middle Bakken interval with horizontal kick off points at 9,927' TVD and lateral running in the AOR around 10,428' TVD.

There are also two plugged and abandoned vertical wells within the 1/4-mile AOR.

The Sundheim 1 (25-083- 21111) (TOC at 1,409'). No production casing was set below the 10¼" Surface Casing. P&A records confirm 5 cement plugs set in open hole above the Dakota injection interval and confirmation of plug top at 1,409'.

Prather Anvik 1-15 (25-083-21402) The surface cement job with estimated yields calculates surface cement to surface. 5 ½" casing was cut @ 2987' and a cement plug set inside 9 5/8" from 2887-2987' and a second plug set at surface. Cement isolation inside and outside surface casing preventing communication from the Dakota injection interval.

Sundheim targeted the Red River interval while the Prather Anvik targeted the Red River & Winnipegosis intervals with TVDs around 12,768' to 13,330' TVD respectively.

1(c) Location of All Pipelines:

The Mike 10-1H 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 Mike 10-1H 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 Mission Canyon and Three Forks (Bakken) are formations that are producing or have been productive within the quarter mile AOR of T25N R58E in Richland County, MT. The Mission Canyon produced between 9,200-9528'. The Three Forks (Bakken) produces between 10,822-20,218'. The Red River and Winnipegosis are formations that was dry and tried to produce within

the quarter mile AOR of The Red River was dry and tried to produce between 12,684-12,716'. The Winnipegosis was dry and tried to produce between 11,538-11,646'.

Fresh water well data was obtained from the Montana Department of Natural Resources and Conservation, Water Resources, Division. There are no 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> |
|-----------------|--------------|----------------|------------------|--------------|
| NA | NA | NA | NA | NA |

Any potential USWDs are protected from the proposed injection zone by surface casing to set at 1,960' 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 472' 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 - 3,414' to -3,567' SSTVD with sand packages ranging from 30' to 35' in thickness. The anticipated formation top for the Dakota (estimated KBTVD is 4920') and anticipated formation top for first Dakota perforation (estimated KBTVD is 5305')

The Cretaceous Mowry formation is the overlying confining formation for the Inyan Kara. The Mowry is estimated to be approximately 274' 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 749' thick in this area.

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

The Verrene 15-22 1TFH (25-083-22916) (TOC at 1,048'). is an active oil well within the AOR. The well has adequate cement height and lithology for injection.

1(g) Open Hole Logs:

The Mike 10-1H 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 Mike 10-1H 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 Mike 10-1H 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 5,250' at which point we will drill the curve section at 8°/100 ft to LP and drill lateral section to approximately 6,506' MD. 7" casing will be ran to TD and cemented into place, TVD will be at 5,920'.

1(i) Description of Injection Fluid:

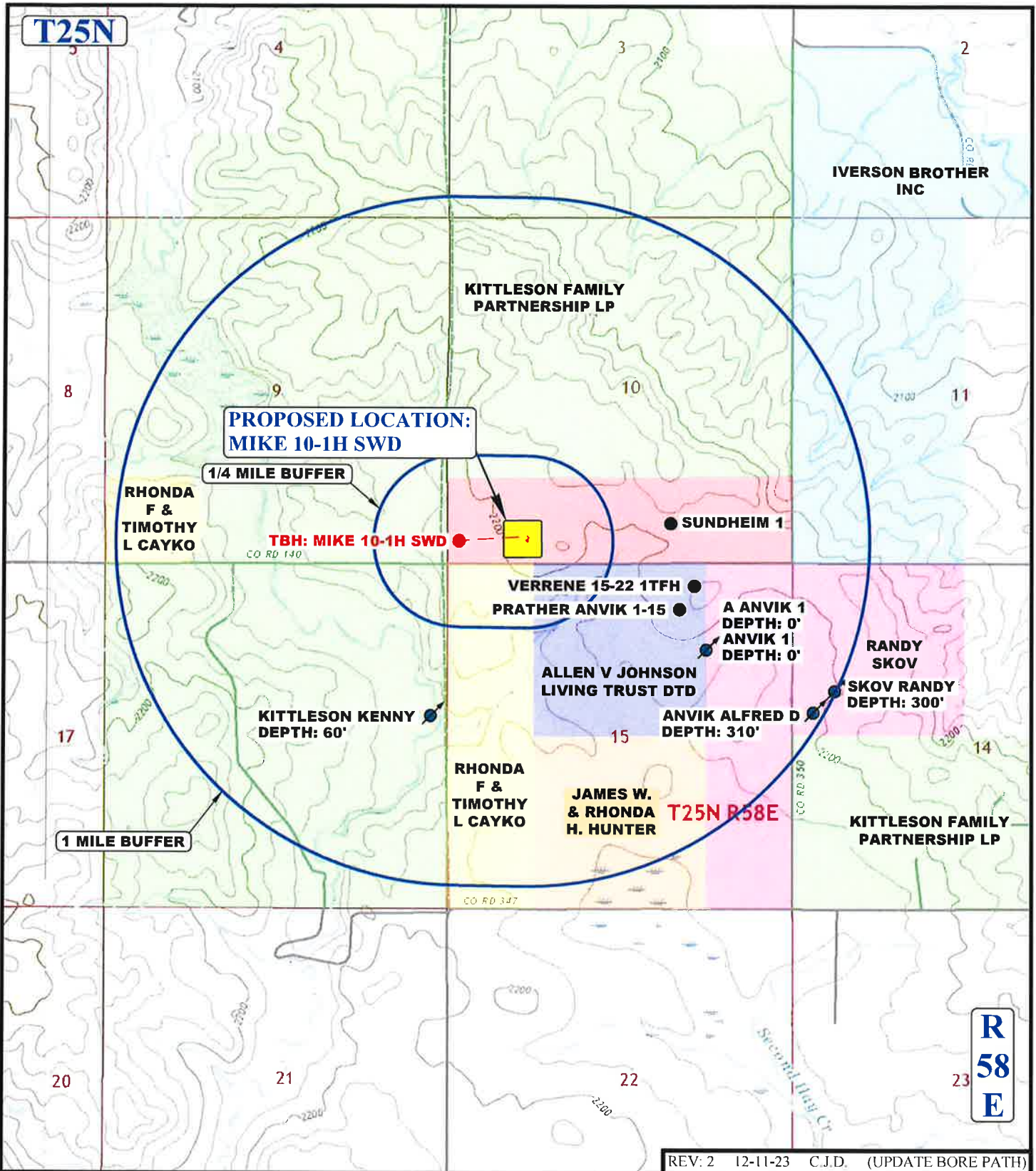
The Mike 10-1H SWD will primarily be used to inject produced water from wells producing from the Bakken formation in the surrounding area. Water from the Red River, Madison and other producing intervals of the Williston Basin may also be disposed of in the Mike 10-1H SWD, depending on future development plans. Appendix VII, depicts a representative water analyses from a Bakken well in the area well that will be injected at the Mike 10-1H 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



LEGEND:

- OIL/GAS WELLS
- ⊕ WATER WELLS

UINTAH
ENGINEERING & LAND SURVEYING

UELS, LLC
Corporate Office * 85 South 200 East
Vernal, UT 84078 * (435) 789-1017

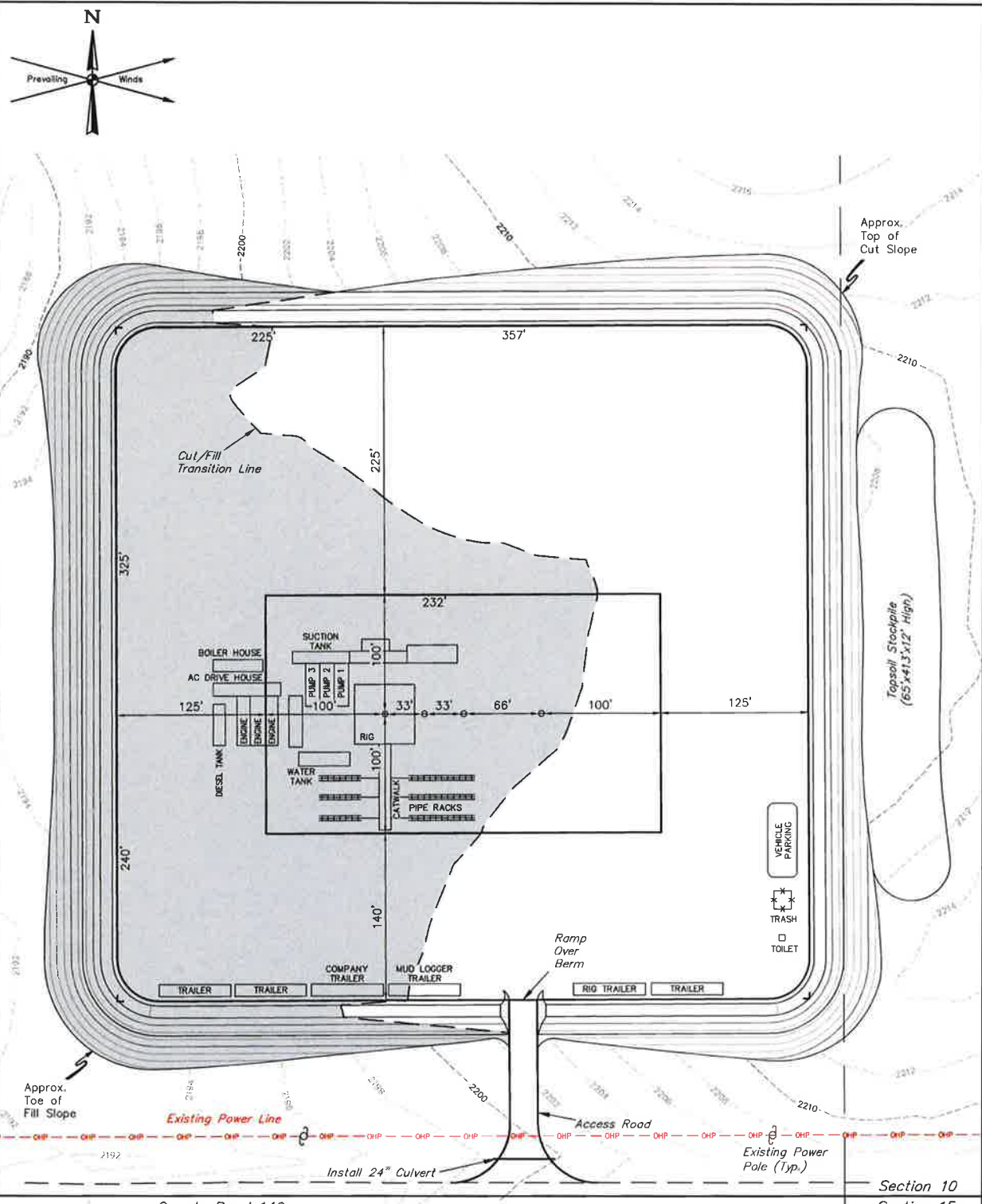
HYDRA MT, LLC

MIKE 10-1H SWD
404' FSL 1066' FWL
SW 1/4 SW 1/4, SECTION 10, T25N, R58E, P.M.M.
RICHLAND COUNTY, MONTANA

| | | | |
|--------------------|------------|----------|--------------|
| SURVEYED BY | J.G., Q.M. | 03-03-23 | SCALE |
| DRAWN BY | A.M. | 04-10-23 | 1 : 24,000 |

WELL PROXIMITY MAP **TOPO C**

25-2024



Section 10
Section 15

County Road 140

1/16 Section Line

Approx. Toe of Fill Slope

Existing Power Line

Access Road

Install 24" Culvert

Existing Power Pole (Typ.)

Approx. Top of Cut Slope

Topsoil Stockpile (65'x13'x12" High)

VEHICLE PARKING

TRASH

TOILET

Ramp Over Berm

TRAILER

TRAILER

COMPANY TRAILER

MUD LOGGER TRAILER

RIG TRAILER

TRAILER

BOILER HOUSE

AC DRIVE HOUSE

DESEL TANK

ENGINE

ENGINE

ENGINE

PUMP 3

PUMP 2

PUMP 1

SUCTION TANK

RIG

WATER TANK

CATWALK

PIPE RACKS

225'

357'

225'

232'

100'

100'

100'

125'

125'

33'

33'

66'

100'

240'

140'

2180

2192

2194

2196

2198

2200

2202

2204

2206

2208

2210

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2240

2242

2244

2246

2248

2250

NOTES:

- Flare stack is to be located a min. of 100' from the wellhead.
- Contours shown at 2' intervals.

UJINTAH
SURVEYING & LAND MANAGEMENT

UELS, LLC
Corporate Office • 85 South 200 East
Vernal, UT 84078 • (435) 789-1017



REV: 1 06-15-23 S.L. (TITLE BLOCK FOOTAGE CORRECTION)

HYDRA MT, LLC

MIKE 10-1H SWD
404' FSL 1066' FWL
SW 1/4 SW 1/4, SECTION 10, T25N, R58E, P.M.M.
RICHLAND COUNTY, MONTANA

| | | | |
|-------------|------------|----------|----------|
| SURVEYED BY | J.G., Q.M. | 03-03-23 | SCALE |
| DRAWN BY | A.M. | 04-10-23 | 1" = 80' |

TYPICAL RIG LAYOUT

Kraken Operating, LLC

Representative Log

Iverson 2-2

2508322157000

Sec 2, T25N R58E

Horizontal Scale = 2.0
Vertical Scale = 20.0
Vertical Exaggeration = 0.1x

LOG CURVES

0 170 GR (GAPI) Calibrated Gamma-Ray (F12.3)
0.02 20 LLS (ohmm) LLS
0.02 20 LLD (ohmm) LLD
0.1 0.2 DRHO (G/C3) DENSITY CORRECTION

TOPS AND MARKERS

INYAN_KARA BRL
SWIFT BRL

May 4, 2023 10:17 AM

Rel
Depth(ft)
-20 -

0 -

20 -

40 -

60 -

80 -

100 -

120 -

140 -

160 -

180 -

200 -

220 -

240 -

260 -

280 -

300 -

320 -

340 -

360 -

380 -

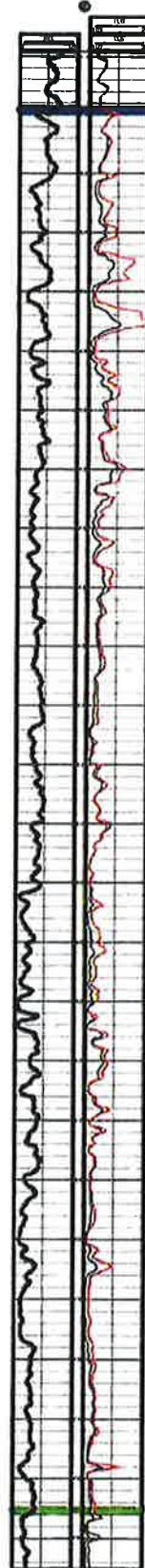
400 -

420 -

440 -

460 -

480 -



Rel
Depth(ft)
-20 -

0 -

20 -

40 -

60 -

80 -

100 -

120 -

140 -

160 -

180 -

200 -

220 -

240 -

260 -

280 -

300 -

320 -

340 -

360 -

380 -

400 -

420 -

440 -

460 -

480 -

Submit In Quadruplicate To:
MONTANA BOARD OF OIL AND GAS CONSERVATION
2535 ST. JOHNS AVENUE
BILLINGS, MONTANA 59102

SUNDRY NOTICES AND REPORT OF WELLS

| | | |
|---|---|--|
| Operator Hydra MT, LLC Address 9805 Katy Freeway Ste 300 City Houston State TX Zip Code 77024 Telephone 713-360-7705 Fax 713-360-7712 | | Lease Name: Mike Type (Private/State/Federal/Tribal/Allotted): Private Well Number: 10-1H SWD |
| Location of well (1/4-1/4 section and footage measurements): 404' FSL, 1066' FWL SWSW Section 10, T25N, R58E | | Unit Agreement Name: Field Name or Wildcat: Wildcat, Richland Township, Range, and Section: 10-T25N-R58E |
| API Number: 25 083 23455 <small>State County Well</small> | Well Type (oil, gas, injection, other): Injection | County: Richland |

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

| | |
|--|---|
| Notice of Intention to Change Plans <input type="checkbox"/> Notice of Intention to Run Mechanical Integrity Test <input type="checkbox"/> Notice of Intention to Stimulate or to Chemically Treat <input type="checkbox"/> Notice of Intention to Perforate or to Cement <input type="checkbox"/> Notice of Intention to Abandon Well <input type="checkbox"/> Notice of Intention to Pull or Alter Casing <input type="checkbox"/> Notice of Intention to Change Well Status <input type="checkbox"/> Supplemental Well History <input type="checkbox"/> Other (specify) Intent to Drill & Complete a Class II Injection Well <input checked="" type="checkbox"/> | Subsequent Report of Mechanical Integrity Test <input type="checkbox"/> Subsequent Report of Stimulation or Treatment <input type="checkbox"/> Subsequent Report of Perforation or Cementing <input type="checkbox"/> Subsequent Report of Well Abandonment <input type="checkbox"/> Subsequent Report of Pulled or Altered Casing <input type="checkbox"/> Subsequent Report of Drilling Waste Disposal <input type="checkbox"/> Subsequent Report of Production Waste Disposal <input type="checkbox"/> Subsequent Report of Change in Well Status <input type="checkbox"/> Subsequent Report of Gas Analysis (ARM 36.22.1222) <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 February 15, 2024.

Hydra MT, LLC requests variance to not run open hole logs on the subject well.

| BOARD USE ONLY | |
|------------------------|----------------|
| Approved _____ Date | |
| _____ Name | _____ Title |

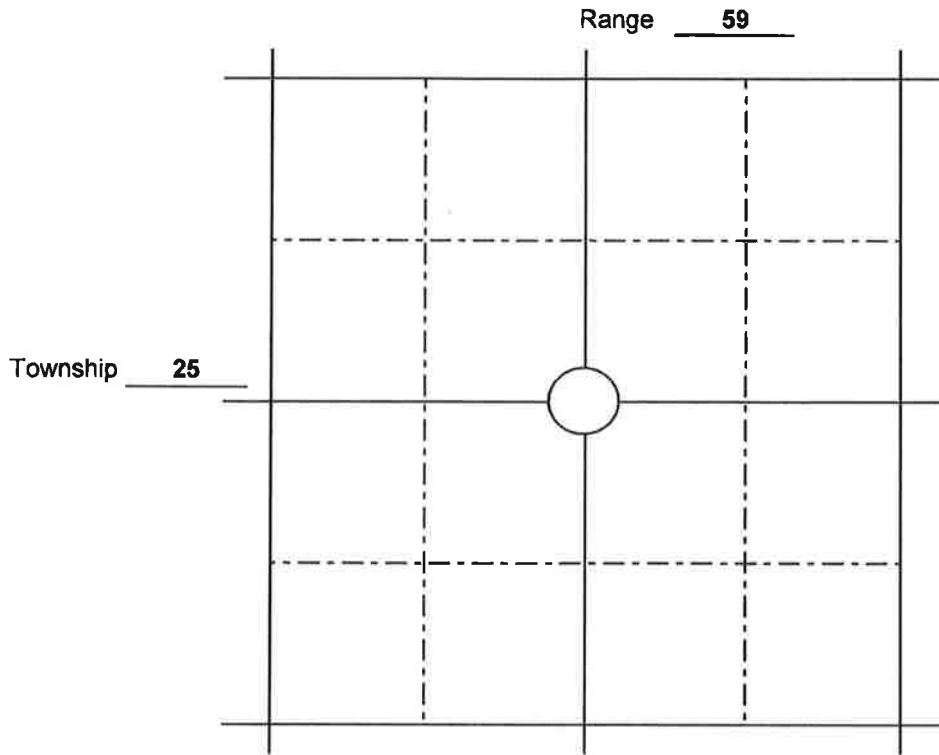
The undersigned hereby certifies that the information contained on this application is true and correct:

| | |
|--|---|
| 1/9/24 Date |  Signed (Agent) |
| Peter Larsen, VP - Midstream Print Name and Title | |
| Telephone: 713-360-7705 | |

SUPPLEMENTAL INFORMATION

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.



BOARD USE ONLY

CONDITIONS OF APPROVAL

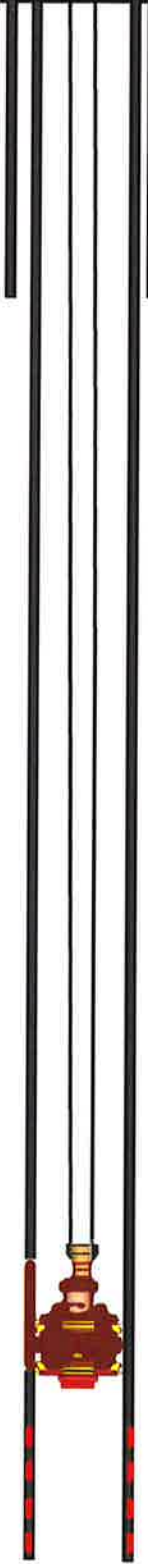
The operator must comply with the following condition(s) of approval:

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

25 - 2024

Hydra MT, LLC

Well Name: Mike 10-1H SWD
 Legals: SWSW Sec. 10 T25N-R58E
 County, State: Richland Co., Montana
 Date: 1/3/2024
 G.L. 2,203 K.B. 26

| Actual Installation | | Installation | Set Depth | Length | Description | OD | ID |
|--|--|--------------|-----------|----------|--|--------|--------|
|  | | | 80.00 | 80.00 | <u>Casing Description:</u> Conductor- 65# H-40 | 16.000 | 15.250 |
| | | | 1,992.00 | 1,992.00 | Surface Casing- 36# J-55 LTC | 9.625 | 8.920 |
| | | | 6,492.00 | 6,492.00 | Production Casing- 32# P-110 BTC | 7.000 | 6.094 |
| | | | | | <u>Cement:</u> <u>Surface CSG:</u> Lead: 619sx 12.1# Mag EV CMT, 1.91 ft3/sx Tail: 235sx 14.1# Varicem CMT, 1.32 ft3/sx TOC: Surface | | |
| | | | | | <u>Production CSG:</u> Lead: 300 sx 11.5# NeoCem CMT, 2.32 ft3/sx TOC: 3110' | | |
| | | | | | <u>WellHead:</u> 7-1/16" 5M | | |
| | | | | | <u>Peforations:</u> 1 SPF | | |
| | | | 5,550.00 | | | | |
| | | | 6,450.00 | | | | |
| | | | 5,200.00 | | <u>Completion:</u> 7" Nickel Plated AS1-X PKR | | |
| | | | | | <u>Stimulation:</u> 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 @ 6,506' MD 5,920' TVD | | |

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

Hydra MT, LLC
Mike 10-1H SWD
Richland County, MT

API No: _____

COMPLETION PROCEDURE

January 3, 2024

25-2024

**Mike 10-1H SWD
Richland Co., MT**

COMPLETON OVERVIEW

WELL DATA:

Total Well Depth 6,506' MD, 5,920' TVD
GL 2,203'
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 – 1992' | 3520 | 2020 |
| 7.00" | 32# | P-110 | BTC | 6.094 | 5.969 | 0 – 6492' | 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 – 5,200' | 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 7000' 2-7/8" PH6 work string on pipe racks.

**Mike 10-1H 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 6,449'.
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 perms = 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 5,200' to acidize the perms.
13. Acidize perms 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 4,715' 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.

ASTRO-CHEM LAB, INC.

4102 2nd Ave. W.

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

P.O. Box 972

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

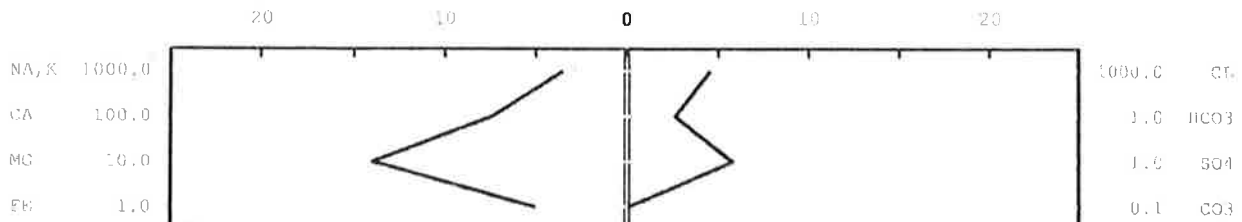
H₂S Negative

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

25-2024

ASTRO-CHEM LAB, INC.

4102 2nd Ave. W.

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

P.O. Box 972

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

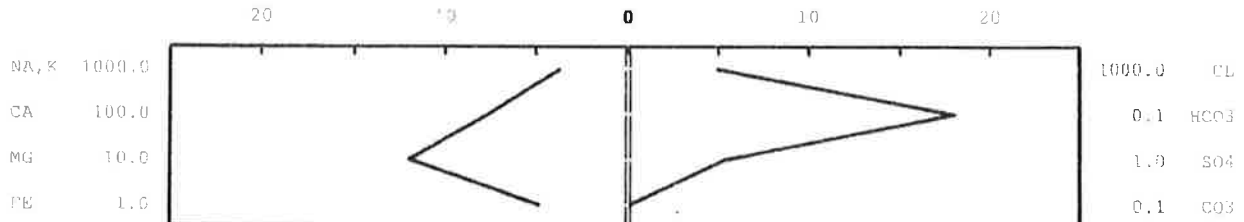
H₂S Negative

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

25-2024

Underground Injection Control (UIC) Permit

List of Surface Ownership

T25N-R58E: Section 9: SE4

Kittleson Family Partnership, LP
34658 CR 142
Fairview, MT 59221

T25N-R58E: Section 10: N2S2

Kittleson Family Partnership, LP
34658 CR 142
Fairview, MT 59221

T25N-R58E: Section 10: S2S2

Eric L. Sundheim
2220 Legend Dr.
Leander, TX 78641

T25N-R58E: Section 15: NE4NW4

Allen V. Johnson Living Trust, Dated 10/31/2018
13670 N. Kings Canyon Rd.
Rathdrum, ID 83858

T25N-R58E: Section 15: NW4NW4

Rhonda F. Cayko and Timothy L. Cayko
15951 Hwy. 200
Fairview, MT 59221

T25N-R58E: Section 16: NE4NE4

Kittleson Family Partnership, LP
34658 CR 142
Fairview, MT 59221

List of Unleased Mineral Ownership / Working Interest Owners

T25N-R58E: Section 9: SE4

Working Interest Parties

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

Davis Exploration, LLC
3330 Cumberland Blvd. Ste. 425
Atlanta, GA 30339

Citizen Acquisition, LLC
1400 16th St., Ste. 400
Denver, CO 80202

Rumsey Road, LLC
PO Box 18744
Oklahoma City, OK 73154

Basin Acquisition Fund, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Basin Co-Investment II, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307

True Oil, LLC
PO Drawer 2360
Casper, WY 82602

T25N-R58E: Section 10: S2S2

Unleased Mineral Owner

Nancy M. Pawlowski Revocable Living Trust, 3/9/2012
2922 Ridgecrest Dr.
Casper, WY 82604

Laura Ann Pawlowski
2922 Ridgecrest Dr.
Casper, WY 82604

Jeffrey J. Sundheim
6970 Viscaya Rd.
Helena, MT 59602

Scott E. Sundheim
14219 CR 341
Fairview, MT 59221

Rhonda Fay Cayko
15951 Hwy. 200
Fairview, MT 59221

Eric L. Sundheim
2220 Legend Hill Dr.
Leander, TX 78641

Robert E. Sundheim
35194 Hwy. 201
Fairview, MT 59221

JuDean Sundheim
13248 CR 347
Fairview, MT 59221

Orion and Elma Sundheim
PO Box 25
Fairview, MT 59221

Jimmy Sundheim
35148 Hwy. 201
Fairview, MT 59221

Delores Frison
811 3rd St. SE
Sidney, MT 59270

Jerry Sundheim
PO Box 1035
Colstrip, MT 59232

Ullr Properties, LLC
3105 Country Club Circle
Billings, MT 59102

Pioneer Mineral Interests II, LLC
PO Box 5958
Winston-Salem, NC 27113

Milton D. McKenzie and Trust Co. of Oklahoma
Trustees of the Areta B. McKenzie Trust, 4/18/1983
7318 South Yale, Ste. B
Tulsa, OK 74136

McKenzie Management, Inc.
The 1984 Bret Allen McKenzie Revocable Trust
7318 South Yale, Ste. B
Tulsa, OK 74136

McKenzie Management, Inc.
The 1984 Bart Bryan McKenzie Revocable Trust
7318 South Yale, Ste. B
Tulsa, OK 74136

Jones County Minerals, Inc.
1924 S. Utica, Ste. 1010
Tulsa, OK 74104

Twoash, Ltd.
1801 East 71st St.
Tulsa, OK 74136

Working Interest Parties

Integrated OGM, LLC
PO Box 223
Norman, OK 73070

T25N-R58E: Section 10: N2SW4, NW4

Unleased Mineral Owner

Five Kids Minerals, LLC
3030 South Highland Dr.
Las Vegas, NV 89109

Freeport Securities Co.
PO Box 56
Freeport, IL 61032

Helen L. Morrill Stone
1575 Douglas St.
Rock Island, WA 98850

Kringen Oil, LLC
8540 E. McDowell Rd. Unit 59
Mesa, AZ 85207

Milo and Janice Hunter Family Trust, dated 1/21/2015
3616 Mescalero Tr.
Billings, MT 59106

Cody M. Iverson
3510 Garman Rd.
Gillette, WY 82716

Sandra Iverson
103 College Park Circle
Gillette, WY 82716

Working Interest Parties

Basin Acquisition Fund, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Basin Co-Investment II, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307

T25N-R58E: Section 15: W2W2

Working Interest Parties

Basin Acquisition Fund, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Basin Co-Investment II, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307

Integrated OGM, LLC
PO Box 223
Norman, OK 73070

T25N-R58E: Section 15: E2NW4

Working Interest Parties

Basin Acquisition Fund, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Basin Co-Investment II, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307

T25N-R58E: Section 16: NE4

Working Interest Parties

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

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

IN THE MATTER OF THE APPLICATION OF HYDRA MT LLC FOR THE HEARING OF ITS REQUEST FOR A UIC PERMIT FIR THE MIKE 10-1H SWD WELL, 404'FSL, 1066'FEL, SECTION 10, TOWNSHIP 25NORTH, RANGE 58 EAST, M.P.M., RICHLAND COUNTY, MONTANA, FOR THE PURPOSE OF WATER INJECTION

AFFIDAVIT OF NOTIFICATION

DATE: January 10, 2024

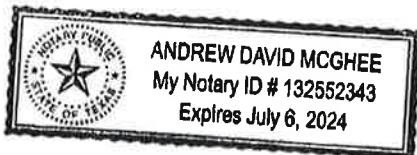
State of Montana
County of Richland

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

That Notice advising of Hydra MT LLC's application for 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 10th day of January, 2024, postage prepaid, First-Class Mail. This affidavit is given as evidence of compliance with A.R.M. 36.22.1410.


Justin Payne

Subscribed and sworn to before me this 10th day of January, 2024.




Notary Public for the State of TR
Residing at Harris Co.
My Commission Expires 7-6-24

(SEAL)

NOTICE

January 10, 2024

Allen V Johnson Living Trust, Dated 10/31/18
13670 N Kings Canyon Rd.
Rathdrum, ID 83858

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Basin Acquisition Fund, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

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

Re: Proposed Private Saltwater Disposal Well

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SW/4 SW/4 Section 10, Township 25N Range 58E, Richland County, MT

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Justin L. Payne

Justin L. Payne
Hydra MT LLC
713-360-7705

25-2024

NOTICE

January 10, 2024

Basin Co-Investment II, LP
1320 S. University Dr., Ste. 400
Fort Worth, TX 76107

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

Re: Proposed Private Saltwater Disposal Well

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Respectfully,

Justin L. Payne

Justin L. Payne
Hydra MT LLC
713-360-7705

25-2024

NOTICE

January 10, 2024

Citizen Acquisitions, LLC
1400 16th St., Ste. 400
Denver, CO 80202

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Cody M. Iverson
3510 Garman Rd.
Gillette, WY 82716

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Davis Exploration, LLC
3330 Cumberland Blvd., Ste. 425
Atlanta, GA 30339

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Delores Frison
811 3rd St. SE
Sidney, MT 59270

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Eric L. Sundheim
6401 Vega Rd.
Godley, TX 76044

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Five Kids Minerals, LLC
3030 South Highland Dr.
Las Vegas, NV 89109

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Freeport Securities Co.
PO Box 56
Freeport, IL 61032

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Helen L. Morrill Stone
1575 Douglas St.
Rock Island, WA 98850

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Integrated OGM, LLC
PO Box 223
Norman, OK 73070

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

NOTICE

January 10, 2024

Jeffrey J. Sundheim
6970 Viscaya Rd.
Helena, MT 59602

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Jerry Sundheim
PO Box 1035
Colstrip, MT 59232

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Jimmy Sundheim
35148 Hwy 201
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Jones County Minerals, Inc.
1924 S. Utica, Ste. 1010
Tulsa, OK 74104

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

JuDean Sundheim
13248 CR 347
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Kittleson Family Partnership LP
34658 CR 142
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

NOTICE

January 10, 2024

Kringen Oil, LLC
8540 E. McDowell Rd. Unit 59
Mesa, AZ 85207

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

NOTICE

January 10, 2024

Laura Ann Pawlowski
2922 Ridgecrest Dr.
Casper, WY 82604

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

NOTICE

January 10, 2024

McKenzie Management, Inc.
The 1984 Bart Bryan McKenzie Revocable Trust
7318 South Yale, Ste. B
Tulsa, OK 74136

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

McKenzie Management, Inc.
The 1984 Bret Allen McKenzie Revocable Trust
7318 South Yale, Ste. B
Tulsa, OK 74136

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Milo and Janice Hunter Family Trust, 1/21/2015
3616 Mescalero Tr.
Billings, MT 59106

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Milton D. McKenzie and Trust Co. of Oklahoma,
Trustees of the Areta B. McKenzie Trust, dated 4/18/1983
7318 South Yale, Ste. B
Tulsa, OK 74136

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Nancy M. Pawlowski Revocable Living Trust, dated March 9, 2012
2922 Ridgecrest Dr.
Casper, WY 82604

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

NOTICE

January 10, 2024

Orion and Elma Sundheim
PO Box 25
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Pioneer Mineral Interests II, LLC
PO Box 5958
Winston-Salem, NC 27113

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Rhonda F. & Timothy L. Cayko
15951 Hwy. 200
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Rhonda Fay Cayko
15951 Hwy 200
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Robert E. Sundheim
35194 Hwy 201
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Rumsey Road, LLC
PO Box 18744
Oklahoma City, OK 73154

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Sandra Iverson
103 College Park Circle
Gillette, WY 82716

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Scott E. Sundheim
14219 CR 341
Fairview, MT 59221

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

True Oil, LLC
PO Drawer 2360
Casper, WY 82602

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Twoash, Ltd.
1801 East 71st St.
Tulsa, OK 74136

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25-2024

NOTICE

January 10, 2024

Ullr Properties, LLC
3105 Country Club Circle
Billings, MT 59102

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 (Mike 10-1H SWD)

SW/4 SW/4 Section 10, Township 25N Range 58E, 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 February 15, 2024, 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

25 - 2024

January 9, 2024

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

Attn: Mr. Benjamin Jones
UIC Program Director

**Re: Application for UIC Permit and Authorization to Drill a Class II Injection Well,
Mike 10-1H SWD in SWSW of Sec. 10-T25N-R58, Richland County, MT**

Dear Mr. Jones:

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 February 15, 2024.

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

Sincerely,



Pete Larsen
VP - Midstream
Hydra MT, LLC

25 - 2024

This legal ad has been requested to be ran in the Helena Independent Record and Sidney Herald newspapers, requests were submitted on 1/8/24. Affidavits will be submitted to the state once received.

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

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

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
Mike 10-1H SWD located:
SHL: SWSW Section 10, T25N, R58E, Richland County, MT.
Footages: 404' FSL & 1066' FWL E1: 2202'
BHL: SWSW Section 10, T25N, R58E, Richland County, MT.
Footages: 421' FSL & 19' FWL
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 4943' - 5893'
5. An Aquifer Exemption will be requested as part of the application since the proposed injection zone contains water with less than 10,000 ppm total dissolved solids.

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, (**February 15, 2024**).

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

RECEIVED

JAN 11 2024

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

Docket No: TBD 26 - 2024

**Underground Injection Control
Application**

Brutus 1-8

Section 8, Township 24N, Range 57E

White Rock Oil and Gas, LLC

February 15, 2024

January 11, 2024

Benjamin Jones
Administrator
Interim Underground Injection Control (UIC) Program Director
Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

RE: Request for Injection Permit
Brutus 1-8 located in Section 8, Township 24N, Range 57E
Richland County, Montana

Dear Mr. Benjamin Jones,

Please find enclosed an Underground Injection Control (UIC) application by White Rock Oil and Gas, LLC. requesting an aquifer exemption for the Dakota/ Lakota Formations in the well, Brutus 1-8, operated by White Rock Oil and Gas, LLC. in Lone Tree Field. This shut in Red River well will be plugged back and completed as a water disposal well.

I certify the information contained in this application are, to the best of my knowledge, true and correct, and the work associated with the operation proposed herein will be performed by White Rock Oil and Gas, LLC. in conformity with this application and the terms and conditions under which it is approved.

White Rock Oil and Gas, LLC. is requesting the application be placed on the docket for the MBOGC February 15, 2024 hearing.

If you have any questions concerning the enclosed application, please contact Shawna Bonini, Operations Engineer at (406) 690-0068 or via email at sbonini@whiterockog.com.

Sincerely,



Rusty Ginnetti
Chief Operating Officer
White Rock Oil and Gas, LLC.

26-2024

**Underground Injection Control (UIC) Permit Application
Brutus 1-8 Injection**

The following report and justification are submitted in support of the application by White Rock Oil and Gas, LLC. to permit the conversion of the Brutus 1-8, which is a shut in Red River producer, for the purpose of water injection into the Dakota/ Lakota formations as required by Rule 36.22.1403 of the Rules and Regulations of the Montana Board of Oil and Gas Conservation.

1(a) Location of Injection Well:

The Brutus 1-8 well is herein proposed for conversion to a water injection well. This well was originally drilled to the Ordovician Red River Formation and successfully completed in the Red River “D” zone. The well produced until a downhole failure in April 2017. During the workover in April 2017 to restore production, the casing was found to be collapsed at 6,913’ and the well was subsequently shut in. Exhibit 1 shows the surface location and a circle of a quarter (1/4) mile or 1,320 ft radius representing the area of review (AOR) for this well.

| | | |
|------------|------------------------|-------------------------|
| Brutus 1-8 | 739 ft FSL, 831 ft FEL | SESE, Sec 8, T24N, R57E |
|------------|------------------------|-------------------------|

1(b) Wells within a Quarter Mile (1,320 ft) Area of Review (AOR):

There are not any wells drilled within ¼ mile AOR.

The closest wells to the Brutus 1-8 are the Peanut-Ray 16-4 HLID Bakken well and Lyle Pederson 2-17H Bakken well which are outside the AOR at 0.34 miles as shown in Exhibit 1.

1(c) Location of all pipelines:

Produced water from the Bakken White Rock Oil and Gas wells will be delivered to the location by truck.

There is an inactive water gathering line that will be reviewed for reactivation. If this occurs, the line would be flushed with freshwater and pressure tested prior to use. There would be meters at all associated sites to verify shipment and injection water volumes are aligned.

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

Jensen 2-9, (NWSW, Section 9, T24N, R57E), 2,136 ft to the NE of the proposed SWD well was drilled in 1996 and produced from the Red River, Putnam, and Interlake. The

well is currently produced from the Interlake. The shallowest perforations are at 11,816 ft TVD.

Jensen 1-9, (NWSW, Section 9, T24N, R57E), 2,011 ft to the NE of the proposed SWD well was drilled in 1971 and produced from the Red River until 1987. The well was ultimately plugged and abandoned in 1995 due to collapsed casing at 6,850'. Shallowest perforations at 12,238 ft TVD.

Daniels 1, (S2SENE, Section 8, T24N, R57E), 1,803 ft to the NW of the proposed SWD well was drilled in 1972 and produced first from the Red River. The well produced from the Interlake formation only until 2015 when the well was SI. Shallowest perforations at 11,496 ft TVD.

There are Bakken horizontal producers in the area. The closest Bakken wells to the proposed SWD include the Brutus Rachel 8-14H well 2,412 ft west, Lyle Pederson 2-17H well which is 1,799 ft southwest, and Peanut Ray 16-4 HLID 1,793 ft southeast. The Bakken produces at a depth of approximately 10,350 ft TVD.

Freshwater well data was obtained from the Ground Water Information Center (MBMG Data Center) website <https://mbmggwic.mtech.edu/>. There are no freshwater wells which produce within the AOR of the proposed injector, See Exhibit 2. The closest freshwater wells are listed below (outside the AOR):

| Well Name | Location | Use | Distance from Proposed SWD | Depth of Well |
|-----------------|---|------------|----------------------------|---------------|
| Ericksen Edward | Sec 17, T24N, R57E | Stockwater | 0.54 miles | Not Available |
| Daniel Charles | Sec 08, T24N, R57E 47.85302, -104.4393 | Stockwater | 0.69 miles | 56 ft |
| Baue Donald | Sec 16, T24N, R57E 47.8748, -104.7090 | Stockwater | 0.74 miles | 109 ft |
| Baue Donald | Sec 15, T24N, R57E 47.8438, -104.3975 | Stockwater | 1.36 miles | 140 ft |

There is an upper member of the Fort Union, the Tongue River, with water production normally less than a depth of 200' from the surface. There are several shallow water wells drilled for cattle watering and for domestic use that appear to be in this zone. There are not any of these wells in the area of review. There is a water quality sample taken at the Baue Donald located in Section 15, T24N, R57E. Total dissolved solids for this water well located 1.36 miles southeast of Brutus 1-8 were 3,694 ppm. See Exhibit 3. for full analysis.

The Hell Creek and Fox Hill zones act as potential sources of freshwater as well. The depth to the Fox Hills-Lower Hell Creek Aquifer is approximately 1400 to 1600 ft in the area of the Brutus 1-8 per Depth to the Fox Hills – Lower Hell Creek Aquifer, Lower Yellowstone River Area map by Larry Smith which is part of the GWAA 1-2-03 publication dated 1998. Surface casing has been cemented to surface to protect shallower freshwater zones.

Any potential Underground Sources of Drinking Water (USDW) are protected from the proposed injection zone by surface casing set at 1,850 ft MD/TVD and cemented to surface. The production casing was set at 12,592 ft with a two-stage cement job. The first stage cement consisted of 800 sacks of 15.6 ppg cement slurry that resulted in an estimated Top of Cement (TOC) at 9,026 ft. Based on the cement reports from Halliburton, 3 barrels of cement was circulated to surface between stage jobs which means that cement was as shallow as the stage tool at 9,022 ft. The second stage consisted of 630 sacks of 11.8 ppg cement slurry. The well history report documented the TOC at 2,550 ft MD/TVD. Tubing and an injection packer will result in further isolation of fresh USDW from produced water.

1(e) Name and Geologic Description of Injection Zone:

The Brutus 1-8 SWD will be completed for disposal into the Lakota and Dakota formations. See Exhibit 4: Cross Section of Dakota/ Lakota, Exhibit 5: Log of Injection Interval, and Exhibit 6: Water Analysis of Injection Intervals.

Water quality information for the proposed disposal zones in the immediate area of Brutus 1-8 is not available. However, a water sample from the Dakota in RR Lonetree Edna 1-13 SWD located 5.79 miles southwest of the proposed disposal site had total dissolved solids of between 5,173 to 10,352 mg/L, and water from the Dakota and Lakota in the Brutus 1-8 is expected to be similar. The samples from the Edna 1-13 were acquired by swab testing the interval and measuring the TDS for the interval. The upper Dakota water lies between the 3,000 ppm and 10,000 ppm cutoff and will require an aquifer exemption.

Proposed injection zones for the Brutus 1-8 SWD are as follows:

| Formation | Lithology | Top (ft) | Bottom (ft) | Net pay (ft) | Pressure (psi) | Porosity |
|-----------|-----------|----------|-------------|--------------|----------------|----------|
| Dakota | Sandstone | 5,480 | 5,567 | 36 | 2,400 | 6% |
| Lakota | Sandstone | 5,726 | 5,970 | 138 | 2,525 | 9% |

Depth and net pay for each of the proposed injections zones are estimate from the July 3, 2012 Laterlog-Gamma Ray log from the Brutus 1-8. The porosity is based on the density log across the zones of interest in the Pederson #1 well located 1/2 mile south. The porosity was derived from the bulk density curve calculated on a sandstone matrix. Formation pressure was estimated using a water gradient of 0.435 psi/ft.

The confining formations for the proposed injection zones are the Skull Creek for the Dakota and the Fuson for the Lakota. The actual fracture gradients for these confining zones are unknown, but fracture gradients for the confining shale layers are known to be higher than those for the underlying sandstone injection zone.

| Formation | Lithology | Top (ft) | Bottom (ft) |
|-------------|-----------|----------|-------------|
| Skull Creek | Shale | 5,226 | 5,480 |
| Fuson | Shale | 5,567 | 5,726 |

Considering the vertical distance to any USDW and the maximum feasible injection rate that could occur, the likelihood of a fracture extending from the proposed disposal zones to any USDW under any reasonable disposal conditions is considered low.

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

There are no producing wells within the area of review.

1(g) Open Hole Logs:

Logs and geologic information for the Brutus 1-8 well are currently on file with MBOGC. A cement bond log currently exists for Brutus 1-8 with the top of cement at 2,550 ft.

1(h) Description of the Wellbore Construction:

The current configuration of the wellbore, as indicated on the attached diagram, Exhibit 7: Current WBD and Exhibit 8: Proposed WBD. The well currently has collapsed casing at 6,913 ft. A Cast Iron Cement Retainer (CICR) will be set shallower than the collapsed casing to isolate the current Red River perforations. An attempt will be made to squeeze cement below the CICR. If unable to squeeze cement, 30 sx of cement will be placed on top of the CICR.

The interval proposed for disposal will be the Dakota from 5,480-5,567 ft and the Lakota from 5,726 - 5,970 ft. This interval will likely be treated with 15% HCl upon approval of

the permit to facilitate near wellbore debris and aid in injectivity. The well is currently shut in waiting on permit approval.

When the well is recompleted, plastic coated equipment will be used to help mitigate corrosion and the tubing/casing annulus will be filled with packer fluid to protect from corrosion. Pressure gauges will be utilized on both the tubing and the tubing/ casing annulus to monitor pressures. This data will be recorded along with disposal rates and volumes daily.

1(i) Description of Injection Fluid:

The fluid to be injected will consist entirely of water produced with the Bakken in multiple White Rock wells. The anticipated injection volumes will be in the range of 1,000 to 1,500 BWPD. Actual injection rates may vary, and volumes will be determined by the capacity of the well to take the fluid and at what injection pressure. Exhibit 9 is the representative water chemistry analysis of the produced Bakken water. No incompatibilities are expected.

Surface injection pressures will not be allowed to exceed a maximum based on the EPA accepted fracture gradient of 0.733 psi/ ft and the following equation.

$$IP_{MAX} = (FG) (D_{Top}) - (SG) (0.433)(D_{Top})$$

Where: IP_{MAX} = Maximum Surface Injection Pressure (psi)
 FG = Assumed Fracture Gradient in Confining Zone = 0.733 psi/ft
 SG = Specific Gravity of Injection Fluid = 1.18
 D_{Top} = Depth at top of perforated interval of injection zone (ft)

The computed maximum injection pressure would be:

$$IP_{MAX} = (0.733 \text{ psi/ft})(5,480 \text{ ft}) - (1.18) (0.433)(5,480 \text{ ft})$$

$$IP_{MAX} = 1,215 \text{ psi}$$

The computed maximum injection pressure for the Dakota/ Lakota is 1,215 psi. An injection test (step-rate test) will be performed to determine the final injection pressures and volumes to ensure the formation parting pressure (fracture pressure) is not reached during injection operations. In comparison, the Simonsen A 1-4 max injection pressure is 1,317 psi.

1(j) Name of Owners on Record:

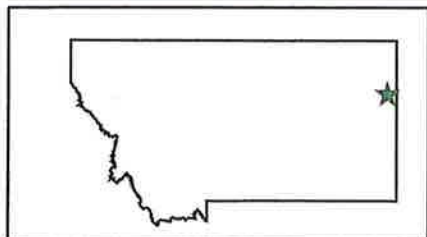
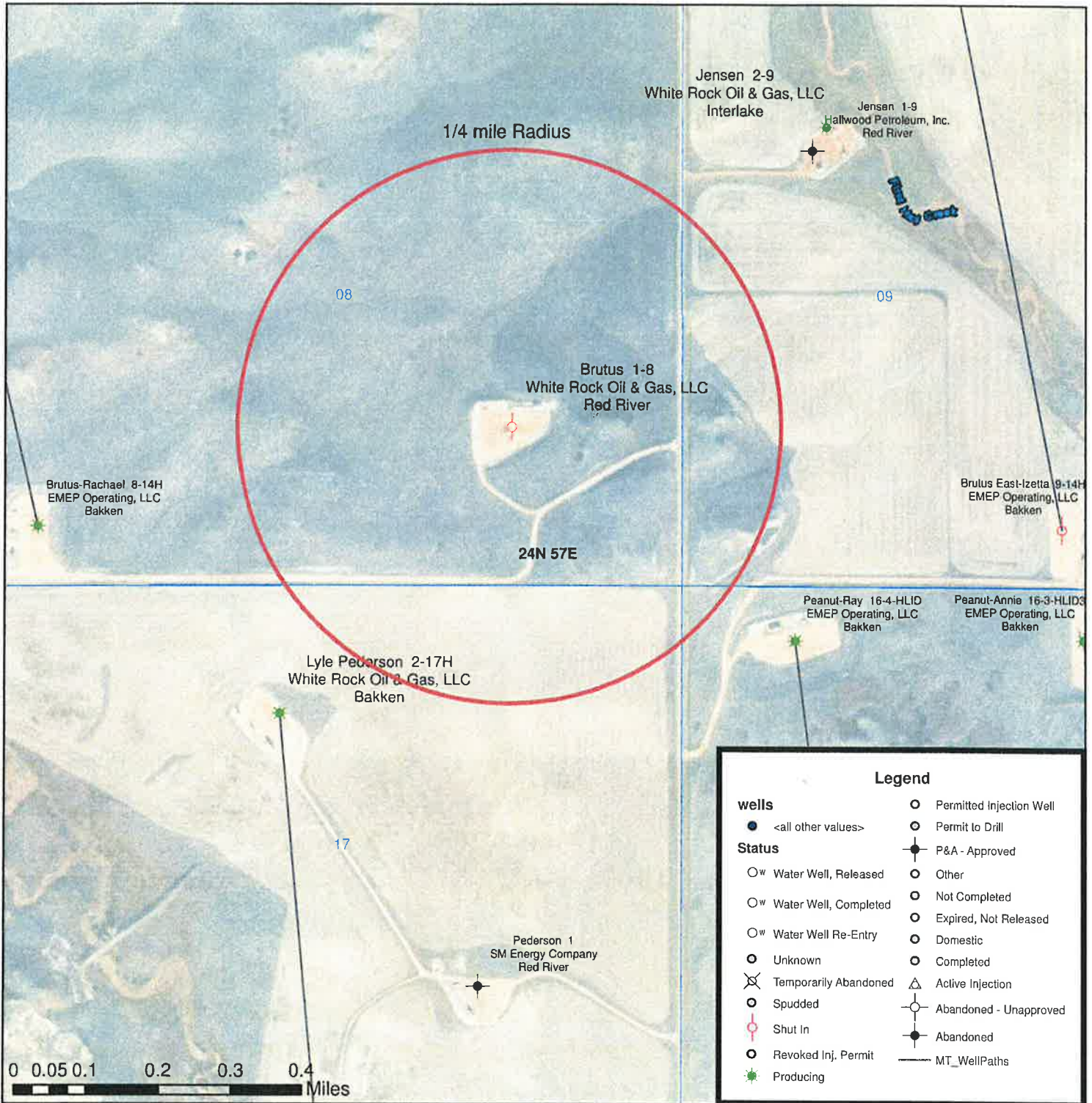
The names and addresses of leasehold and surface owners within the area of review for the proposed injection well are listed in Exhibit 10.

White Rock oil and Gas, LLC. notified surface owners in accordance with 36.22.1410(1) notification requirements for an underground injection permit. The affidavit reflecting this notification is included on Exhibit 11. Additional public notice will be in the Helena Independent Record and Sidney Herald. These affidavits will be sent to MBOG as soon as these notices are printed.

List of Exhibits

| | |
|------------|---|
| Exhibit 1 | Map of General Area with Area of Review (AOR) |
| Exhibit 2 | Map of freshwater wells with Area of Review (AOR) |
| Exhibit 3 | Freshwater sample analysis |
| Exhibit 4 | Geologic Cross Section of the Dakota/ Lakota |
| Exhibit 5 | Log of Injection Intervals |
| Exhibit 6 | Water Analysis of Injection Intervals |
| Exhibit 7 | Current Wellbore Diagram |
| Exhibit 8 | Proposed Wellbore Diagram and Site Facility Diagram |
| Exhibit 9 | Bakken Water analysis |
| Exhibit 10 | Surface Owner List |
| Exhibit 11 | Notification to Surface Owners Letter |
| Exhibit 12 | Affidavit of Notification to Surface Owners |

**Exhibit 1: Map of General Area with
area of review (AOR)
Production Wells**

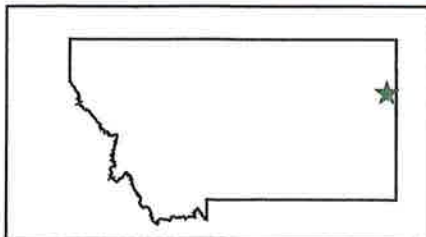
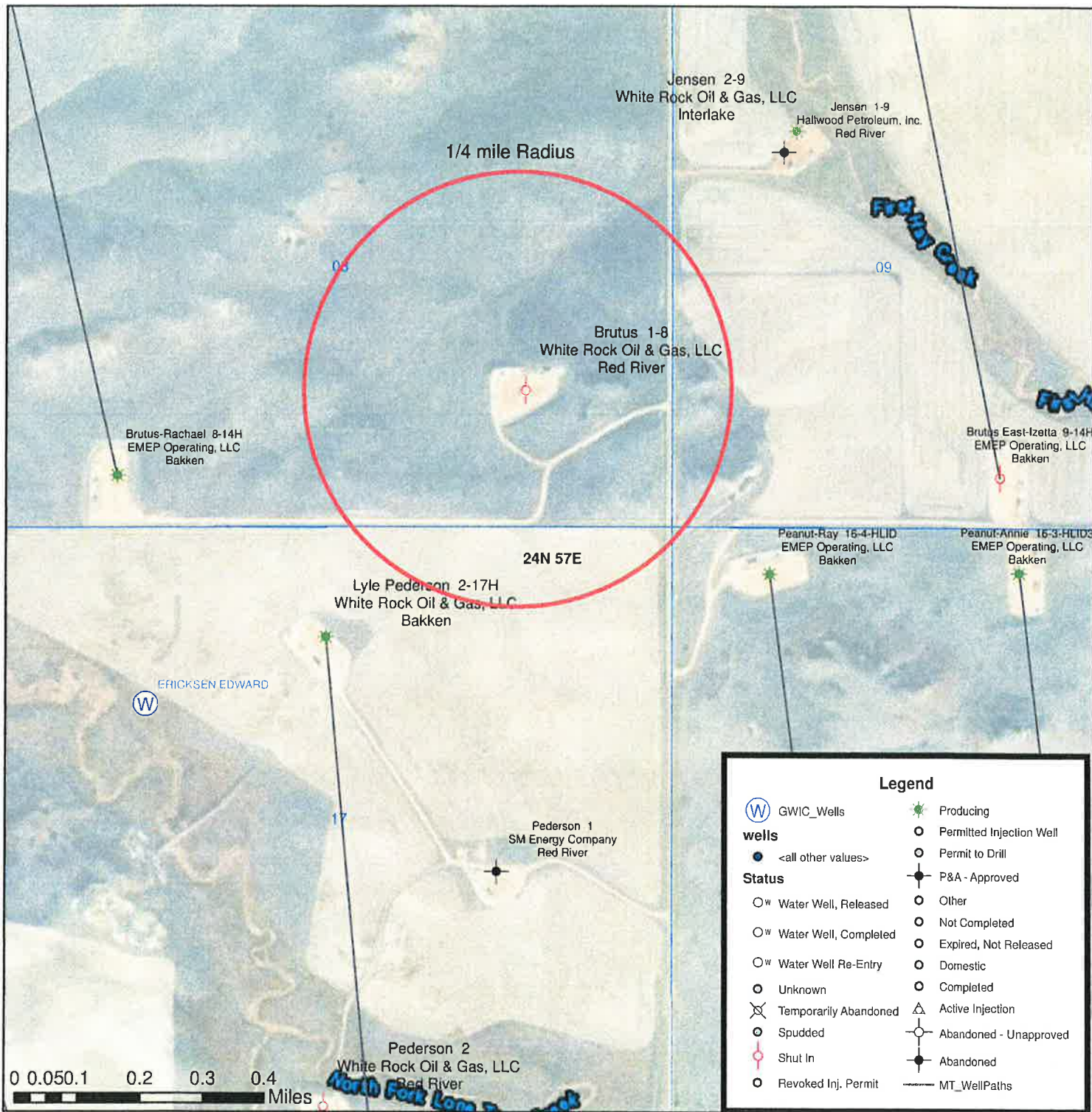


**Brutus 1-8
Proposed Produced Water Injector
Richland County, Montana
739 ft FSL, 831 ft FEL
Sec 8, T24N, R57E**

26-2024

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary SphereDatum: WGS 1984

Exhibit 2: Map of freshwater wells area of review (AOR)



**Brutus 1-8
Proposed Produced Water Injector
Richland County, Montana
739 ft FSL, 831 ft FEL
Sec 8, T24N, R57E**

26-2024

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
 Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
 Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
 Projection: Mercator Auxiliary Sphere Datum: WGS 1984

Exhibit 3: Freshwater Sample Analysis

Ground-Water Information Center Water Quality Report

Site Name: BAUE DONALD

Report Date: 1/10/2024

Compare to Water Quality Standards

Location Information

| | |
|--|---------------------------------------|
| Sample Id/Site Id: 1995Q0537 / 139776 | Sample Date: 5/19/1995 3:00:00 PM |
| Location (TRS): 24N 57E 15 BBC | Agency/Sampler: MBMG / DCM |
| Latitude/Longitude: 47° 50' 37" N 104° 23' 51" W | Field Number: 139776 |
| Datum: NAD27 | Lab Date: 7/7/1995 |
| Altitude: 2360 | Lab/Analyst: MBMG / TSH |
| County/State: RICHLAND / MT | Sample Method/Handling: PUMPED / 4220 |
| Site Type: WELL | Procedure Type: DISSOLVED |
| Geology: 125FRUN | Total Depth (ft): 140 |
| USGS 7.5' Quad: GIRARD 7 1/2' | SWL-MP (ft): NR |
| PWS Id: | Depth Water Enters (ft): 130 |
| Project: GWCP01 | |

Major Ion Results

| | mg/L | meq/L | | mg/L | meq/L |
|----------------------|---------|--------|-----------------------|-----------|--------|
| Calcium (Ca) | 364.000 | 18.164 | Bicarbonate (HCO3) | 596.600 | 9.778 |
| Magnesium (Mg) | 285.500 | 23.494 | Carbonate (CO3) | 0.000 | 0.000 |
| Sodium (Na) | 330.700 | 14.385 | Chloride (Cl) | 4.500 | 0.127 |
| Potassium (K) | 15.900 | 0.407 | Sulfate (SO4) | 2,380.000 | 49.575 |
| Iron (Fe) | 4.700 | 0.168 | Nitrate (as N) | <.25 P | 0.000 |
| Manganese (Mn) | 0.417 | 0.015 | Fluoride (F) | 0.252 | 0.013 |
| Silica (SiO2) | 12.800 | | Orthophosphate (as P) | <1. | 0.000 |
| Total Cations | | 56.910 | Total Anions | | 59.494 |

Trace Element Results (µg/L)

| | | | | | | | |
|-----------------|---------|-----------------|---------|--------------------|-------|-----------------|------------|
| Aluminum (Al): | <30. | Cesium (Cs): | NR | Molybdenum (Mo): | <10. | Strontium (Sr): | 10,000.000 |
| Antimony (Sb): | <2. | Chromium (Cr): | <2. | Nickel (Ni): | 6.800 | Thallium (Tl): | NR |
| Arsenic (As): | <1. | Cobalt (Co): | <2. | Niobium (Nb): | NR | Thorium (Th): | NR |
| Barium (Ba): | 13.900 | Copper (Cu): | 4.700 | Neodymium (Nd): | NR | Tin (Sn): | NR |
| Beryllium (Be): | <2. | Gallium (Ga): | NR | Palladium (Pd): | NR | Titanium (Ti): | <10. |
| Boron (B): | 521.000 | Lanthanum (La): | NR | Praseodymium (Pr): | NR | Tungsten (W): | NR |
| Bromide (Br): | 100.000 | Lead (Pb): | <2. | Rubidium (Rb): | NR | Uranium (U): | NR |
| Cadmium (Cd): | <2. | Lithium (Li): | 139.000 | Silver (Ag): | <1. | Vanadium (V): | <5. |
| Cerium (Ce): | NR | Mercury (Hg): | NR | Selenium (Se): | <1. | Zinc (Zn): | 25.200 |
| | | | | | | Zirconium (Zr): | <20. |

Field Chemistry and Other Analytical Results

| | | | | | |
|-------------------------------------|---------|---|---------|---------------------------------------|-------|
| **Total Dissolved Solids (mg/L): | 3693.62 | Field Hardness as CaCO3 (mg/L): | NR | Ammonia (mg/L): | NR |
| **Sum of Diss. Constituents (mg/L): | 3996.53 | Hardness as CaCO3: | 2084.03 | T.P. Hydrocarbons (µg/L): | NR |
| Field Conductivity (µmhos): | 3960 | Field Alkalinity as CaCO3 (mg/L): | 480 | PCP (µg/L): | NR |
| Lab Conductivity (µmhos): | 3420 | Alkalinity as CaCO3 (mg/L): | 489.64 | Phosphorus, TD (mg/L): | NR |
| Field pH: | 7.15 | Ryznar Stability Index: | 5.068 | Field Nitrate (mg/L): | NR |
| Lab pH: | 7.43 | Sodium Adsorption Ratio: | 3.1549 | Field Dissolved O2 (mg/L): | 7.200 |
| Water Temp (°C): | 9.5 | Langlier Saturation Index: | 1.181 | Field Chloride (mg/L): | NR |
| Air Temp (°C): | NR | Nitrite (mg/L as N): | NR | Field Redox (mV): | 100.3 |
| Nitrate + Nitrite (mg/L as N) | NR | Hydroxide (mg/L as OH): | NR | Lab, Dissolved Organic Carbon (mg/L): | NR |
| Total Kjeldahl Nitrogen (mg/L as N) | NR | Lab, Dissolved Inorganic Carbon (mg/L): | NR | Lab, Total Organic Carbon (mg/L): | NR |
| Total Nitrogen (mg/L as N) | NR | Acidity to 4.5 (mg/L CaCO3) | NR | Acidity to 8.3 (mg/L CaCO3) | NR |
| As(III) (ug/L) | NR | As(V) (ug/L) | NR | Total Susp Solids (mg/L) | NR |

Additional Parameters

| | | | | | |
|------------------------|---------|--------------------------|-------|----------------------------|-----|
| Alkalinity Fld (CaCO3) | 480.000 | Oxygen Dis Field(mg/L-O) | 7.200 | Phosphate T Dis (mg/L - P) | L.2 |
| Redox Potential (Mv) | 100.300 | | | | |

Sample Condition: CLEAR

Field Remarks:

Lab Remarks:

Notes

Explanation: mg/L = milligrams per Liter; µg/L = micrograms per Liter; ft = feet; NR = No Reading in GWIC

Qualifiers: A = Hydride atomic absorption; E = Estimated due to interference; H = Exceeded holding time; J = Estimated quantity above detection limit but below reporting limit; K = Na+K combined; N = Spiked sample recovery not within control limits; P = Preserved sample; S = Method of standard additions; U = Undetected quantity below detection limit; * = Duplicate analysis not within control limits; ** = Sum of Dissolved Constituents is the sum of major cations (Na, Ca, K, Mg, Mn, Fe) and anions (HCO3, CO3, SO4, Cl, SiO2, NO3, F) in mg/L. Total Dissolved Solids is reported as equivalent weight of evaporation residue.

Disclaimer

These data represent the contents of the GWIC databases at the Montana Bureau of Mines and Geology at the time and date of the retrieval. The information is considered unpublished and is subject to correction and review on a daily basis. The Bureau warrants the accurate transmission of the data to the original end user. Retransmission of the data to other users is discouraged and the Bureau claims no responsibility if the material is retransmitted.

26-2024

Exhibit 4: Geologic Cross Section of the Dakota/ Lakota

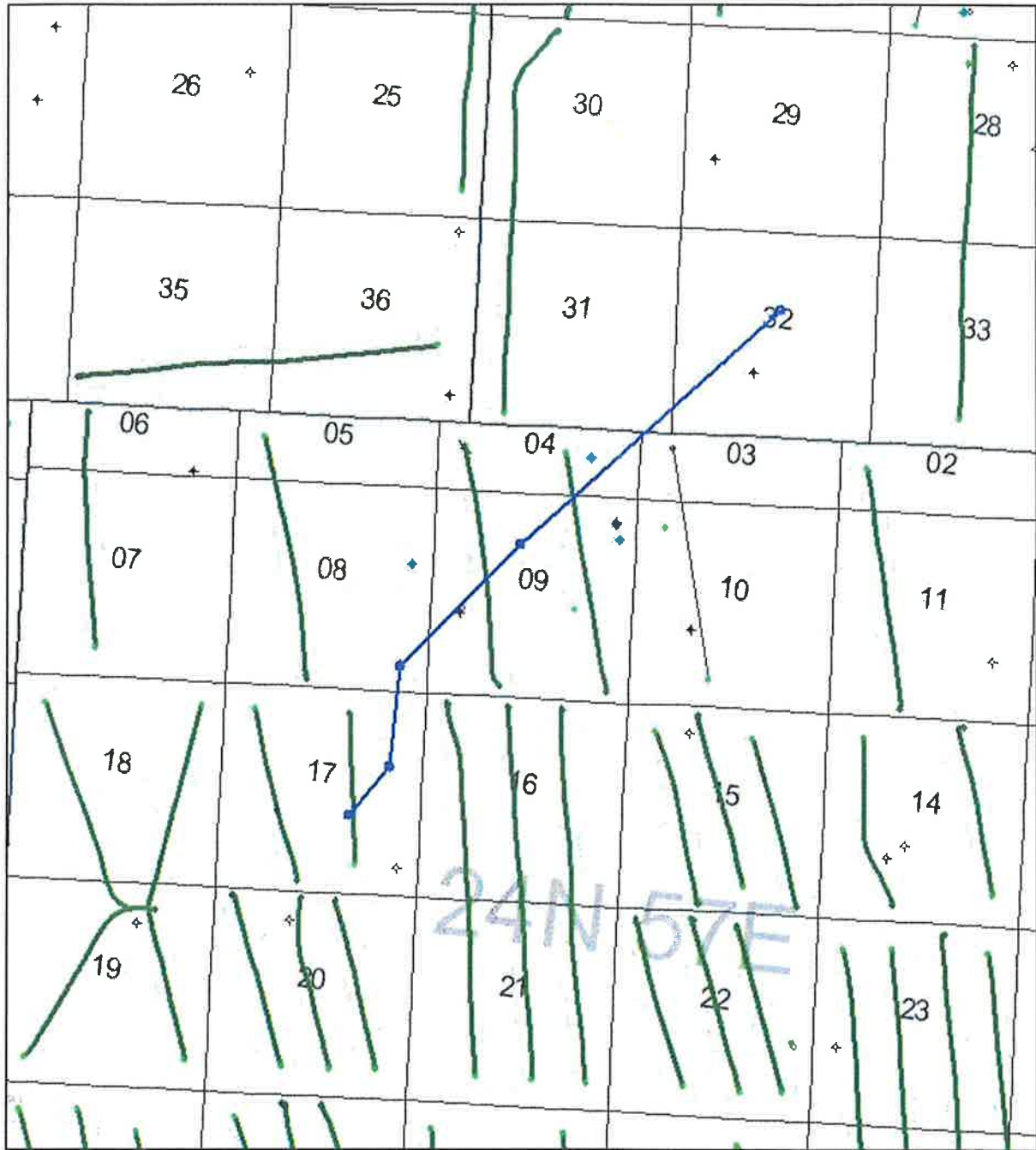
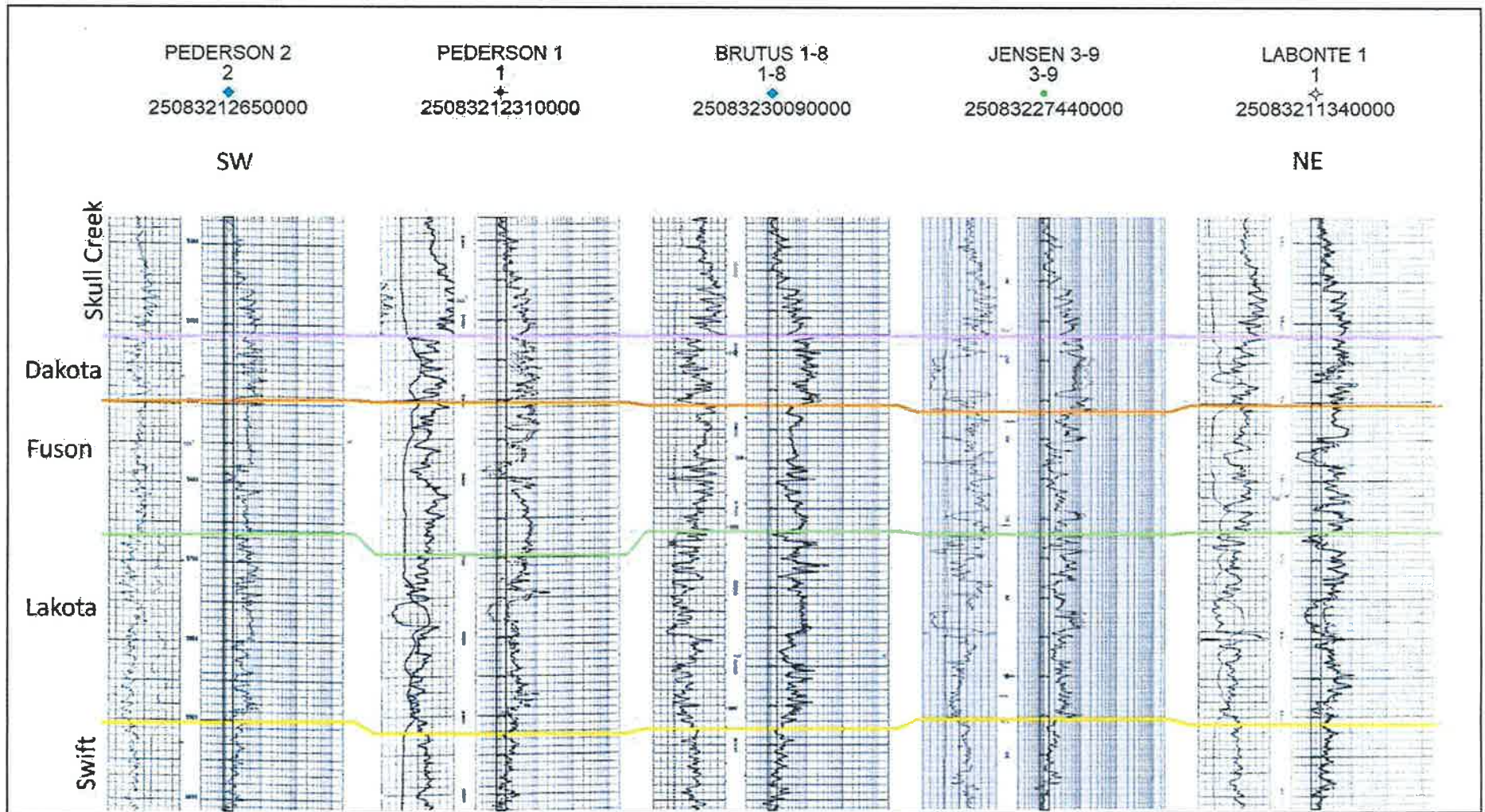


Exhibit 4: Geologic Cross Section of the Dakota/ Lakota





FILE NO: 04058941
 COMPANY: ENCORE ENERGY PARTNERS
 WELL: BRUTUS-1-8
 FIELD: LONE TREE CREEK
 COUNTY: RICHLAND
 STATE: MONTANA

Version: MT PERMIT: 30116
 LOCATION: 739' FSL & 831' FEL
 SEC 8 TWP 24 N RGE 57 E
 OTHER SERVICES: COMPOSITE ZXL-CN-CR BHP

PERMANENT DATUM: GL ELEVATION 2428 FT
 LOG MEASURED FROM: KB 18 FT ABOVE P.D.
 DRILL MEAS. FROM: KB
 ELEVATIONS: KB 2446 FT, DF, GL 2428 FT

| | |
|------------------------|--------------------|
| DATE | 03-JUL-2012 |
| RUN | 1 |
| TRIP | 1 |
| SERVICE ORDER | 574878 |
| DEPTH DRILLER | 12500 FT |
| DEPTH LOGGER | 12505 FT |
| BOTTOM LOGGED INTERVAL | 12500 FT |
| TOP LOGGED INTERVAL | 50 FT |
| ASING DRILLER | 9.825 IN @ 1803 FT |
| ASING LOGGER | 1801 FT |
| T SIZE | 8.75 IN |
| PE OF FLUID IN HOLE | OSM |
| DENSITY | 10.1 LB/G |
| VISCOSITY | 50 S |
| FLUID LOSS | NA |
| DURGE OF SAMPLE | NA |
| I AT MEAS. TEMP. | NA |
| WF AT MEAS. TEMP. | NA |
| WC AT MEAS. TEMP. | NA |
| DURGE OF RNF | NA |
| I AT BHT | NA |
| ME SINCE CIRCULATION | 12.5 |
| AX. RECORDED TEMP. | 242 DEGF |
| RUP. NO. | HL-6744 |
| LOCATION | WILLISTON |
| RECORDED BY | LANCE SCHUBERT |
| WITNESSED BY | TOBY HARLEY |

RECEIVED
 OCT 16 2012
 MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

| GR BACKUP | |
|----------------|-----|
| GAMMA RAY [gr] | 150 |
| (gAPI) | |
| CALIPER [cal] | 16 |
| (in) | |
| BIT SIZE | 16 |
| (in) | |

| | |
|-------------------------------------|-------------------------|
| 2FT. Matched Resolution Resistivity | |
| 0.2 | 10 in. DOI [m2r1] 2000 |
| | (ohm.m) |
| 0.2 | 20 in. DOI [m2r2] 2000 |
| | (ohm.m) |
| 0.2 | 30 in. DOI [m2r3] 2000 |
| | (ohm.m) |
| 0.2 | 60 in. DOI [m2r6] 2000 |
| | (ohm.m) |
| 0.2 | 90 in. DOI [m2r9] 2000 |
| | (ohm.m) |
| 0.2 | 120 in. DOI [m2rx] 2000 |
| | (ohm.m) |

26-2024

Exhibit 5: Log of Injection Intervals

BVOL

10
100
1000

CVOL

10
100
1000

CSG

1900

1300

TGS ^{ADD}

5200

SKULLCREEK [MBOG]=5226.0

4202-92

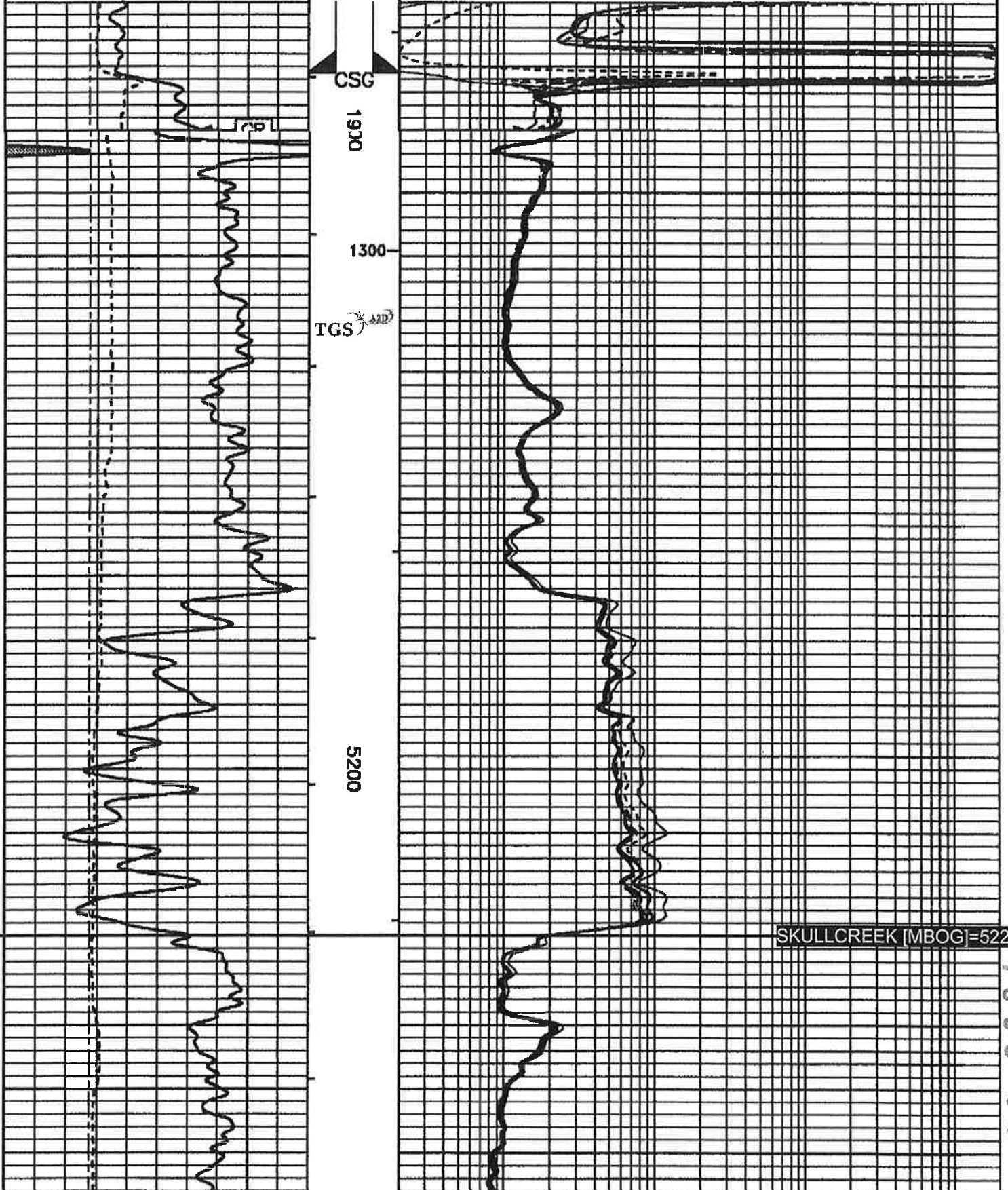
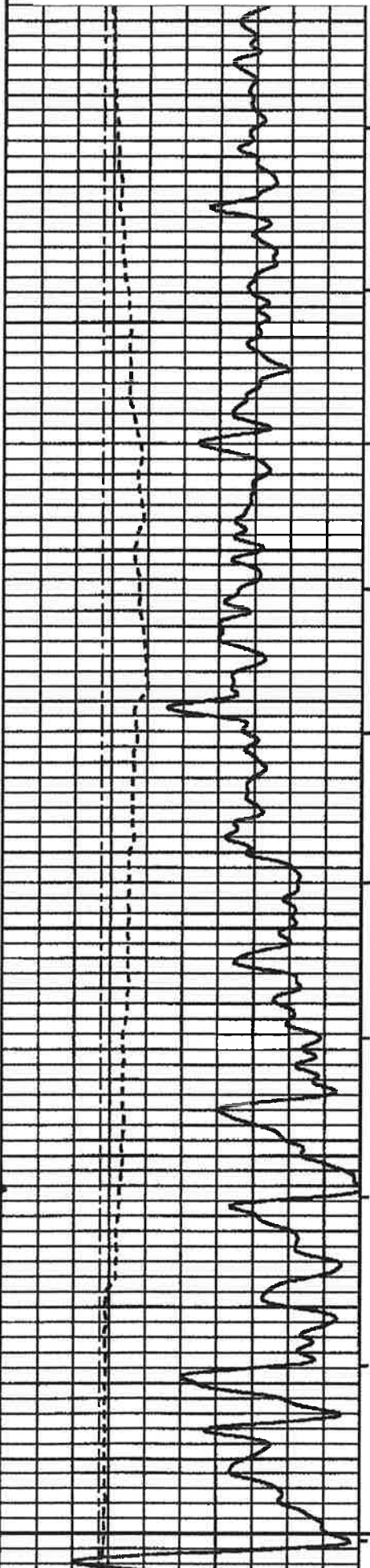
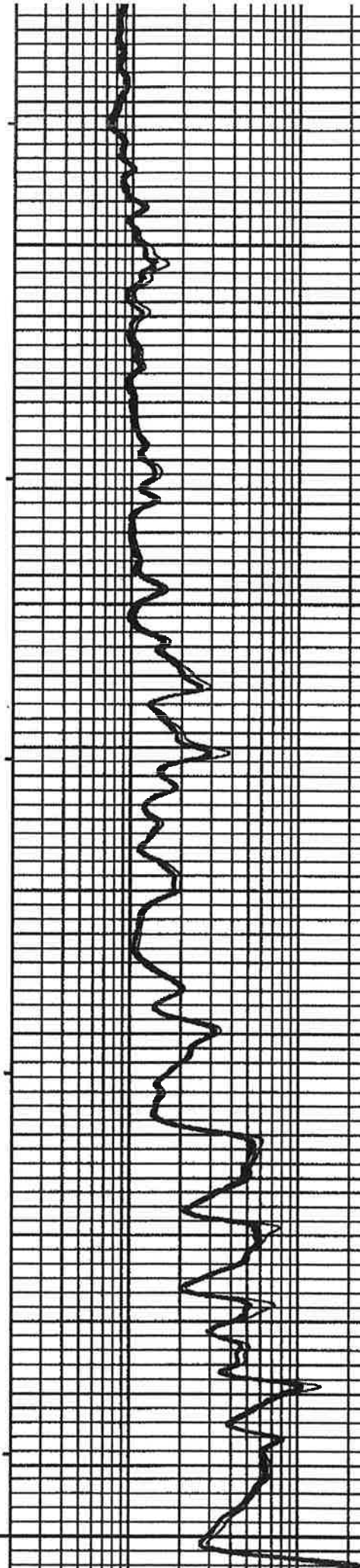


Exhibit 5: Log of Injection Intervals



3200
5300

5400



MT-DAKOTA [BK]=5480.0

4202-02

Exhibit 5: Log of Injection Interval

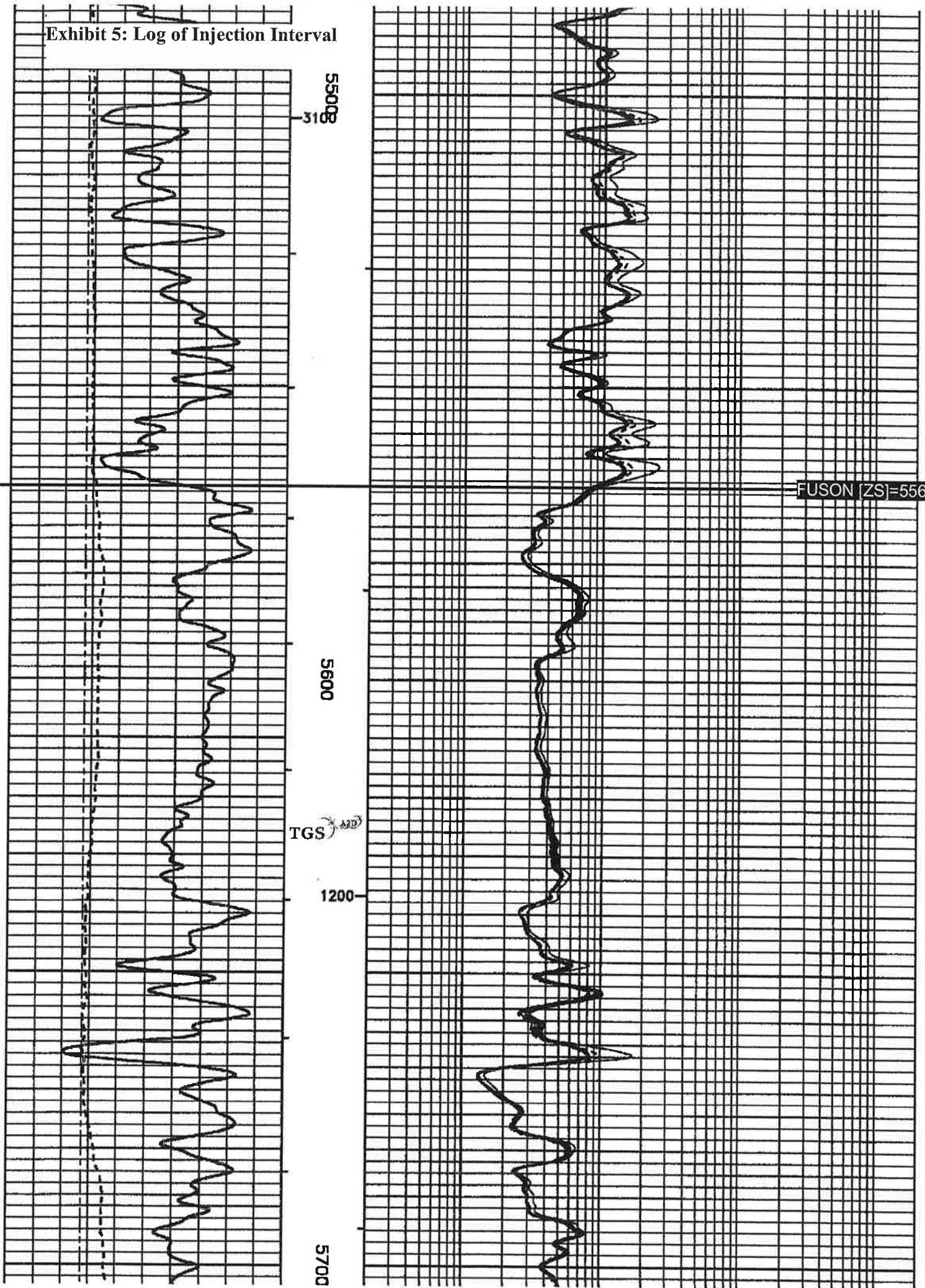
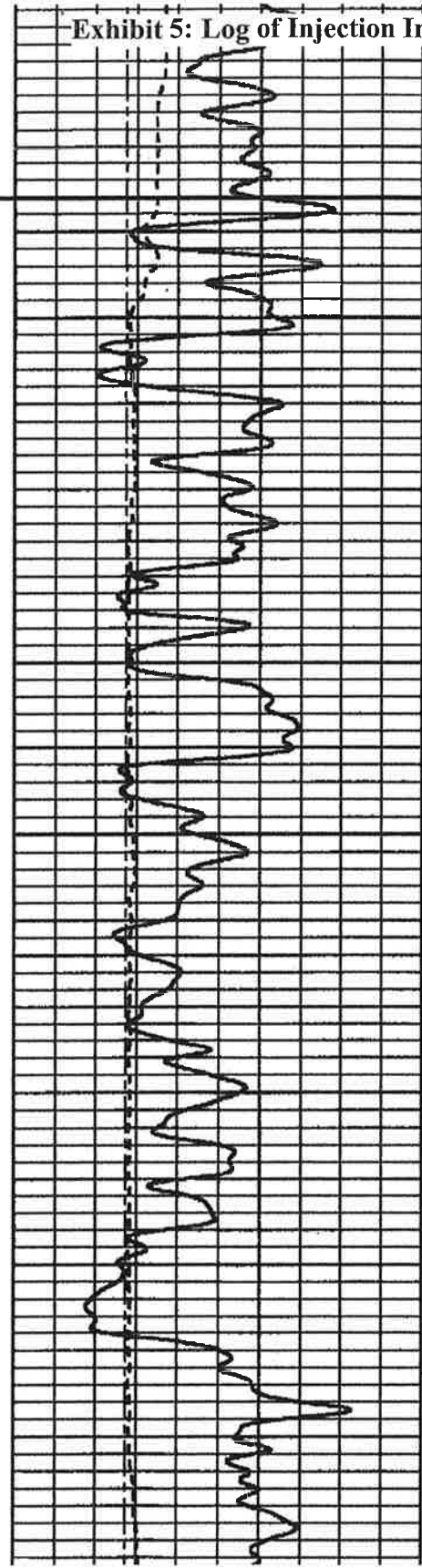


Exhibit 5: Log of Injection Intervals



3000

5800

MT-LAKOTA [MBOGC]-5726.0

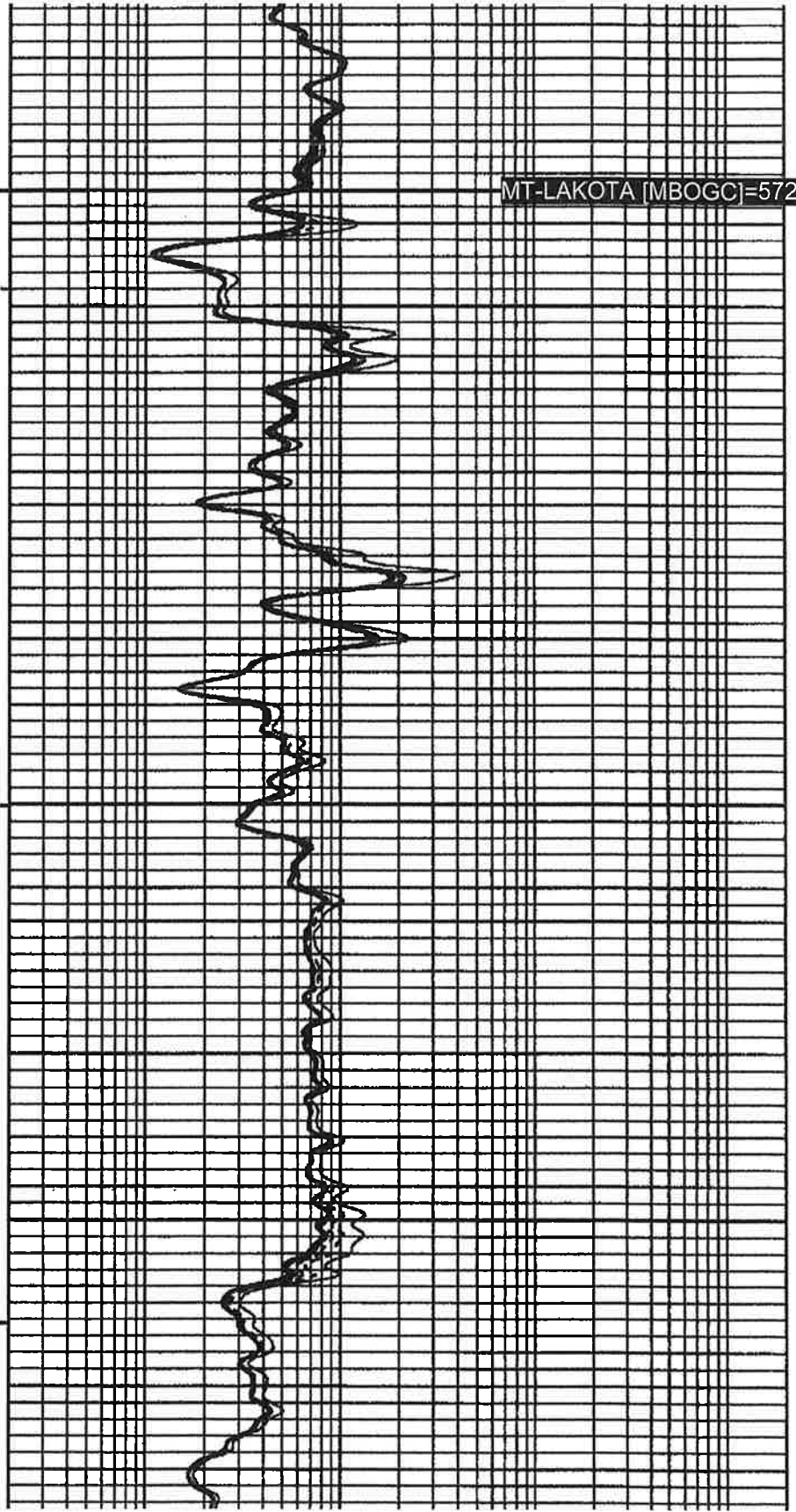


Exhibit 6: Water Analysis of Injection Interval- Swab results of a nearby well to Brutus 1-8

SATHE ANALYTICAL LABORATORY, INC.

303 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND. 58901

701-572-3633

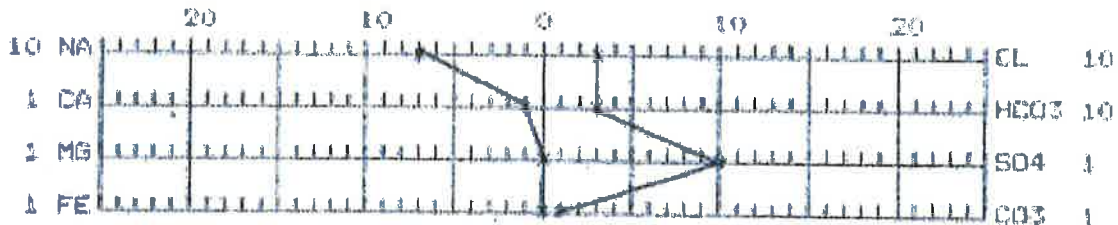
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS L.P. DATE: 4/8/09
WELL NO. LONE TREE EDNA 1-13 LAB NO.: W-09-1703
FIELD: not listed FORMATION: Upper Dakota
COUNTY: Richland INTERVAL: 3588-3608
STATE: MT DST #:
LOC: not listed SAMPLE RUN #9-SAMPLE 65 BBLS OUT

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 1710.0 | 74.4 | CHLORIDE | 1125.5 | 31.7 |
| CALCIUM | 13.0 | 0.6 | CARBONATE | 24.0 | 0.8 |
| MAGNESIUM | 3.8 | 0.3 | BICARBONATE | 1977.0 | 32.4 |
| IRON | 0.6 | 0.0 | SULFATE | 436.8 | 9.5 |
| POTASSIUM | 11.8 | 0.3 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.88
RESISTIVITY @ 77°F, ohm-meters 1.558 NACL (Calc.) 1855.9
TOTAL DISSOLVED SOLIDS (Calc.) MG/L 5322.6 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - Run #9 Sample 65 BBLS out.
Received 4/8/09.

DISTRIBUTION OF RESULTS
Rocky Gorder -- Sidney MT.
Lynn Sundby -- Halliburton - Williston ND.

Exhibit 6: Water Analysis of Injection Interval- Swab results of a nearby well to Brutus 1-8

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND, 58801

701-572-3632

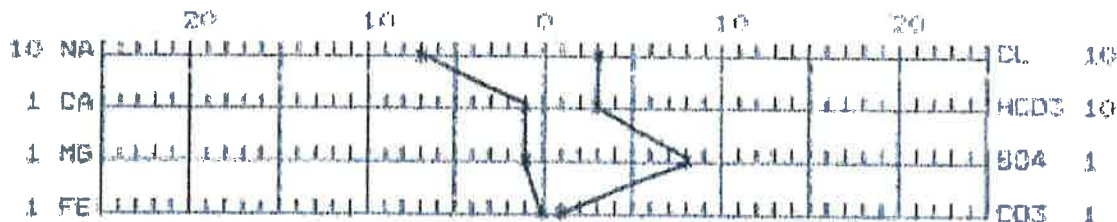
WATER ANALYSIS REPORT

| | | | |
|-----------|---------------------|-------------------------------------|--------------|
| OPERATOR: | ENERPLUS L.P. | DATE: | 4/8/09 |
| WELL NO. | LONE TREE EDNA 1-13 | LAB NO.: | W-09-1705 |
| FIELD: | not listed | FORMATION: | Upper Dakota |
| COUNTY: | Richland | INTERVAL: | 5500-5600 |
| STATE: | MT | DST #: | |
| LOG: | not listed | SAMPLE RUN #16-SAMPLE 130 BBL5 BACK | |

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 1680.0 | 73.1 | CHLORIDE | 1114.7 | 31.4 |
| CALCIUM | 14.8 | 0.7 | CARBONATE | 31.9 | 1.1 |
| MAGNESIUM | 7.6 | 0.6 | BICARBONATE | 1922.1 | 51.9 |
| IRON | 1.2 | 0.1 | SULFATE | 391.2 | 8.1 |
| POTASSIUM | 9.9 | 0.3 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

| | | | |
|-------------------------------------|--------|------------------|--------|
| SPECIFIC GRAVITY @ 77°F | 1.000 | PH | 7.85 |
| RESISTIVITY @ 77°F, ohm-meters | 1.569 | NACL (Calc.) | 1038.1 |
| TOTAL DISSOLVED SOLIDS (Calc.) MG/L | 5173.0 | HYDROGEN SULFIDE | NEG |

WATER ANALYSIS PATTERN MEQ/L



REMARKS - Run #16 Sample 130 BBL5 Back.
Received 4/8/09.

DISTRIBUTION OF RESULTS
Rocky Gorder -- Sidney MT.
Lynn Sundry -- Halliburton - Williston ND.

Exhibit 6: Water Analysis of Injection Interval- Swab results of a nearby well to Brutus 1-8

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

F.O. BOX 1527
WILLISTON, ND. 58801

701-572-3632

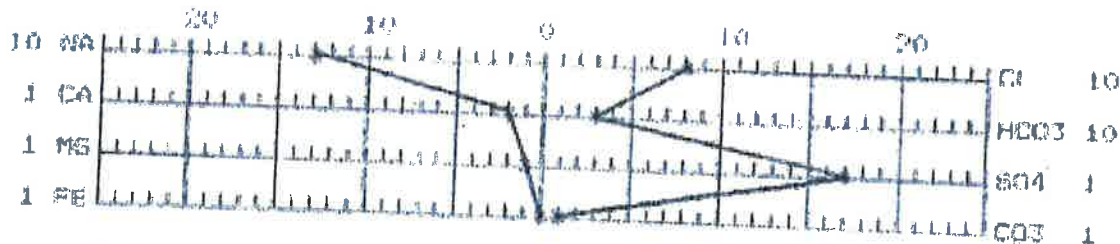
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE: 4/7/09
 WELL NO. LONE TREE EDNA 1-13 LAB NO.: W-09-1693
 FIELD: not listed FORMATION: Lower Dakota
 COUNTY: Richland INTERVAL: 5844'-5864'
 STATE: MT DST #:
 LOC: not listed SAMPLE 5th SWAB RUN-FORMATION 4/6/09

| CATIONS | | | ANIONS | | |
|-----------|--------|-------|-------------|--------|-------|
| | MG/L | MEQ/L | | MG/L | MEQ/L |
| SODIUM | 2080.0 | 125.3 | CHLORIDE | 2921.9 | 82.4 |
| CALCIUM | 37.0 | 1.8 | CARBONATE | 18.0 | 0.6 |
| MAGNESIUM | 13.4 | 1.1 | BICARBONATE | 1762.5 | 27.9 |
| IRON | 2.1 | 0.1 | SULFATE | 827.7 | 17.2 |
| POTASSIUM | 49.2 | 1.3 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.79
 RESISTIVITY @ 77°F, ohm-centimeters 1.018 NACL (Calc.) 4816.2
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 8451.8 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - 5th RUN SWAB - FORMATION SAMPLE 4/6/09.
 Received 4/7/09.

DISTRIBUTION OF RESULTS
 Rocky Border -- Sidney MT.
 Lynn Sundby -- Halliburton - Williston ND.

Exhibit 6: Water Analysis of Injection Interval- Swab results of a nearby well to Brutus 1-8

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

WILLISTON, ND, 58803

701-572-3632

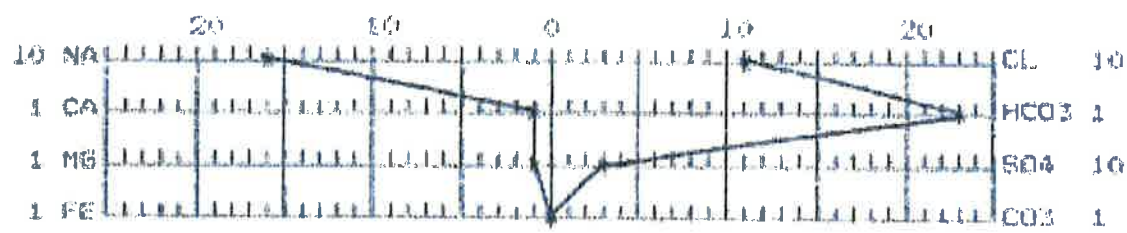
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE: 4/7/09
 WELL NO.: LONG TREE EDNA 1-13 LAB NO.: W-09-1694
 FIELD: not listed FORMATION: Lower Dakota
 COUNTY: Richland INTERVAL: 5844'-5964'
 STATE: MT DST #:
 LOC: not listed SAMPLE 11TH SWAB RUN-TOTAL 105 BBLs

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 3580.0 | 155.7 | CHLORIDE | 3766.1 | 106.2 |
| CALCIUM | 29.6 | 1.5 | CARBONATE | 0.0 | 0.0 |
| MAGNESIUM | 11.4 | 0.9 | BICARBONATE | 1415.7 | 25.2 |
| IRON | 0.2 | 0.0 | SULFATE | 1532.2 | 31.9 |
| POTASSIUM | 17.4 | 0.4 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.55
 RESISTIVITY @ 77°F, ohm-meters 0.912 NACL (Calc.) 6210.2
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 10552.5 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN -- MEQ/L



REMARKS - 11th RUN SWAB - TOTAL 105 BBL 4/7/09.
 Received 4/7/09.

DISTRIBUTION OF RESULTS
 Rocky Gordan -- Bidney MT.
 Lynn Sundby -- Halliburton - Williston ND.

Exhibit 7: Current Wellbore Diagram



Wellbore Diagram

| | |
|------------------|---|
| Lease & Well No. | Brutus 1-8 |
| Field Name | Lone Tree Creek |
| Location | 739' FSL, 831' FEL, SESE, Section 8 TWN 24N, RGE 57E 47.8506141392732, -104.424928502805 |

| | |
|-----------------|---------------------------|
| Status: | Shut in/ collapsed casing |
| County & State: | Richland County, MT |
| API No: | 25-083-23009 |
| NDIC/ FEDERAL: | N/A |
| Pool Name: | Red River |

Well Information

| | | | | | |
|--------------|-----------|-------------------|-----------------|--------------|---------|
| Spud: | 6/14/2012 | Ground Elevation: | 2,429' | Total Depth: | 12,592' |
| Completed: | 9/5/2012 | KB Elevation: | 2,446' (17' KB) | TVD: | 12,588' |
| Recompleted: | N/A | | | S/T Depth: | N/A |
| Slidetrack: | N/A | | | S/T TVD: | N/A |

Pipe Data

| Surface | | | | | | |
|-----------------------------------|---|-----------|------------|-----------|----------------|---|
| Hole Size | Depth | Size (OD) | Weight | Grade | Sx Cmt | Comments |
| 13-1/2" | 1,850' | 9-5/8" | 36 PPF | K-55 | 675 sx | SURFACE |
| Production | | | | | | |
| Hole Size | Depth | Size (OD) | Weight | Grade | Sx Cmt | Comments |
| 8-3/4" | 12,592' | 5-1/2" | 20, 23 PPF | L-80 P110 | 800 sx, 630 sx | 2 stage job, DV @ 9022' TOC @ 2,550' CBL |
| Downhole Tubulars (Top to Bottom) | | | | | | |
| Tubing | 210 JTS 2-7/8" L-80 @ ~6,779', 55MSN @ 6,803', 4' Perf'd Sub, BP @ 6,808'. | | | | | |
| Rods | 109 - 1" N97, 127 - 7/8" N97, 27 - 3/4" N97, 2.5-1.5-RHBM DV - 24X24.3X26.3 | | | | | |

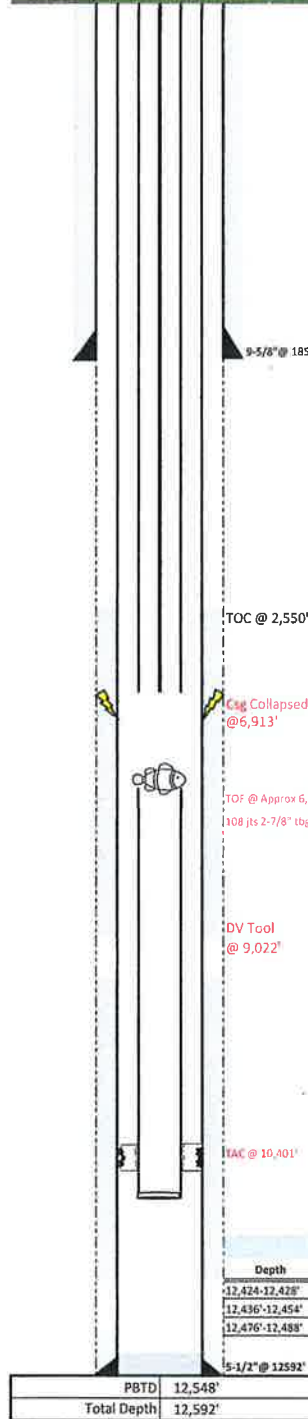
Surface Equipment

| Artificial Lift Info | Prime Mover | Separator | Tanks |
|----------------------|-------------|-----------|-------|
| C912-365-168 | WEG 100 HP | | |

Brutus 1-8 Well History

| Date | Event | Description |
|------------|-----------------|---|
| 6/14/2012 | SPUD | Spud well |
| 8/21/2012 | COMP | Perf 12476-488, 12424-428, 12436-454. Set packer at 12375'. Acidiz IP = 37 BOPDe w/ 3500 gal 15% HCL. Rig up to swab, FLFS @ 4,500' on first run. Acidized with 4500 gal of 15% HCL and 150 1.1 SG Balls. Put well on pump. No indications of swab results. IP = 37 BOPD |
| 11/19/2012 | No Failure | Respaced well, the pumping unit crew spaced out too high |
| 1/25/2013 | Pump Efficiency | Pump salted in tubing. Pulled tubing to make repairs. LD packer and gas separator. RIW w/ 5.5" TAC, mud anchor, and diptube. Hydrotest to 7000 psi and RTP |
| 3/26/2013 | TBG-Collar | 27th joint above MSN had washed pin and collar. Hydrotested tubing at 7000. |
| 4/20/2013 | Pump Efficiency | Down size pump to a 2-1/2"x1-1/2"x20"x22"x26" RHBM |
| 8/15/2013 | ROD-Box | 15th 1" box parted. Fish and hang, no pump pull. 25 bbls to fill tbg. |
| 9/5/2013 | ROD-Box | 27th 1" box parted. Fish and send pump to Wilson for repair. Picked up on tbg, TAC still set. 42 bbls to fill. |
| 10/17/2013 | ROD-Box | 42nd 1" box parted. Fish and hang, no pump pull. 40 bbls to fill. |
| 4/11/2014 | ROD-Pin | Parted rods - 19th 7/8" pin parted. Lay down 67-1" and 11-7/8" rods and replace w/ 78- new 3/4" N97 rods. 1 1/2" pump spaced @ 36". 24 bbls to fill. |
| 4/30/2014 | ROD-Box | Rod part - 2nd 1 1/2" k-bar above pump had parted fishing neck. Replaced 4 k-bar, R&R pump. Pump spaced @ 45". 30 bbls to fill. Slowed unit down to 5 stroke/min. |
| 9/21/2015 | ROD-Box | Rod part - 26th 1" rod box was parted. TAC was sheared. Replaced bottom 5 jts 2 7/8" L-80 tbg above the MSN w/ new due to rod wear. (Did not hydrotest). Moved TAC uphole 2 jts and set @ 10401.77' KB in 20k tension w/ 46" stretch. 1 1/2" pump set @ 10467.42' KB, spaced @ 45". 34 bbls to fill. |
| 12/14/2015 | ROD-Box | Rod part- 68th 1" rod box parted. Fish and hang well on, did NOT change |
| 4/13/2016 | UNIT | Change wristpins, bored and sleeved right-long hole on pumping unit. |
| 4/7/2017 | TBG-Hole | Tbg parted = left 108 jts plus 30' 5-1/2" TAC, 2 jts 2-7/8" L-80 tubing. Csg collapsed at 6913' Could not get 1-11/16" tools through. Ran 210 joints 2-7/8" L-80 tubing, MSN, 4' perf sub with bull plug, BCT @ 6808 KB. LD (12) 1-1/2" kbar, (141) 3/4" rods. Ran rest of rod string in the hole |

Current Status: Inactive



| Formation Tops (WL MD) | |
|------------------------|---------|
| Skull Creek | 5,226' |
| Dakota | 5,480' |
| Fuson | 5,567' |
| Lakota | 5,726' |
| Kibbey | 8,124' |
| Ratcliffe | 8,958' |
| Mission Canyon | 9,098' |
| Upper Bakken | 10,350' |
| Middle Bakken | 10,358' |
| Three Forks | 10,406' |
| Nisku | 10,544' |
| Duperow | 10,624' |
| Interlake | 11,518' |
| Red River | 12,258' |
| Red River "D" | 12,396' |

| Casing Sz/Wt/Gr | Depths |
|-----------------------|-------------------|
| 5-1/2", L80, 20 PPF | Surface to 6,406' |
| 5-1/2", P-110, 23 PPF | 6,406' - 9,022' |
| DV | 9,022' |
| 5-1/2", L80, 20 PPF | 9,022' - 12,592' |

| Logs | |
|---|--|
| Induction/GR/Caliper, Compensated Z | |
| Densilog/ Neutron/ GR/ Caliper/ Borehole profile/ Mud log/ CBL/ GR/ CCL | |

| Red River (Ordovician) | |
|------------------------|--------|
| Cum Oil (bbls) | 33,000 |
| Cum Gas (MCF) | |
| Cum Water (bbls) | 54,140 |

| Red River | | | |
|----------------|-------|-----------|---------------------------|
| Depth | SPF | Date | Details |
| 12,424-12,428' | 4 SPF | 8/21/2012 | 4500 gal 15% HCl at 4 BPM |
| 12,436-12,454' | 4 SPF | 8/21/2012 | |
| 12,476-12,488' | 4 SPF | 8/21/2012 | |

| | |
|-------------|---------|
| PBTD | 12,548' |
| Total Depth | 12,592' |

Exhibit 8: Proposed Wellbore Diagram and Site Facility Diagram

Wellbore Diagram

WHITE ROCK OIL & GAS

| | |
|------------------|--|
| Lease & Well No. | Brutus 1-8 |
| Field Name | Lone Tree Creek |
| Location | 739' FSL, 831' FEL, SESE, Section 8 TWN 24N, RGE 57E |
| | 47.8506141392732, -104.424928502805 |

| | |
|-----------------|---------------------|
| Status: | Proposed SWD |
| County & State: | Richland County, MT |
| API No: | 25-083-23009 |
| NDIC/ FEDERAL: | N/A |
| Pool Name: | Dakota Injector |

Well Information

| | | | | | |
|--------------|-----------|-------------------|-----------------|--------------|---------|
| Spud: | 6/14/2012 | Ground Elevation: | 2,429' | Total Depth: | 12,592' |
| Completed: | 9/5/2012 | KB Elevation: | 2,446' (17' KB) | TVD: | 12,588' |
| Recompleted: | N/A | | | S/T Depth: | N/A |
| Sidetrack: | N/A | | | S/T TVD: | N/A |

Pipe Data

| Surface | | | | | | |
|-----------------------------------|--|-----------|------------|-----------|----------------|---|
| Hole Size | Depth | Size (OD) | Weight | Grade | Sx Cmt | Comments |
| 13-1/2" | 1,850' | 9-5/8" | 36 PPF | K-55 | 675 sx | SURFACE |
| Production | | | | | | |
| Hole Size | Depth | Size (OD) | Weight | Grade | Sx Cmt | Comments |
| 8-3/4" | 12,592' | 5-1/2" | 20, 23 PPF | L-80 P110 | 800 sx, 630 sx | 2 stage job, DV @ 9022' TOC @ 2,550' CBL |
| Downhole Tubulars (Top to Bottom) | | | | | | |
| Tubing | 210 JTS 2-7/8" L-80 @ ~6,779', SSMSN @ 6,803', 4' Perf'd Sub, BP @ 6,808'. | | | | | |
| Rods | N/A | | | | | |

Surface Equipment

| Artificial Lift Info | Prime Mover | Separator | Tanks |
|----------------------|-------------|-----------|-------|
| N/A | N/A | N/A | |

Brutus 1-8 Well History

| Date | Event | Description |
|------------|-----------------|---|
| 6/14/2012 | SPUD | Spud well |
| 8/21/2012 | COMP | Perf 12476-488, 12424-428, 12436-454. Set packer at 12375'. Acidiz IP = 37 BOPDe with 3500 gal 15% HCL. Rig up to swab, FLFS @ 4,500' on first run. Acidized with 4500 gal of 15% HCL and 150 1.1 SG Balls. Put well on pump. No indications of swab results. IP = 37 BOPD |
| 11/19/2012 | No Failure | Respaced well, the pumping unit crew spaced out too high |
| 1/25/2013 | Pump-Efficiency | Pump salted in tubing. Pulled tubing to make repairs. LD packer and gas separator. RIW with 5.5" TAC, mud anchor, and diptube. Hydrotest to 7000 psi and RTP |
| 3/26/2013 | TBG-Collar | 27th Joint above MSN had washed pin and collar. Hydrotested tubing at 7000. |
| 4/20/2013 | Pump-Efficiency | Down size pump to a 2-1/2"x1-1/2"x 20"x22"x26' RHBM |
| 8/15/2013 | ROD-Box | 15th 1" box parted. Fish and hang, no pump pull. 25 bbls to fill tbg. |
| 9/5/2013 | ROD-Box | 27th 1" box parted. Fish and send pump to Wilson for repair. Picked up on tbg, TAC still set. 42 bbls to fill. |
| 10/17/2013 | ROD-Box | 42nd 1" box parted. Fish and hang, no pump pull. 40 bbls to fill. |
| 4/11/2014 | ROD-Pin | Parted rods - 19th 7/8" pin parted. Lay down 67- 1" and 11- 7/8" rods and replace w/ 78- new 3/4" N97 rods. 1 1/2" pump spaced @ 36". 24 bbls to fill. |
| 4/30/2014 | ROD-Box | Rod part - 2nd 1 1/2" k-bar above pump had parted fishing neck. Replaced 4 k-bar, R&R pump. Pump spaced @ 45". 30 bbls to fill. Slowed unit down to 5 stroke/min. |
| 9/21/2015 | ROD-Box | Rod part - 26th 1" rod box was parted. TAC was sheared. Replaced bottom 5 jts 2 7/8" L-80 tbg above the MSN w/ new due to rod wear. (Did not hydrotest). Moved TAC uphole 2 jts and set @ 10401.77' KB in 20k tension w/ 46" stretch. 1 1/2" pump set @ 10467.42' KB, spaced @ 45". 34 bbls to fill. |
| 12/14/2015 | ROD-Box | Rod part- 68th 1" rod box parted. Fish and hang well on, did NOT change |
| 4/13/2016 | UNIT | Change wristpins, bored and sleeved right-long hole on pumping unit. |
| 4/7/2017 | TBG-Hole | Tbg parted = left 108 Jts plus 30' 5-1/2" TAC, 2 jts 2-7/8" L-80 tubing. Csg collapsed at 6913' Could not get 1-11/16" tools through. Ran 210 Joints 2-7/8" L-80 tubing, MSN, 4' perf sub with bull plug. BOT @ 6808 KB. LD (12) 1-1/2" kbar, (141) 3/4" rods. Ran rest of rod string in the hole |

Current Status: Proposed SWD

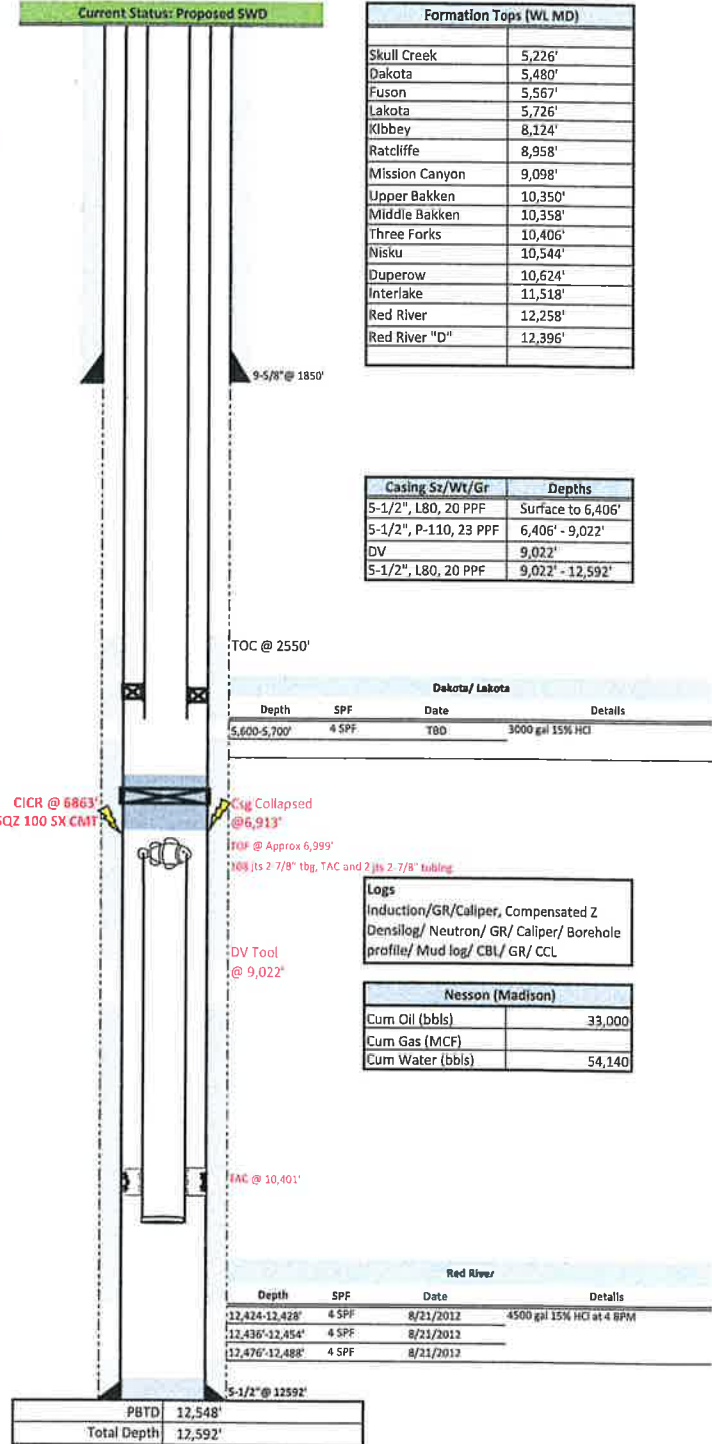
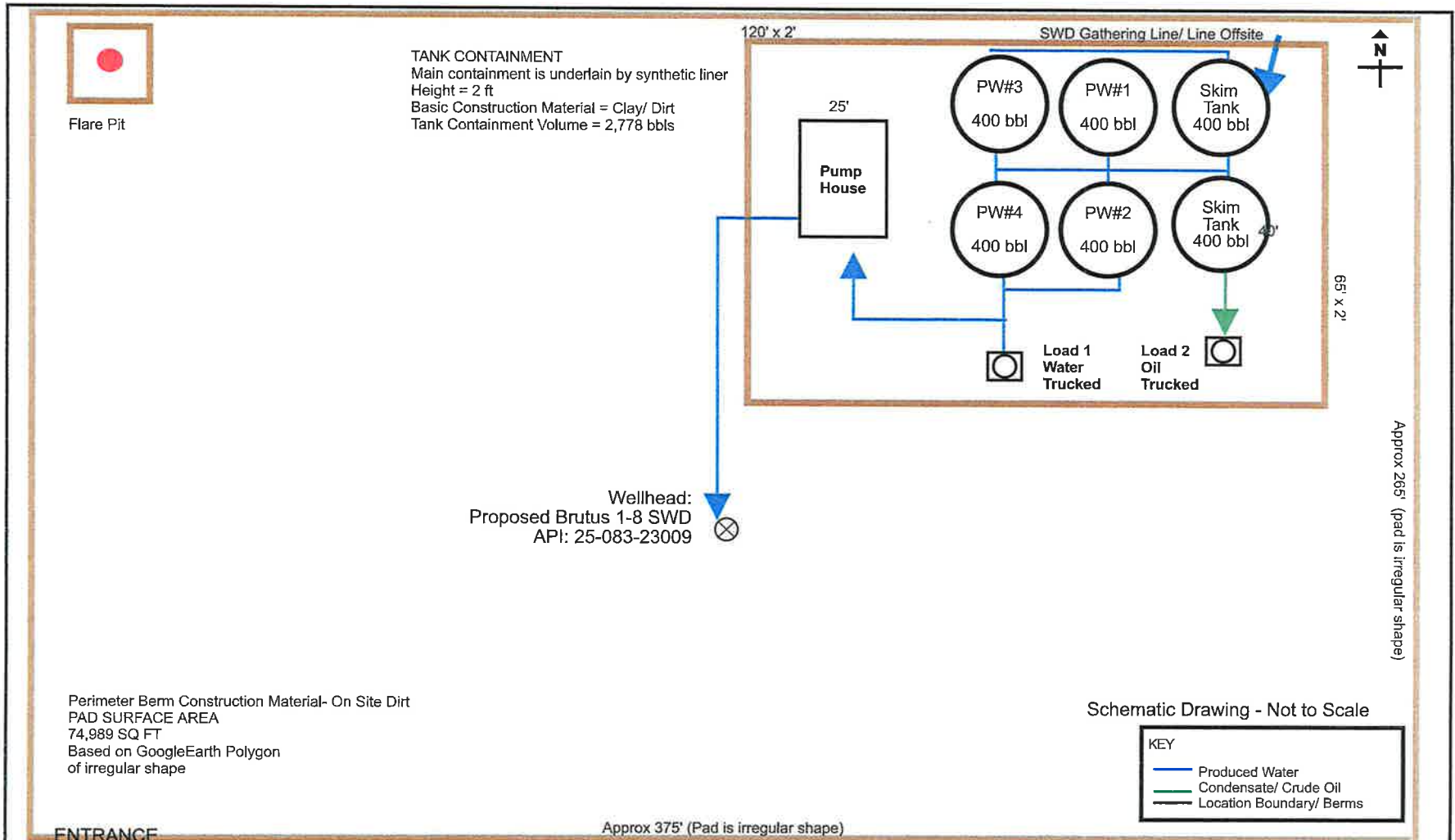


Exhibit 8: Proposed Wellbore Diagram and Site Facility Diagram



| Rev | Date | Description | By | Proposed Site Facility Diagram |
|-----|-----------|--------------------------------|----------|--|
| 0 | 1/10/2024 | Site Facility Diagram Creation | SB/ WROG | White Rock Oil and Gas, LLC. Brutus 1-8 Proposed SWD Lonetree Field Richland County, Montana 47.85061413, -104.4249285 Located in SE1/4 SE1/4, Sec. 8, T24N, R57E |
| | | | | |
| | | | | |
| | | | | |
| | | | | |



JACAM LABORATORIES

DownHole R_x

WATER CHEMISTRY

SM ENERGY
PETE OPSAL

LYLE PEDERSON 2-17H
TREATER

Report Date: 10-05-2011 Sampled: 09-28-2011
Sample #: 9278 at 0000

CATIONS

| | |
|-------------------------------|--------|
| Calcium (as Ca) | 15810 |
| Magnesium (as Mg) | 1267 |
| Barium (as Ba) | 18.57 |
| Strontium (as Sr) | 1219 |
| Sodium (as Na) | 75103 |
| Potassium (as K) | 7161 |
| Lithium (as Li) | 69.88 |
| Ammonia (as NH ₃) | 0.00 |
| Aluminum (as Al) | 7.80 |
| Iron (as Fe) | 197.20 |
| Manganese (as Mn) | 10.55 |
| Zinc (as Zn) | 8.22 |
| Lead (as Pb) | 0.00 |

ANIONS

| | |
|---|--------|
| Chloride (as Cl) | 175400 |
| Sulfate (as SO ₄) | 225.00 |
| Bromine (as Br) | 0.00 |
| Dissolved CO ₂ (as CO ₂) | 900.00 |
| Bicarbonate (as HCO ₃) | 207.40 |
| Carbonate (as CO ₃) | 0.00 |
| Silica (as Si) | 0.00 |
| Phosphate (as PO ₄) | 0.00 |
| H ₂ S (as H ₂ S) | 5.00 |
| Fluoride (as F) | 0.00 |
| Nitrate (as NO ₃) | 0.00 |
| Boron (as B) | 448.60 |

PARAMETERS

| | |
|--------------------|--------|
| pH | 6.17 |
| Temperature (°F) | 120.00 |
| Density(g/mL) | 1.18 |
| Pressure(atm) | 1.00 |
| Calculated T.D.S. | 280744 |
| Molar Conductivity | 112298 |
| Field Fe | 0.00 |

CORROSION RATE PREDICTION

| | |
|--|------|
| CO ₂ - H ₂ S Rate(mpy) | 0.00 |
|--|------|

JACAM LABORATORIES

205 S. Broadway · P.O. Box 96 · Sterling, KS 67579-0096



JACAM LABORATORIES

DownHole Rx

DEPOSITION POTENTIAL INDICATORS

SM ENERGY
PETE OPSAL

LYLE PEDERSON 2-17H
TREATER

Report Date: 10-05-2011 Sampled: 09-28-2011
Sample #: 9278 at 0000

SATURATION LEVEL

| | |
|--|---------|
| Calcite (CaCO ₃) | 6.17 |
| Aragonite (CaCO ₃) | 5.16 |
| Witherite (BaCO ₃) | < 0.001 |
| Strontianite (SrCO ₃) | 0.110 |
| Magnesite (MgCO ₃) | 0.965 |
| Anhydrite (CaSO ₄) | 0.206 |
| Gypsum (CaSO ₄ *2H ₂ O) | 0.197 |
| Barite (BaSO ₄) | 0.747 |
| Celestite (SrSO ₄) | 0.0713 |
| Fluorite (CaF ₂) | 0.00 |
| Calcium phosphate | 0.00 |
| Hydroxyapatite | 0.00 |
| Silica (SiO ₂) | 0.00 |
| Brucite (Mg(OH) ₂) | < 0.001 |
| Magnesium silicate | 0.00 |
| Iron hydroxide (Fe(OH) ₃) | < 0.001 |
| Strengite (FePO ₄ *2H ₂ O) | 0.00 |
| Siderite (FeCO ₃) | 31.08 |
| Halite (NaCl) | 0.283 |
| Thenardite (Na ₂ SO ₄) | < 0.001 |
| Iron sulfide (FeS) | 11.49 |

MOMENTARY EXCESS (Lbs/1000 Barrels)

| | |
|--|---------|
| Calcite (CaCO ₃) | 0.0134 |
| Aragonite (CaCO ₃) | 0.0129 |
| Witherite (BaCO ₃) | -26.05 |
| Strontianite (SrCO ₃) | -0.191 |
| Magnesite (MgCO ₃) | >-0.001 |
| Anhydrite (CaSO ₄) | -53.05 |
| Gypsum (CaSO ₄ *2H ₂ O) | -63.52 |
| Barite (BaSO ₄) | -2.38 |
| Celestite (SrSO ₄) | -195.56 |
| Fluorite (CaF ₂) | -1.56 |
| Calcium phosphate | >-0.001 |
| Hydroxyapatite | -291.75 |
| Silica (SiO ₂) | -46.10 |
| Brucite (Mg(OH) ₂) | -0.190 |
| Magnesium silicate | -102.48 |
| Iron hydroxide (Fe(OH) ₃) | < 0.001 |
| Strengite (FePO ₄ *2H ₂ O) | >-0.001 |
| Siderite (FeCO ₃) | 0.0180 |
| Halite (NaCl) | -66132 |
| Thenardite (Na ₂ SO ₄) | -87943 |
| Iron sulfide (FeS) | 0.747 |

SIMPLE INDICES

| | |
|--------------------|--------|
| Langelier | 2.04 |
| Ryznar | 2.09 |
| Puckorius | -0.403 |
| Larson-Skold Index | 329.36 |
| Stiff Davis Index | 2.89 |
| Oddo-Tomson | 1.17 |

BOUND IONS

| | | |
|-----------|--------|--------|
| Calcium | 15810 | 15334 |
| Barium | 18.57 | 18.57 |
| Carbonate | 4.33 | 0.0276 |
| Phosphate | 0.00 | 0.00 |
| Sulfate | 225.00 | 27.93 |

TOTAL

FREE

OPERATING CONDITIONS

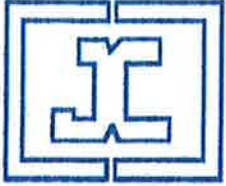
| | |
|------------------|--------|
| Temperature (°F) | 120.00 |
| Time(secs) | 0.00 |

JACAM LABORATORIES

205 S. Broadway · P.O. Box 96 · Sterling, KS 67579-0096

DownHole SAT™ Water Analysis Report

Exhibit 9: Bakken Water Analysis SYSTEM IDENTIFICATION



SM ENERGY
LYLE PEDERSON 2-17H
PETE OPSAL
TREATER

Sample ID#: 9278
ID: *2676
Report Date: 10-05-2011
Sample Date: 09-28-2011
at 0000

JACAM LABORATORIES

WATER CHEMISTRY

CATIONS

| | |
|------------------------------|--------|
| Calcium(as Ca) | 15810 |
| Magnesium(as Mg) | 1267 |
| Barium(as Ba) | 18.57 |
| Strontium(as Sr) | 1219 |
| Sodium(as Na) | 75103 |
| Potassium(as K) | 7161 |
| Lithium(as Li) | 69.88 |
| Iron(as Fe) | 197.20 |
| Field Iron(as Fe) | 0.00 |
| Ammonia(as NH ₃) | 0.00 |
| Aluminum(as Al) | 7.80 |
| Manganese(as Mn) | 10.55 |
| Zinc(as Zn) | 8.22 |
| Lead(as Pb) | 0.00 |

ANIONS

| | |
|---|--------|
| Chloride(as Cl) | 175400 |
| Sulfate(as SO ₄) | 225.00 |
| Bromine(as Br) | 0.00 |
| Dissolved CO ₂ (as CO ₂) | 900.00 |
| Bicarbonate(as HCO ₃) | 207.40 |
| Carbonate(as CO ₃) | 0.00 |
| Silica(as Si) | 0.00 |
| Phosphate(as PO ₄) | 0.00 |
| H ₂ S (as H ₂ S) | 5.00 |
| Fluoride(as F) | 0.00 |
| Nitrate(as NO ₃) | 0.00 |
| Boron(as B) | 448.60 |

PARAMETERS

| | |
|-----------------|--------|
| Temperature(°F) | 120.00 |
| Sample pH | 6.17 |

SCALE AND CORROSION POTENTIAL

| Temp. (°F) | Press. (atm) | Calcite CaCO ₃ | | Anhydrite CaSO ₄ | | Gypsum CaSO ₄ *2H ₂ O | | Barite BaSO ₄ | | Celestite SrSO ₄ | | Siderite FeCO ₃ | | Mackawenite FeS | | CO ₂ (mpy) | pCO ₂ (atm) |
|------------|--------------|---------------------------|---------|-----------------------------|--------|---|--------|---------------------------|--------|-----------------------------|---------|----------------------------|--------|---------------------------|------|-----------------------|------------------------|
| 50.00 | 0.00 | 4.76 | 0.0154 | 0.202 | -67.27 | 0.255 | -56.39 | 4.40 | 7.62 | 0.0896 | -189.24 | 14.91 | 0.0210 | 35.19 | 1.91 | 0.223 | 2.53 |
| 65.45 | 0.00 | 5.50 | 0.0163 | 0.184 | -71.30 | 0.225 | -62.89 | 2.88 | 6.11 | 0.0856 | -188.65 | 19.38 | 0.0219 | 32.97 | 1.87 | 0.586 | 2.53 |
| 80.91 | 0.00 | 6.00 | 0.0163 | 0.178 | -70.51 | 0.203 | -68.02 | 1.93 | 4.20 | 0.0815 | -189.23 | 23.59 | 0.0217 | 30.44 | 1.81 | 1.22 | 2.53 |
| 96.36 | 0.00 | 6.22 | 0.0154 | 0.182 | -65.68 | 0.187 | -71.77 | 1.31 | 1.90 | 0.0774 | -190.94 | 27.13 | 0.0205 | 27.70 | 1.73 | 1.60 | 2.53 |
| 111.82 | 0.00 | 6.21 | 0.0141 | 0.195 | -57.98 | 0.189 | -67.97 | 0.904 | -0.791 | 0.0734 | -193.76 | 29.83 | 0.0189 | 24.96 | 1.65 | 1.69 | 2.53 |
| 127.27 | 0.00 | 6.09 | 0.0128 | 0.218 | -48.68 | 0.203 | -60.16 | 0.634 | -3.88 | 0.0695 | -197.68 | 32.10 | 0.0172 | 22.54 | 1.58 | 1.45 | 2.53 |
| 142.73 | 0.00 | 5.92 | 0.0116 | 0.253 | -38.90 | 0.216 | -53.93 | 0.450 | -7.40 | 0.0657 | -202.73 | 33.99 | 0.0157 | 20.38 | 1.52 | 1.19 | 2.53 |
| 158.18 | 0.00 | 5.69 | 0.0105 | 0.303 | -29.47 | 0.229 | -48.95 | 0.324 | -11.36 | 0.0620 | -208.99 | 35.50 | 0.0144 | 18.41 | 1.47 | 1.14 | 2.53 |
| 173.64 | 0.00 | 5.44 | 0.00953 | 0.375 | -20.95 | 0.240 | -44.97 | 0.237 | -15.82 | 0.0585 | -216.51 | 36.69 | 0.0131 | 16.59 | 1.42 | 1.08 | 2.53 |
| 189.09 | 0.00 | 5.17 | 0.00865 | 0.477 | -13.60 | 0.251 | -41.81 | 0.175 | -20.83 | 0.0552 | -225.43 | 37.55 | 0.0121 | 14.90 | 1.38 | 0.501 | 2.53 |
| 204.55 | 0.00 | 4.90 | 0.00788 | 0.621 | -7.50 | 0.261 | -39.35 | 0.130 | -26.47 | 0.0519 | -235.90 | 38.08 | 0.0112 | 13.31 | 1.33 | 0.394 | 2.53 |
| 220.00 | 0.171 | 4.59 | 0.00740 | 0.821 | -2.75 | 0.268 | -38.91 | 0.0972 | -33.43 | 0.0485 | -255.56 | 38.20 | 0.0107 | 13.31 | 1.52 | 0.529 | 2.96 |
| | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | Lbs per xSAT 1000 Barrels | | | |

Saturation Levels (xSAT) are the ratio of ion activity to solubility, e.g. {Ca}{CO₃}/K_{sp}. pCO₂ (atm) is the partial pressure of CO₂ in the gas phase. Lbs/1000 Barrels scale is the quantity of precipitation (or dissolution) required to instantaneously bring the water to equilibrium.

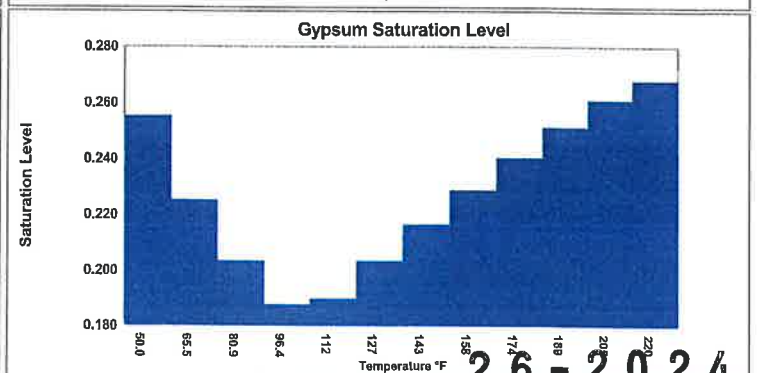
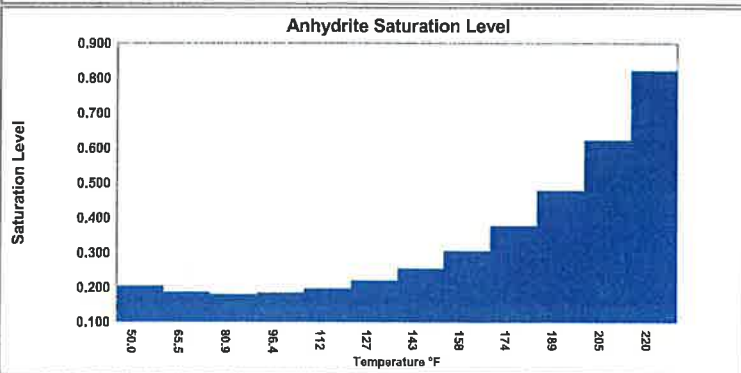
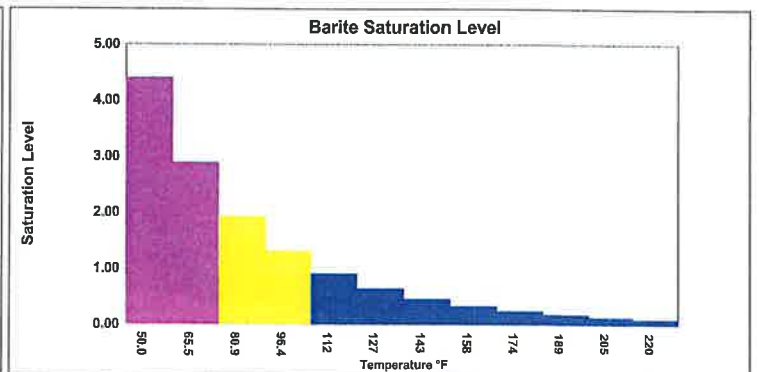
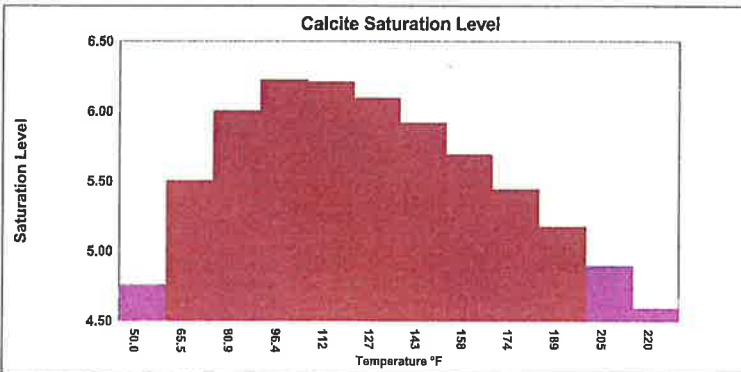


Exhibit 10: Surface Owner List

| Surface Description | Name | Address |
|--|--------------------------------|---|
| S17, T24 N, R57 E, N1/2, SW1/4, N1/2SE | C Lazy K Ranch LLC | 28851 140 th Ave SE Auburn, WA 98092-2250 |
| S08, T24N, R57E, N1/2NW, NWNE, S1/2N1/2 @ S1/2 | Daniels Family Ltd Partnership | 1101 11 th St NW Great Falls, MT 59404-1761 |
| S16, T24 N, R57 E, W1/2 | Franz Ranch Land Trust | 13221 County Road 339 Sidney, MT 59270 |
| S09, T24 N, R57 E, NW1/4, N1/2SW, SESW | Kilen Pamela Kay Etal | 13481 County Road 341 Fairview, MT 59221 |
| S09, T24 N, R57 E, SWSW | Larry and Nancy Simonsen | 1104 11 th St SW Sidney, MT 59270-5226 |

Exhibit 11: Notification to Surface Owners

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

APPLICATION OF WHITE ROCK OIL AND GAS, LLC.
FOR AN UNDERGROUND INJECTION CONTROL
(UIC) PERMIT TO CONVERT BRUTUS 1-8 WELL,
739' FSL, 831' FEL, SEC 8 T24N, R57E, TO AN
INJECTION WELL FOR THE PURPOSE OF
SALTWATER DISPOSAL WITHIN THE LONE TREE
FIELD.

NOTICE OF APPLICATION FOR UIC PERMIT FOR
INJECTION WELL

DATE: January 11, 2024

TO: SURFACE OWNERS WITHIN AREA OF REVIEW AS LISTED IN UIC APPLICATION

RE Application for Underground Injection Permit

Ladies and Gentlemen,

WHITE ROCK OIL AND GAS, LLC. at 5810 Tennyson Pkwy, Suite 500, Plano, TX 75024, has applied for a permit to convert Brutus 1-8 well, 739' FSL, 831' FEL, SESE, Sec 8, T24N, R57E, Richland County, MT to a saltwater disposal well. The application will be heard by the Montana Board of Oil and Gas Conservation at its February 15, 2024 hearing beginning at 9:00 AM in the Montana Board of Oil and Gas Hearing Room at 2535 St. John's Avenue, Billings, Montana.

A portion of the application that describes the proposed project is enclosed. A copy of the complete application is on file with the Montana Board of Oil and Gas Conservation, 2535 St. John's Avenue, Billings, MT, 59102. If you have any questions concerning the application, please contact Ms. Shawna Bonini, Operations Engineer, White Rock Oil and Gas, 720 Lohwest Lane, Billings, MT 59106.

Sincerely,



Shawna Bonini, PE
Operations Engineer
White Rock Oil and Gas, LLC.
720 Lohwest Ln.
Billings, MT 59106
Cell: 406-690-0068
sbonini@whiterockog.com

26-2024

Exhibit 12: Affidavit of Notification to Surface Owners

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

APPLICATION OF WHITE ROCK OIL AND GAS, LLC.
FOR AN UNDERGROUND INJECTION CONTROL
(UIC) PERMIT TO CONVERT BRUTUS 1-8 WELL,
739' FSL, 831' FEL, SEC 8 T24N, R57E, TO AN
INJECTION WELL FOR THE PURPOSE OF
SALTWATER DISPOSAL WITHIN THE LONETREE
FIELD.

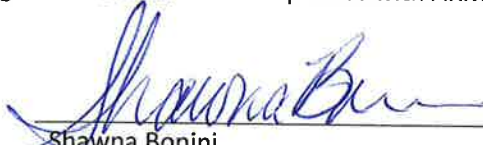
AFFIDAVIT OF NOTIFICATION

DATE: January 11, 2024

STATE OF MONTANA)
) SS.
COUNTY OF YELLOWSTONE)

Shawna Bonini, being duly sworn, deposes, and says:


That Notice advising WHITE ROCK OIL AND GAS, LLC. application for UIC Permit in the captioned matter, in the form attached Exhibit 11 was mailed to the surface owners within the area of review at the addresses show in Exhibit 10 attached, by mailing a true copy thereof this 11th Day of January, 2024, postage prepaid, First Class Mail. This Affidavit is given as evidence of compliance with ARM 36.22.1410.



Shawna Bonini

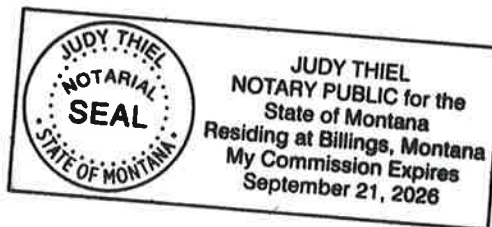
STATE OF MONTANA)
) SS.
COUNTY OF YELLOWSTONE)

Subscribed and sworn to before me this 11th Day of January 2024.



Notary Public
State of Montana
My Commission Expires

September 21, 2026





January 11, 2024

Benjamin Jones
Administrator
Interim Underground Injection Control (UIC) Program Director
Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

RECEIVED

JAN 11 2024

MONTANA BOARD OF OIL &
GAS CONSERVATION • BILLINGS

RE: Request for Aquifer Exemption
Brutus 1-8 located in Section 8, Township 24N, Range 57E
Richland County, Montana

Dear Mr. Benjamin Jones,

Please accept additional information to supplement White Rock Oil and Gas, LLC. Brutus 1-8 Aquifer Exemption and Disposal Application for the February 15, 2024 Montana Board of Oil and Gas hearing.

An aquifer exemption is required if the proposed injection zone contains water that is less than 10,000 ppm of total dissolved solids (TDS), and therefore defined as an Underground Source of Drinking Water (USDW). There is swab analysis from the Dakota Formation that indicates the TDS is less than 10,000 ppm.

There are no water wells located within the one quarter mile area of review. Underground Sources of Drinking Water (USDW) having TDS of less than 1600 mg/liter area available to the base of the Fox Hills at a depth of 1400 to 1600 ft. The applicant estimates the cost of drilling a well into the Dakota and Lakota formations would be more than four times the cost of drilling a well to the Fox Hills. Additionally, the cost of treating the Dakota and Lakota waters would greatly exceed the cost of treating the Fox Hills water.

- 1) Descriptive Data – Plat Map showing boundaries of the exempted aquifer. The Environmental Protection Agency (EPA), in UIC guidance 34, defined the minimum data set needed for aquifer exemptions; these will include at least all oil and gas boreholes within the area, all public and private water wells within the area and at least ¼ mile beyond the boundary any existing wellhead protection areas, and the locations of all relevant water samples.
 - See Exhibit 1A
- 2) Narrative description of the proposed exempted aquifer listing formation name, approximate depth or elevation, confining zone, as well as geological definition of the exempted area. Include adequate wireline logs to demonstrate vertical confinement from sources of drinking water.

The Brutus 1-8 SWD will be completed for disposal into the Lakota and Dakota formations. See Exhibit 2A: Cross Section of Dakota/ Lakota and Exhibit 3A: Log of Injection Interval.

Water quality information for the proposed disposal zones in the immediate area of Brutus 1-8 is not available. However, a water sample from the Dakota in RR Lonetree Edna 1-13 SWD located 5.79 miles southwest of the proposed disposal site had total dissolved solids of between 5,173 to 10,352 mg/L, and water from the Dakota and Lakota in the Brutus 1-8 is expected to be similar. The samples from the Edna 1-13 were acquired by swab testing the interval and measuring the TDS for the interval. The upper Dakota water lies between the 3,000 ppm and 10,000 ppm cutoff and will require an aquifer exemption.

Proposed injection zones for the Brutus 1-8 SWD are as follows:

| Formation | Lithology | Top (ft) | Bottom (ft) | Net pay (ft) | Pressure (psi) | Porosity |
|------------------|------------------|-----------------|--------------------|---------------------|-----------------------|-----------------|
| Dakota | Sandstone | 5,480 | 5,567 | 36 | 2,400 | 6% |
| Lakota | Sandstone | 5,726 | 5,970 | 138 | 2,525 | 9% |

Depth and net pay for each of the proposed injections zones are estimate from the July 3, 2012 Laterlog-Gamma Ray log from the Brutus 1-8. The porosity is based on the density log across the zones of interest in the Pederson #1 well located 1/2 mile south. The porosity was derived from the bulk density curve calculated on a sandstone matrix. Formation pressure was estimated using a water gradient of 0.435 psi/ft. The confining formations for the proposed injection zones are the Skull Creek for the Dakota and the Fuson for the Lakota. The actual fracture gradients for these confining zones are unknown, but fracture gradients for the confining shale layers are known to be higher than those for the underlying sandstone injection zone.

| Formation | Lithology | Top (ft) | Bottom (ft) |
|------------------|------------------|-----------------|--------------------|
| Skull Creek | Shale | 5,226 | 5,480 |
| Fuson | Shale | 5,567 | 5,726 |

Considering the vertical distance to any USDW and the maximum feasible injection rate that could occur, the likelihood of a fracture extending from the proposed disposal zones to any USDW under any reasonable disposal conditions is considered low.

- 3) Thickness, area, and average porosity of the reservoir to be exempted. If the proposed UIC well within the exempted area is an SWD, calculate the volume of connate water that will be displaced by the injectate using the following formula (this pore volume figure is made part of the MBOGC permit for the included SWD well. For example, if the pore volume calculation shows the exempted aquifer to contain 5.0 million barrels within the exempted area, the UIC permit will terminate when the cumulative injected volume reaches 5.0 million barrels of saltwater)

$$\text{Pore Volume (in barrels)} = (p \times r^2 \times h \times f) / 5.63$$

Where:

r = radius of the exempted area, in feet (usually 1320')

h = average thickness, in feet, of the proposed exempted aquifer

f = average porosity, in decimal, of the proposed exempted aquifer

$$\text{Lakota: } (3.14) (1320)^2(138)(0.09) / 5.63 = 1.207 \times 10^7$$

$$\text{Dakota: } (3.14) (1320)^2(36)(0.06) / 5.63 = 2.099 \times 10^6$$

Total 1.417×10^7 bbls

| | |
|---|---------------------------|
| Minimum Water Injection Rate | 0 BWPD |
| Average Water Injection Rate | 986 BWPD |
| Maximum Water Injection Rate | 1315 BWPD |
| <u>Radius of Emplaced Fluid</u> | |
| Receive Net Thickness | 174 FT |
| Injection Period (20 years) | 7,300 DAYS |
| Injection Rate | 28.8 GPM |
| Injection Rate | 986.30 BWPD |
| Injection Rate | 5538 FT ³ /DAY |
| Porosity | 8% |
| Radius - Emplaced Fluid | 946 FT |
| Radius - Emplaced Fluid | 0.18 miles |
| $r = (Q \cdot \text{time} / ((\pi) \cdot h \cdot \text{porosity}))^{0.5}$ | |

- 4) Water Quality analysis of the aquifer to be exempted. How was water quality determined?
- Water sample from a well 5.76 miles southwest of the Brutus 1-8. See Exhibit 4A for the swab results of the water samples from Lone Tree Edna 1-13.

Please contact me if there are any questions regarding this submission.

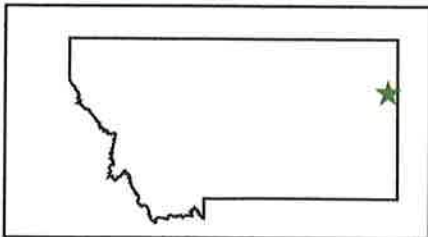
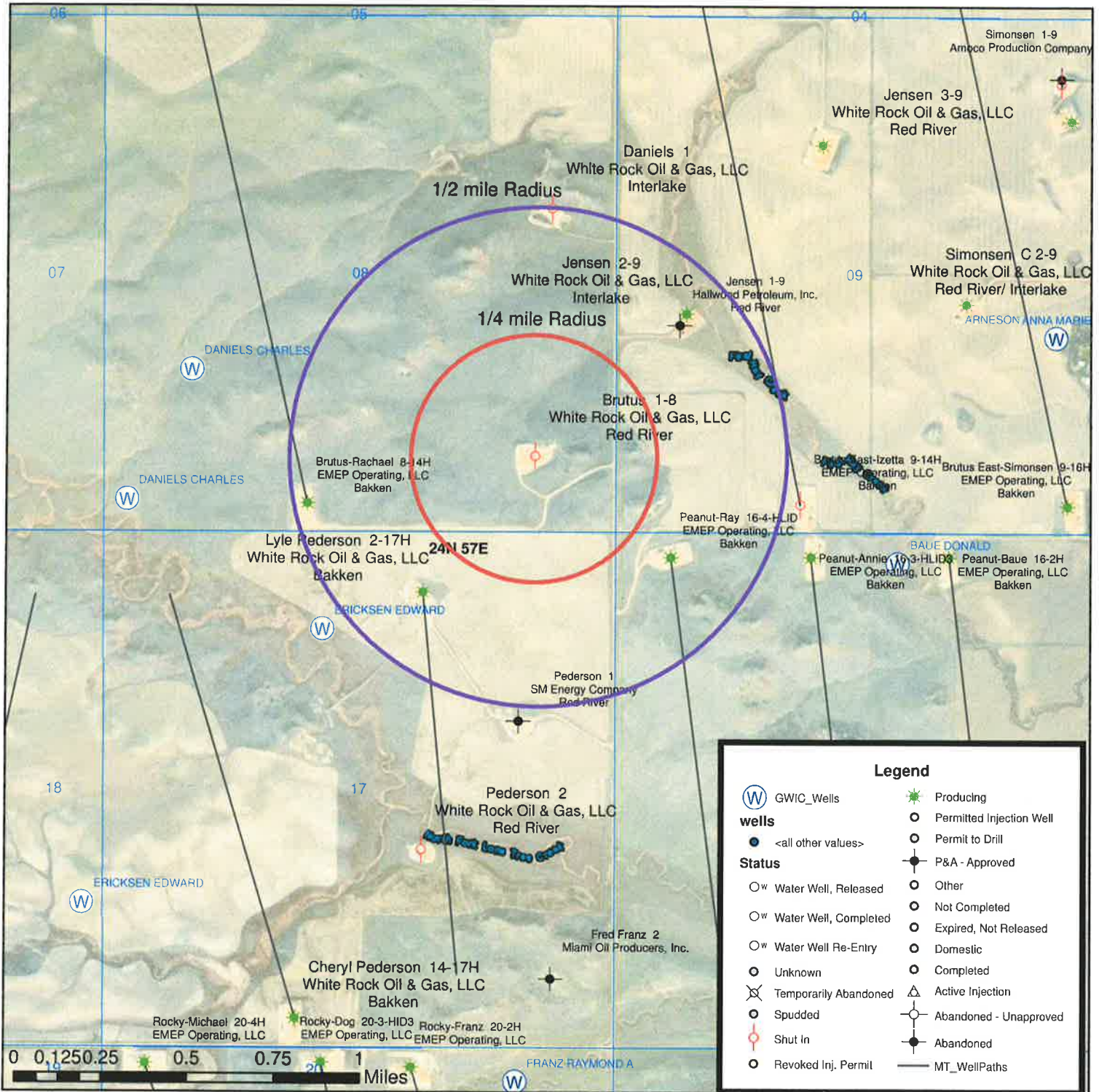
Sincerely,



Shawna Bonini, PE
Operations Engineer
406-690-0068
sbonini@whiterockog.com



Exhibit 1A: Map with all well types around area of review including 1/4 mile beyond the area of review



**Brutus 1-8
Proposed Produced Water Injector
Richland County, Montana
739 ft FSL, 831 ft FEL
Sec 8, T24N, R57E**

Service Layer Credits: Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community
Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere/Datum: WGS 1984

26-2024

Exhibit 2A: Cross Section of the Dakota/ Lakota

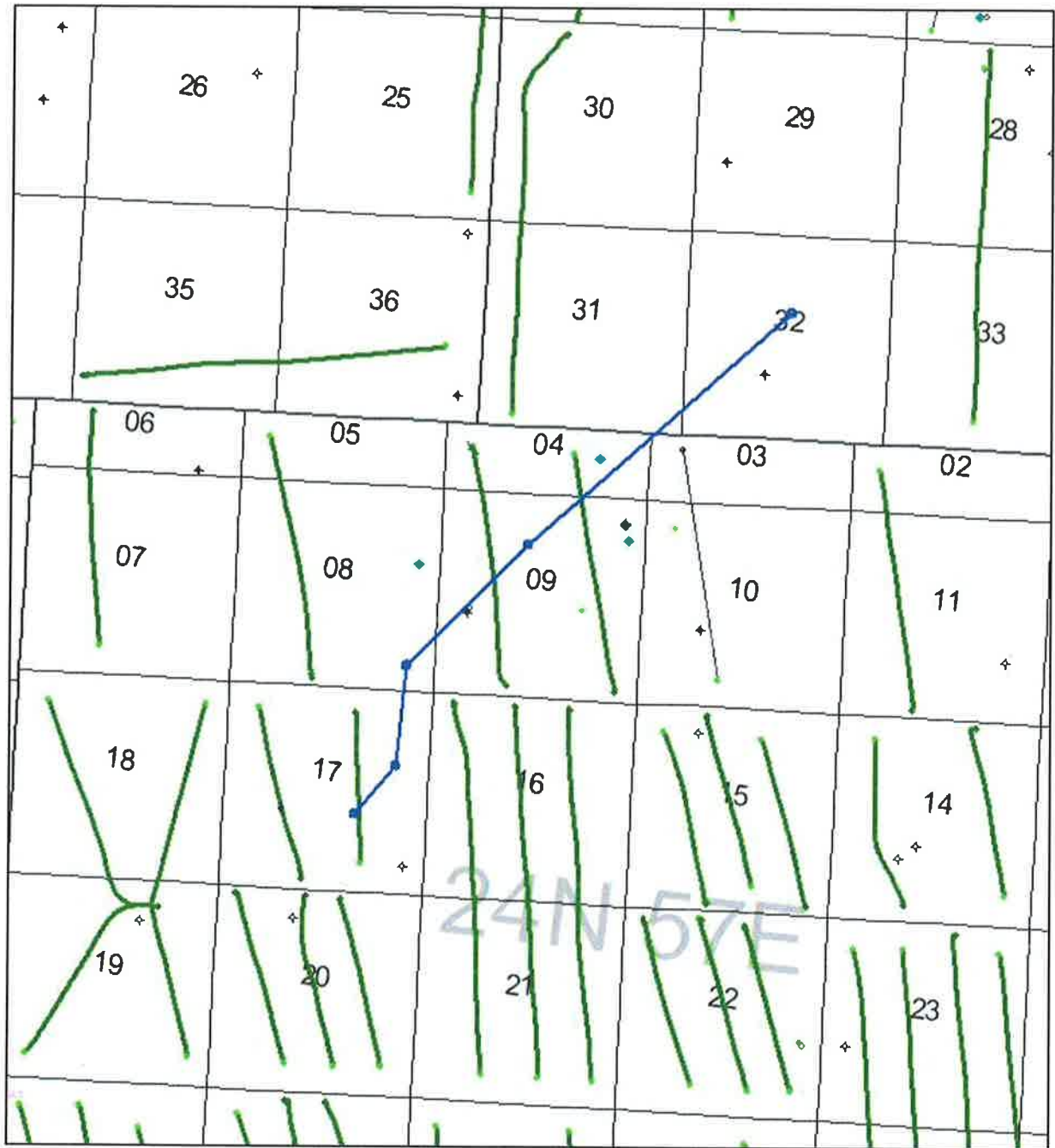
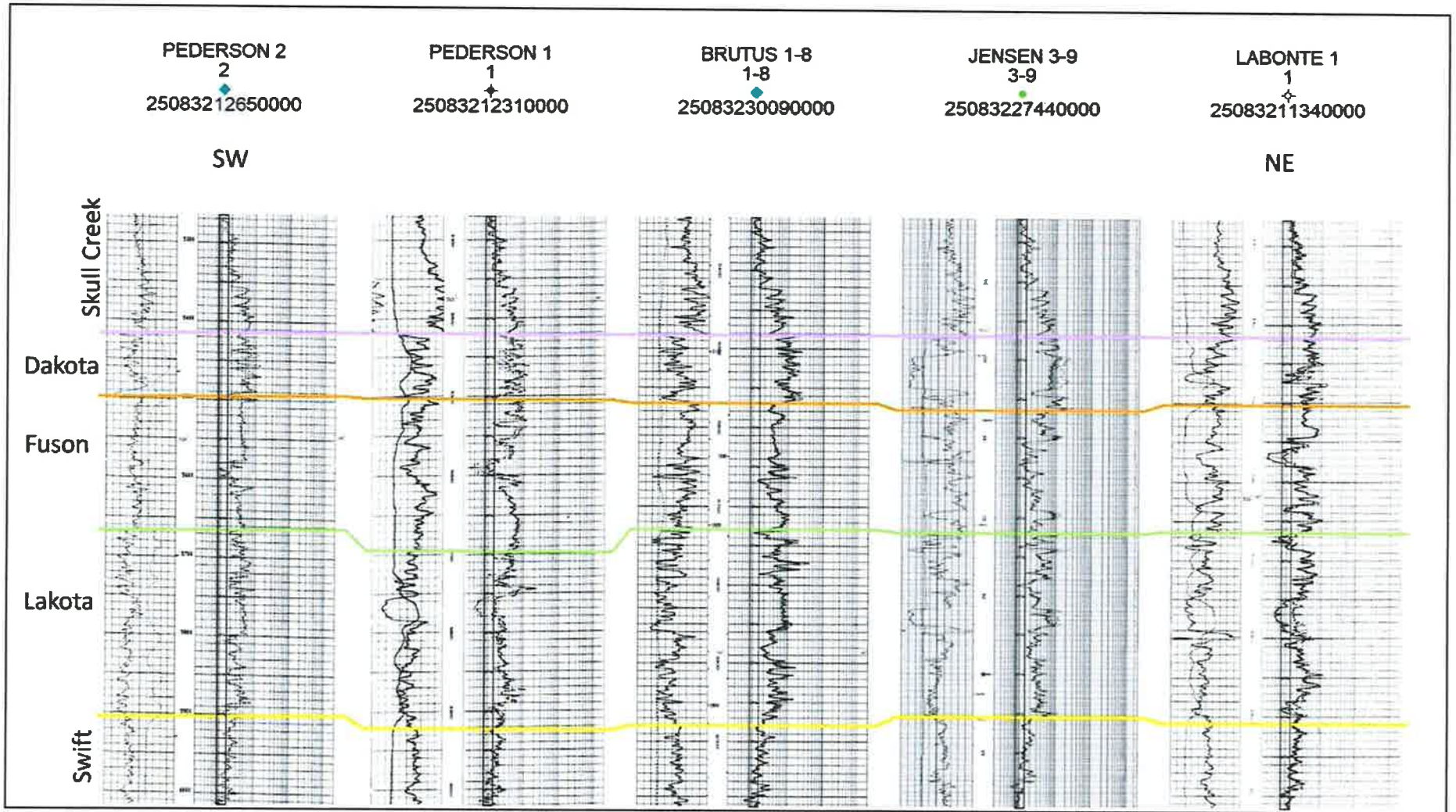


Exhibit 2A: Cross Section of the Dakota/ Lakota





FILE NO: 04058841
 COMPANY: ENCORE ENERGY PARTNERS
 WELL: BRUTUS 1-B
 FIELD: LONE TREE CREEK
 COUNTY: RICHLAND
 STATE: MONTANA

Version: MT PERMIT: 30116
 LOCATION: 739' FSL & 831' FEL
 SEC 8 TWP 24 N RBE 57 E
 OTHER SERVICES: ZUL-CH-GR BHP

PERMANENT DATUM LOG MEASURED FROM DRILL MEAS. FROM
 G. ELEVATION 2428 FT
 KB 18 FT ABOVE P.D.
 KB 2446 FT
 DF
 GL 2428 FT

DATE: 03-JUL-2012
 RUN: 1 TRIP: 1
 SERVICE ORDER: 574878
 DEPTH DRILLER: 12500 FT
 DEPTH LOGGER: 12505 FT
 BOTTOM LOGGED INTERVAL: 12500 FT
 TOP LOGGED INTERVAL: 50 FT
 SING DRILLER: 9.825 IN
 SING LOGGER: 1891 FT
 PIPE SIZE: 8.75 IN
 PE OF FLUID IN HOLE: OBM
 NSITY: 10.1 LB/G
 VISCOSITY: 50 S
 FLUID LOSS: NA

URGE OF SAMPLE: NA
 AT MEAS. TEMP.: NA
 F AT MEAS. TEMP.: NA
 GIC AT MEAS. TEMP.: NA
 URGE OF RMF: NA
 AT BHT: NA
 E SINCE CIRCULATION: 12.5
 X RECORDED TEMP.: 242 DEGS
 UP NO.: HL-6741
 LOCATION: LANCE SCHUBERT
 WILLISTON

CORDED BY: LANCE SCHUBERT
 WITNESSED BY: TOBY HARLEY

RECEIVED
 OCT 16 2012
 MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

GR BACKUP
 GAMMA RAY [gr] 150
 CALIPER [cal] 16
 BIT SIZE 16

2FT. Matched Resolution Resistivity

| | | |
|-----|--------------------|------|
| 0.2 | 10 in. DOI [m2r1] | 2000 |
| | (ohm.m) | |
| 0.2 | 20 in. DOI [m2r2] | 2000 |
| | (ohm.m) | |
| 0.2 | 30 in. DOI [m2r3] | 2000 |
| | (ohm.m) | |
| 0.2 | 60 in. DOI [m2r6] | 2000 |
| | (ohm.m) | |
| 0.2 | 90 in. DOI [m2r9] | 2000 |
| | (ohm.m) | |
| 0.2 | 120 in. DOI [m2rx] | 2000 |
| | (ohm.m) | |

FEEET

| | | |
|---|----------------|-----|
| 0 | GAMMA RAY [gr] | 150 |
| | (gAPI) | |
| 6 | CALIPER [cal] | 16 |
| | (in) | |
| 6 | BIT SIZE | 16 |
| | (in) | |

Exhibit 3A: Log of Injection Intervals

BVOL
-10
-100
-1000

CVOL
10
100
1000

CSG

1930

1300

TGS ^{ADD?}

5200

SKULLCREEK [MBOG]=5226.0

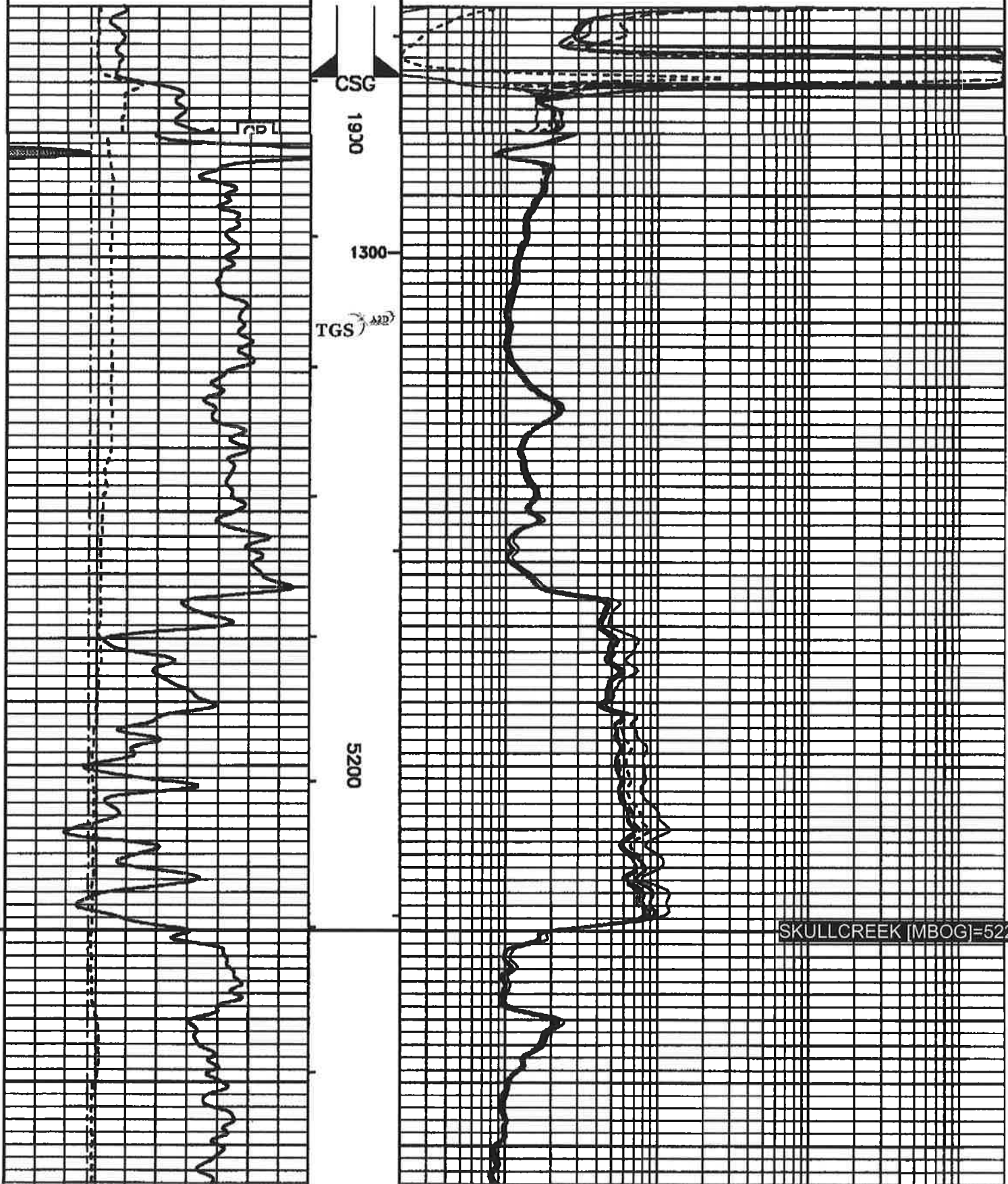
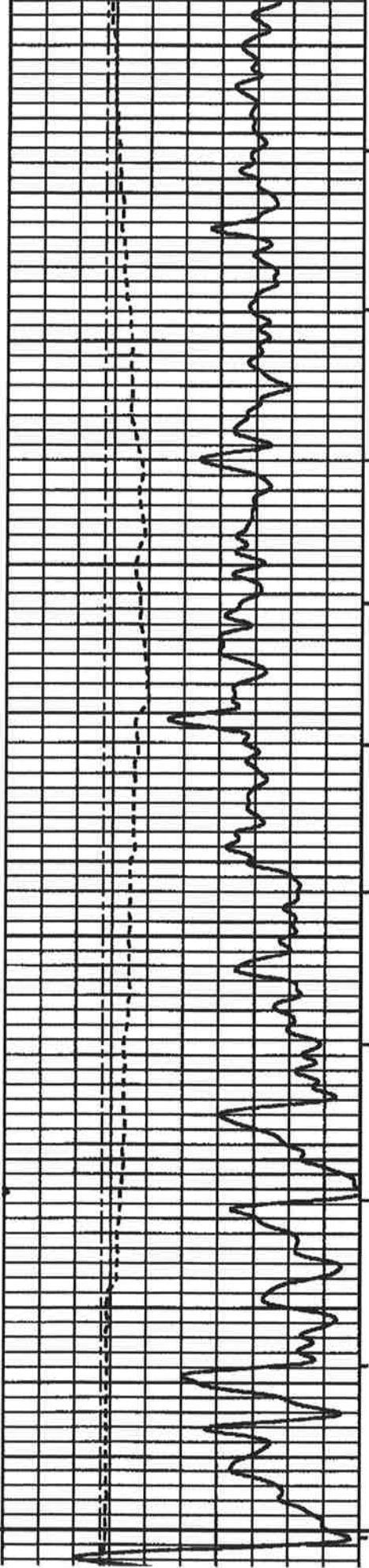
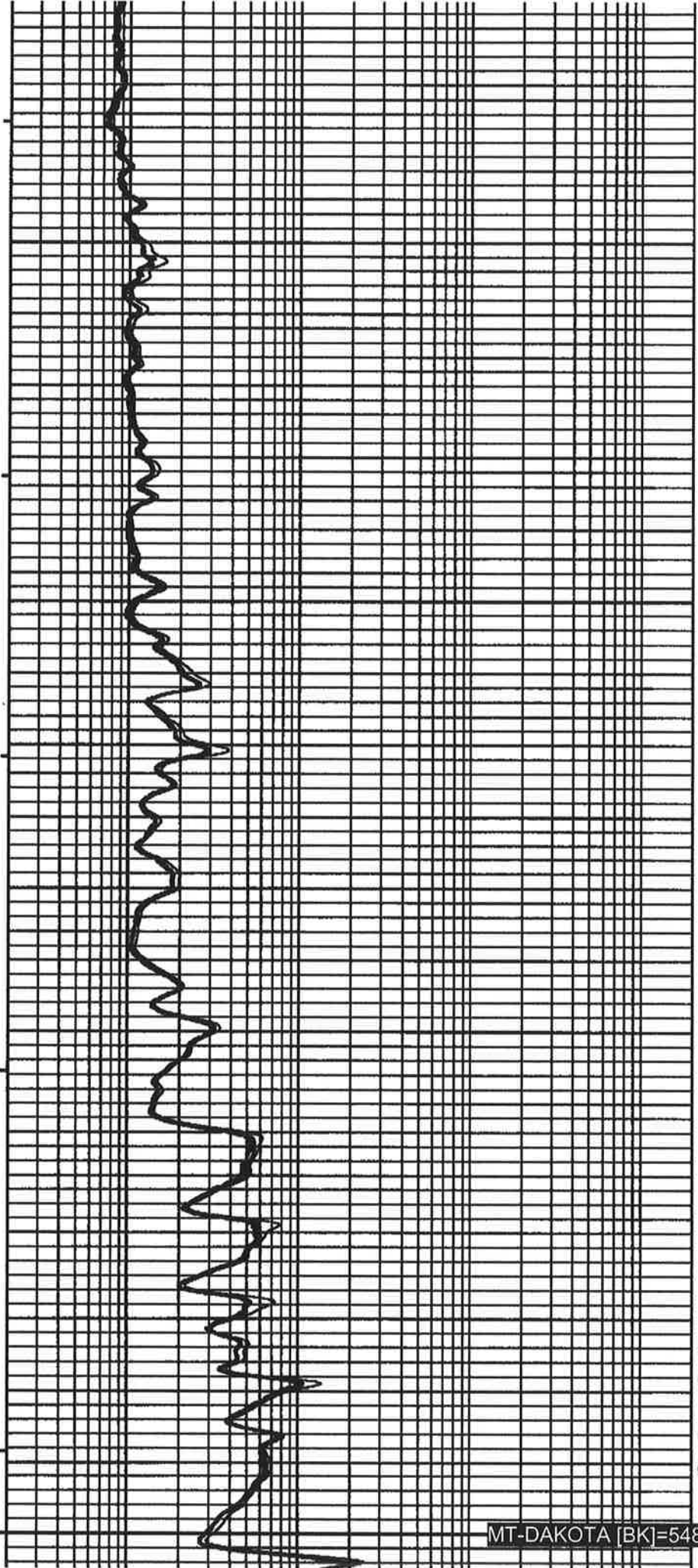


Exhibit 3A: Log of Injection Intervals



3200
5300

5400



MT-DAKOTA [BK]-5480.0

26-2024

Exhibit 3A: Log of Injection Intervals

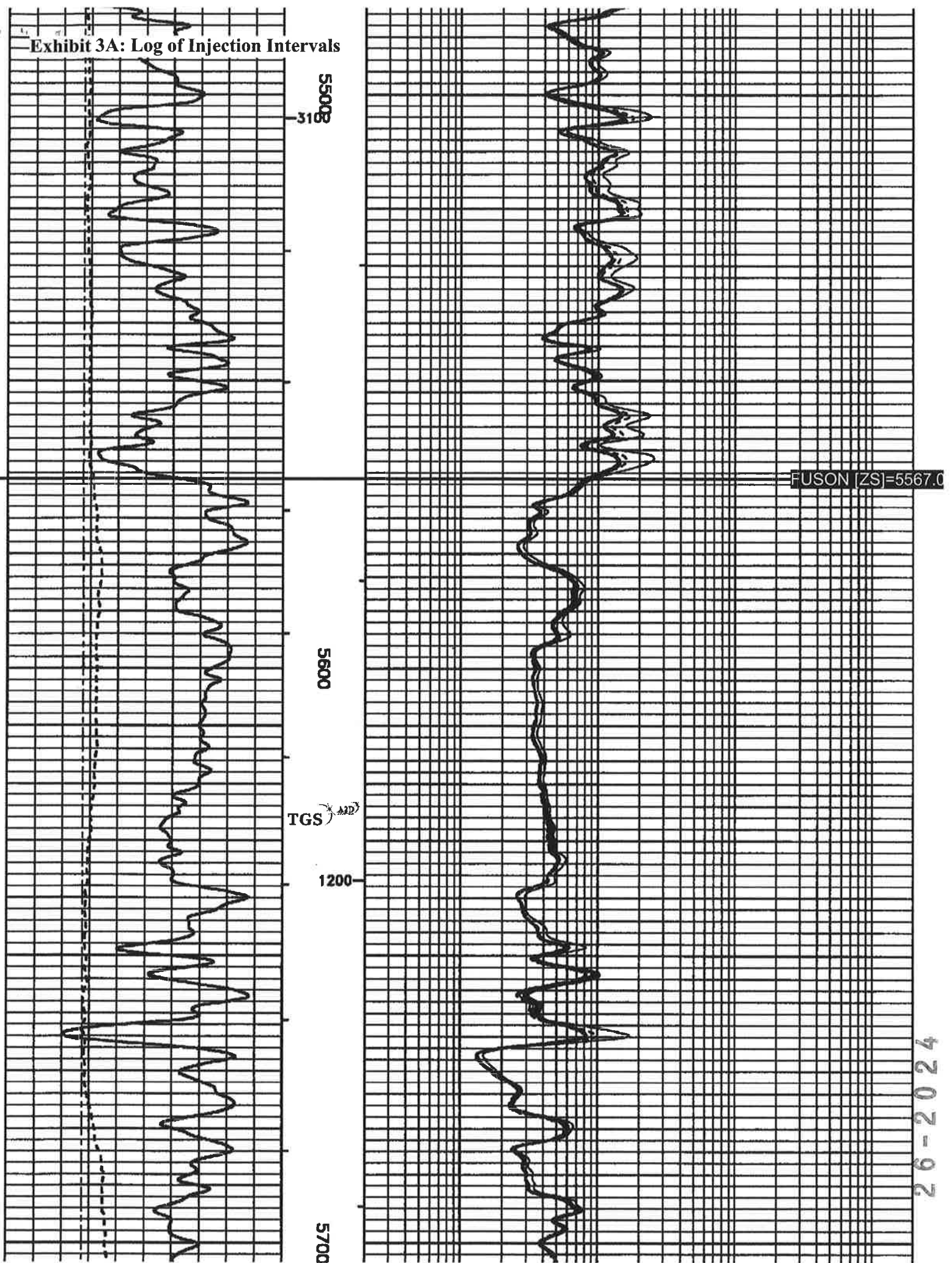


Exhibit 3A: Log of Injection Intervals

3000

MT-LAKOTA (MBOGC)=5726.0

5800

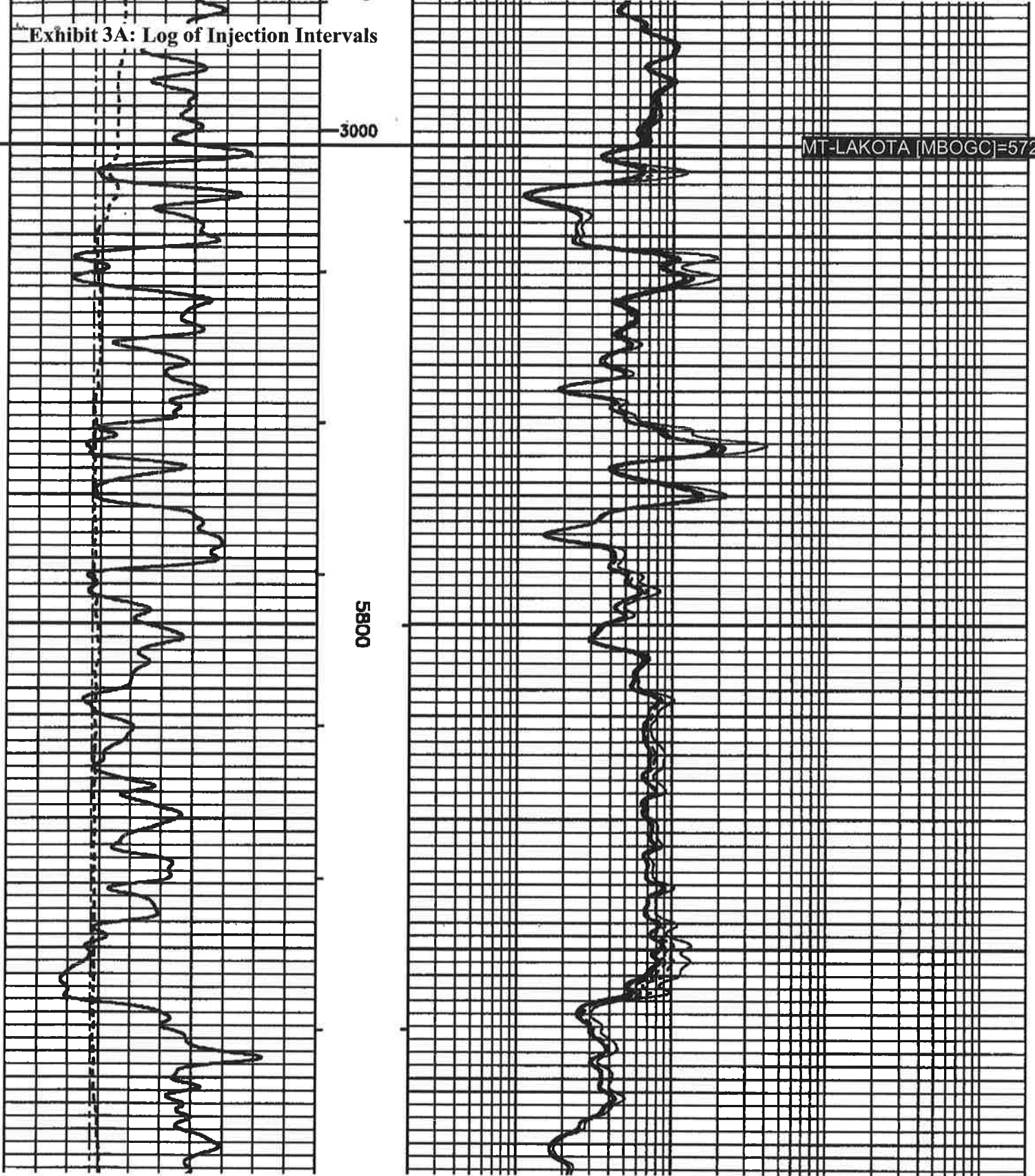


Exhibit 4A: Dakota/ Lakota Swab Sample Results

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND. 58801

701-572-3632

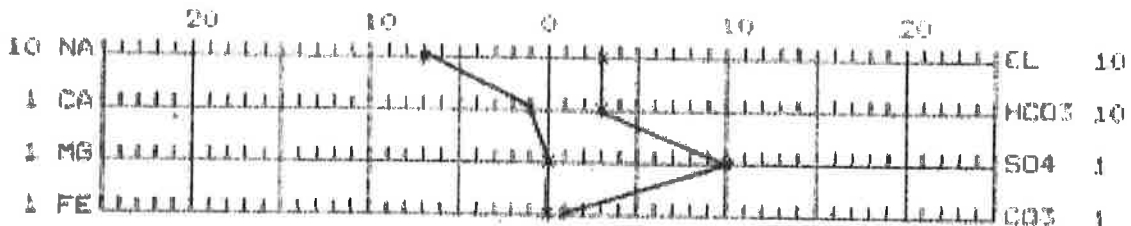
WATER ANALYSIS REPORT

| | | | |
|-----------|---------------------|----------------------------------|--------------|
| OPERATOR: | ENERPLUS L.P. | DATE: | 4/8/09 |
| WELL NO. | LONE TREE EDNA 1-13 | LAB NO.: | W-09-1703 |
| FIELD: | not listed | FORMATION: | Upper Dakota |
| COUNTY: | Richland | INTERVAL: | 5388-5608 |
| STATE: | MT | DIST #: | |
| LOG: | not listed | SAMPLE RUN #9-SAMPLE 65 BBLs OUT | |

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 1710.0 | 74.4 | CHLORIDE | 1125.5 | 31.7 |
| CALCIUM | 13.0 | 0.6 | CARBONATE | 24.0 | 0.8 |
| MAGNESIUM | 3.8 | 0.3 | BICARBONATE | 1977.0 | 32.4 |
| IRON | 0.6 | 0.0 | SULFATE | 436.8 | 9.5 |
| POTASSIUM | 11.8 | 0.3 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

| | | | |
|-------------------------------------|--------|------------------|--------|
| SPECIFIC GRAVITY @ 77°F | 1.006 | PH | 7.88 |
| RESISTIVITY @ 77°F, ohm-meters | 1.558 | NACL (Calc.) | 1855.9 |
| TOTAL DISSOLVED SOLIDS (Calc.) MG/L | 5322.6 | HYDROGEN SULFIDE | NEG |

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - Run #9 Sample 65 BBLs out.
Received 4/8/09.

DISTRIBUTION OF RESULTS
Rocky Border -- Sidney MT.
Lynn Sundby -- Halliburton - Williston ND.

Exhibit 4A: Dakota/ Lakota Swab Sample Results

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND, 58801

701-572-3632

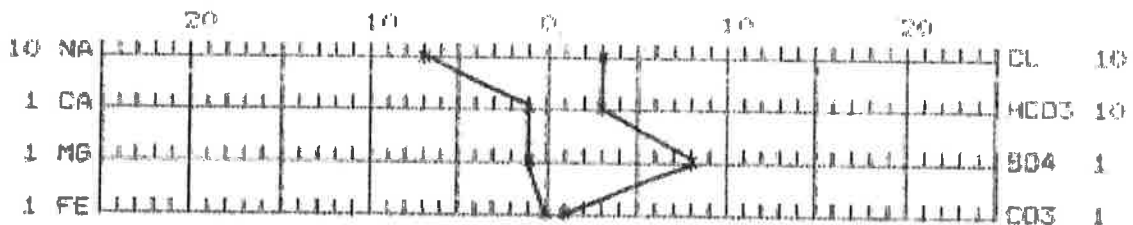
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS L.P. DATE: 4/8/09
 WELL NO. LONE TREE EDNA 1-13 LAB NO.: W-09-1705
 FIELD: not listed FORMATION: Upper Dakota
 COUNTY: Richland INTERVAL: 5588-5608
 STATE: MT DST #:
 LOC: not listed SAMPLE RUN #16-SAMPLE 130 BBLs BACK

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 1680.0 | 73.1 | CHLORIDE | 1114.7 | 31.4 |
| CALCIUM | 14.8 | 0.7 | CARBONATE | 31.5 | 1.1 |
| MAGNESIUM | 7.6 | 0.6 | BICARBONATE | 1922.1 | 31.9 |
| IRON | 1.2 | 0.1 | SULFATE | 391.2 | 8.1 |
| POTASSIUM | 9.9 | 0.3 | NItrate | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.85
 RESISTIVITY @ 77°F, ohm-centimeters 1.569 NaCl (Calc.) 1838.1
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 5173.0 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - Run #16 Sample 130 BBLs Back.
 Received 4/8/09.

DISTRIBUTION OF RESULTS
 Rocky Gorder -- Sidney MT.
 Lynn Sundby -- Halliburton - Williston ND.

Exhibit 4A: Dakota/ Lakota Swab Sample Results

BATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1327
WILLISTON, ND, 58801

701-572-3632

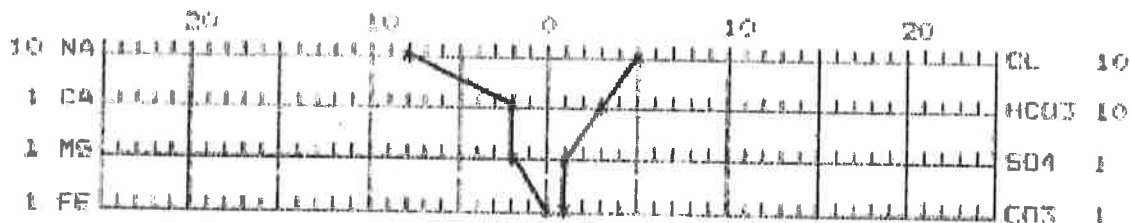
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE: 4/7/09
 WELL NO. LONE TREE EDNA 1-13 LAB NO.: W-09-1692
 FIELD: not listed FORMATION: Lower Dakota
 COUNTY: Richland INTERVAL: 5044'-5064'
 STATE: MT DST #:
 LOC: not listed SAMPLE 4th RUN - TUBING SWAB 4/6/09

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 1700.0 | 07.6 | CHLORIDE | 1893.9 | 53.4 |
| CALCIUM | 40.7 | 2.0 | CARBONATE | 28.5 | 0.9 |
| MAGNESIUM | 22.9 | 1.8 | BICARBONATE | 1726.9 | 28.3 |
| IRON | 1.0 | 0.1 | SULFATE | 67.3 | 1.4 |
| POTASSIUM | 32.3 | 0.8 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 8.01
 RESISTIVITY @ 77°F, ohm-meters 1.442 NAOL (Calc.) 3122.9
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 5713.4 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - 4th RUN TUBING SWAB 4/6/09.

DISTRIBUTION OF RESULTS
 Rocky Gorder -- Sidney MT.
 Lynn Sundry -- Halliburton - Williston ND

Exhibit 4A: Dakota/ Lakota Swab Sample Results

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

F.O.B.D. 1827
WILLISTON, ND. 58801

701-572-3632

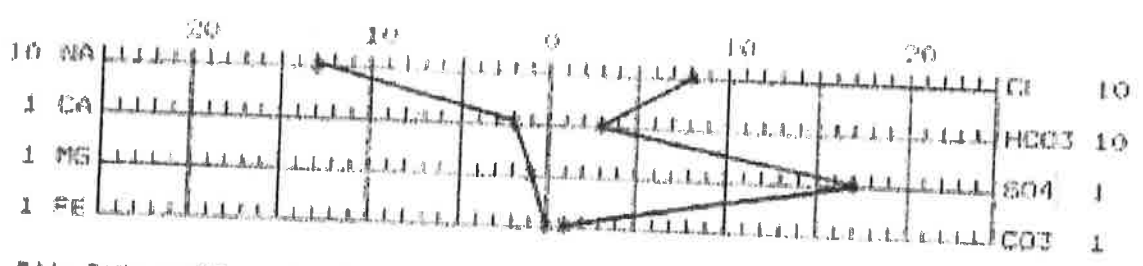
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE: 4/7/09
 WELL NO. LONE TREE EDNA 1-13 LAB NO.: W-09-1675
 FIELD: not listed FORMATION: Lower Dakota
 COUNTY: Richland INTERVAL: 5844'-5864'
 STATE: MT DST #:
 LOC: not listed SAMPLE 5TH SWAB RUN-FORMATION 4/6/09

| CATIONS | | | ANIONS | | |
|-----------|--------|-------|-------------|--------|-------|
| | MG/L | MEQ/L | | MG/L | MEQ/L |
| SODIUM | 2089.0 | 125.3 | CHLORIDE | 2921.9 | 82.4 |
| CALCIUM | 37.0 | 1.8 | CARBONATE | 18.0 | 0.6 |
| MAGNESIUM | 13.4 | 1.1 | BICARBONATE | 1202.5 | 27.9 |
| IRON | 2.1 | 0.1 | SULFATE | 827.7 | 17.2 |
| POTASSIUM | 49.2 | 1.3 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.79
 RESISTIVITY @ 77°F, ohm-centimeters 1.018 NaCl (Calc.) 4818.2
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 8451.8 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - 5th RUN SWAB - FORMATION SAMPLE 4/6/09,
 Received 4/7/09.

DISTRIBUTION OF RESULTS
 Rocky Border -- Sidney MT.
 Lynn Sundry -- Halliburton - Williston ND.

Exhibit 4A: Dakota/ Lakota Swab Sample Results

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O. BOX 1527
WILLISTON, ND. 58801

701-572-3632

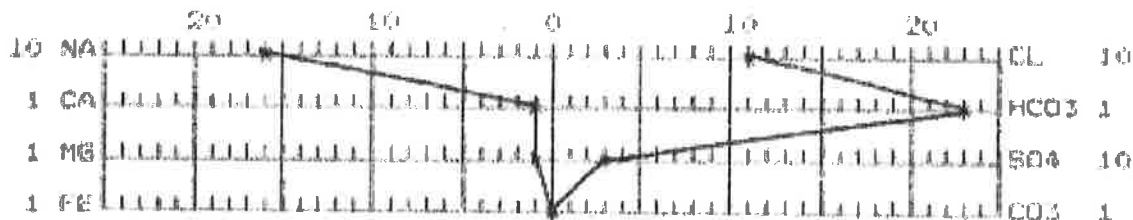
WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE: 4/7/09
 WELL NO. LONG TREE EDNA 1-13 LAB NO.: W-09-1694
 FIELD: not listed FORMATION: Lower Dakota
 COUNTY: Richland INTERVAL: 5844'-5864'
 STATE: MT DST #:
 LOC: not listed SAMPLE 11TH SWAB RUN-TOTAL 105 BBLs

| CATIONS | MG/L | MEQ/L | ANIONS | MG/L | MEQ/L |
|-----------|--------|-------|-------------|--------|-------|
| SODIUM | 3580.0 | 155.7 | CHLORIDE | 3766.1 | 106.2 |
| CALCIUM | 29.6 | 1.3 | CARBONATE | 0.0 | 0.0 |
| MAGNESIUM | 11.4 | 0.9 | BICARBONATE | 1418.7 | 28.2 |
| IRON | 0.2 | 0.0 | SULFATE | 1532.2 | 31.9 |
| POTASSIUM | 17.4 | 0.4 | NITRATE | 0.0 | 0.0 |
| BARIUM | 0.0 | 0.0 | | | |
| CHROMIUM | 0.0 | 0.0 | | | |

SPECIFIC GRAVITY @ 77°F 1.000 PH 7.55
 RESISTIVITY @ 77°F, ohm-meters 0.912 NAOL (Calc.) 6210.2
 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 10332.3 HYDROGEN SULFIDE NEG

WATER ANALYSIS PATTERN - MEQ/L



REMARKS - 11th RUN SWAB - TOTAL 105 BBL 4/6/09.
 Received 4/7/09.

DISTRIBUTION OF RESULTS
 Rocky Gorder -- Sidney MT.
 Lynn Sundby -- Halliburton - Williston ND.