

MAR 08 2024

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

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING A PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 13 AND 24, T24N-R56E AND ALL OF SECTIONS 18 AND 19, T24N-R57E, RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION FROM APPLICANT'S JOHNSON 41X-25 WELL, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. <u>[[[-1</u>]]24

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 and operator within the above-described tract, and its Johnson 41X-25 well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
- 2. To efficiently and economically develop the reservoir, and to protect correlative rights of all owners in the captioned lands, All of Sections 13 and 24, Township 24 North, Range 56 East & All of Sections 18 and 19, Township 24 North, Range 57 East, M.P.M., Richland County, Montana should be designated a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from Applicant's Johnson 41X-25 well.

#### [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 designating All of Sections 13 and 24, Township 24 North, Range 56 East & All of Sections 18 and 19, Township 24 North, Range 57 East, M.P.M., Richland County, Montana, a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from Applicant's Johnson 41X-25 well.

Dated this 6th day of March, 2024.

WHITE ROCK OIL & GAS, LLC

Bv.

Urjah J. Price, Its Attorney Crowley Fleck, PLLP P. O. Box 10969 Bozeman, MT 59719

uprice@crowleyfleck.com



MAR 08 2024

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

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER POOLING ALL INTERESTS IN THE PERMANENT SPACING UNIT ("PSU") COMPRISED OF ALL OF SECTIONS 13 AND 24, T24N-R56E AND ALL OF SECTIONS 18 AND 19, T24N-R57E, RICHLAND COUNTY, MONTANA, FOR THE PRODUCTION OF OIL AND ASSOCIATED NATURAL GAS FROM THE BAKKEN/THREE FORKS FORMATION FROM APPLICANT'S JOHNSON 41X-25 WELL, REQEUST FOR NON-CONSENT PENALTIES AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. <u>17-2</u>024
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 and operator within the above-described tract, and its Johnson 41X-25 well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
- 2. It is anticipated that the captioned lands will comprise a PSU for purposes of Bakken/Three Forks formation production, as to the Johnson 41X-25 well, 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 the PSU with respect to the Johnson 41X-25 well, and it is anticipated that such pooling cannot be consummated prior to the hearing on this application.
- 4. In the absence of voluntarily pooling all interests within the proposed 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 PSU comprised of All of Sections 13 and 24, Township 24 North, Range 56 East & All of Sections 18 and 19, Township 24 North, Range 57 East, M.P.M., Richland County, Montana, for the production of oil and associated natural gas from the Bakken/Three Forks formation with respect to the Johnson 41X-25 well, and authorizing recovery of non-consent penalties in accordance with Section 82-11-202(2), M.C.A., with respect to the Johnson 41X-25 well.

Dated this 6th day of March, 2024.

WHITE ROCK OIL & GAS, LLC

Rv

Urian J. Price, Its Attorney Crowley Fleck, PLLP

P. O. Box 10969

Bozeman, MT 59719

uprice@crowleyfleck.com

IN THE MATTER OF THE APPLICATION OF BLUEBIRD ENERGY LLC TO AMEND BOARD ORDER 70-2023 TO PROVIDE THAT OPERATIONS FOR THE DRILLING OF A WELL IN THE **TEMPORARY SPACING UNIT** COMPRISED OF ALL OF SECTIONS 24, 25 AND 36, TOWNSHIP 29 NORTH, **RANGE** 57 EAST, ROOSEVELT **MUST** COUNTY, MONTANA, COMMENCED PRIOR TO AUGUST 10. 2025

MBOGC Docket No.	68-2024
APPLICATION	

RECEIVED

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BLUBIRD ENERGY, LLC, 2650 Overland Avenue, Billings, MT 59102:

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

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

- 1. Applicant is an interest owner and operator within Sections 24, 25 and 36, Township 29 North, Range 57 East, Roosevelt County, Montana, which tracts are presently spaced with respect to the Bakken formation by Order No. 70-2023.
- Applicant requests that Bord Order No. 70-2023 be amended to provide that operations for drilling a well in the above-described spacing unit must be commenced prior to August 10, 2025, with all other provisions in Board Order No. 70-2023 remaining in full force and effect.

#### [B] Requests:

- 1. This matter be set for hearing and placed on the Docket, with notice given as required by law.
- 2. After hearing the matter, the Board enter its order amending Order No. 70-2023 to provide that operations for drilling a well in Sections 24, 25 and 36, Township 29 North, Range 57 East, Roosevelt County, Montana must be commenced prior to August 10, 2025, with all other provisions in Board Order No. 70-2023 remaining in full force and effect

Dated May 2, 2024.

BLUEBIRD ENERGY, LLC

Scotti Gray

Attorney for Applicant

IN THE MATTER OF THE APPLICATION OF KRAKEN OIL & GAS LLC FOR AN ORDER AMENDING MBOGC ORDER NO. 78-2023, WHICH CREATED A TEMPORARY SPACING UNIT ("TSU") COMPRISED OF ALL OF SECTIONS 6, 7, 18 AND 19, TOWNSHIP 24 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 SAID TSU, VACATING MBOGC ORDER NOS. 209-2014 AND 321-2014, AND SUCH OTHER AND FURTHER RELIEF AS THE MBOGC MAY DEEM APPROPRIATE

**MBOGC DOCKET NO.** <u>19</u>-2024

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within all or portions of Sections 6, 7, 18 and 19, Township 24 North, Range 59 East, M.P.M., Richland County, Montana, which tracts comprise a TSU pursuant to MBOGC Order No. 78-2023.
- 2. MBOGC Order No. 78-2023 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 TSU comprised of All of Sections 6, 7, 18 and 19, Township 24 North, Range 59 East, M.P.M., but required that such operations be commenced within one year of August 10, 2023.
- 3. There is a possibility that drilling operations on the subject TSU might not be commenced prior to August 10, 2024, thus Applicant seeks an extension of the drilling requirement set forth in Order No. 78-2023 to August 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. 78-2023 to provide that operations for the drilling of a well in the TSU comprised of All of Sections 6, 7, 18 and 19, Township 24 North, Range 59 East, M.P.M., must be commenced prior to August 15, 2025, but leaving all other provisions in said order unchanged and in full force and effect.

DATED this 23rd day of April, 2024.

By:

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

KRAKEN OIL & GAS I

P.O. Box 2529

Billings, MT 59103-2529

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 58 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. 70-2024

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within the above-described tract, and its Verrene 15-22 #2H and Verrene 15-22 #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. 298-2012.
- 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 Verrene 15-22 #2H and Verrene 15-22 #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 15 and 22, Township 25 North, Range 58 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 Verrene 15-22 #2H and Verrene 15-22 #3H wells.

DATED this 2nd day of May, 2024.

By

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

KRAKEN OIL & GAS L

P.O. Box 2529

Billings, MT 59103-2529

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 16 AND 21, TOWNSHIP 25 NORTH, RANGE 58 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. 7 /- 2024

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within the above-described tract, and its Kennedy 16-21 #1H well has been successfully completed as a commercial producer of oil and associated natural gas from the Bakken/Three Forks formation thereunder.
- 2. The Kennedy 16-21 #1H 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 16 and 21, Township 25 North, Range 58 East, M.P.M., Richland County, 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 Kennedy 16-21 #2H, Kennedy 16-21 #3H and Kennedy 16-21 #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 16 and 21, Township 25 North, Range 58 East, M.P.M., Richland County, Montana, as a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from the Kennedy 16-21 #1H, Kennedy 16-21 #2H, Kennedy 16-21 #3H and Kennedy 16-21 #4H wells.

DATED this 2<sup>nd</sup> day of May, 2024.

KRAKEN OIL & GAS LLC

БУ

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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 58 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. 72-2014

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- Applicant is an interest owner and operator within the above-described tract, and its Kennedy 16-21 #1H, Kennedy 16-21 #2H, Kennedy 16-21 #3H and Kennedy 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. 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 Kennedy 16-21 #1H, Kennedy 16-21 #2H, Kennedy 16-21 #3H and Kennedy 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 58 East, M.P.M., Richland County, Montana, for production of oil and associated natural gas from the Bakken/Three Forks formation with respect to the Kennedy 16-21 #1H, Kennedy 16-21 #2H, Kennedy 16-21 #3H and Kennedy 16-21 #4H wells. Applicant is NOT seeking recovery of non-consent penalties.

DATED this 2nd day of May, 2024.

Ву

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

KRAKEN OIL & GAS DEC

P.O. Box 2529

Billings, MT 59103-2529

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 6, 7 AND 18, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT 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. <u>73-202</u> 4

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

#### A Presents the following application:

- 1. Applicant is an interest owner and operator within the above-described tract, and its Willard 18-7-6 #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 Willard 18-7-6 #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 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt County, 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 Willard 18-7-6 #3H well 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 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana, as a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from the Willard 18-7-6 #2H and Willard 18-7-6 #3H wells.

DATED this 2nd day of May, 2024.

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John R. Lee, Its Attorney

CROWLEY FLECK PLLP P.O. Box 2529

Billings, MT 59103-2529

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 6, 7 AND 18, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT 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. 74-1024

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within the above-described tract, and its Willard 18-7-6 #2H and Willard 18-7-6 #3H 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 Willard 18-7-6 #2H and Willard 18-7-6 #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 6, 7 and 18, Township 28 North, Range 59 East, M.P.M., Roosevelt 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 Willard 18-7-6 #2H and Willard 18-7-6 #3H wells.

DATED this 2<sup>nd</sup> day of May, 2024.

Ву\_

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

KRAKEN OIL & GAS L

P.O. Box 2529

Billings, MT 59103-2529

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 19, 30 AND 31, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT 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. <u>75-2024</u>

APPLICATION

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KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within the above-described tract, and its Wilde 19-30-31 #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 Wilde 19-30-31 #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 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, 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 Wilde 19-30-31 #3H well 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 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana, as a PSU for the production of oil and associated natural gas from the Bakken/Three Forks formation from the Wilde 19-30-31 #2H and Wilde 19-30-31 #3H wells.

DATED this 2nd day of May, 2024.

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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 19, 30 AND 31, TOWNSHIP 28 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT 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. 76-2024

APPLICATION

KRAKEN OIL & GAS LLC, 945 Bunker Hill Road, Suite 1200, Houston, Texas 77024:

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

- 1. Applicant is an interest owner and operator within the above-described tract, and its Wilde 19-30-31 #2H and Wilde 19-30-31 #3H 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 Wilde 19-30-31 #2H and Wilde 19-30-31 #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 19, 30 and 31, Township 28 North, Range 59 East, M.P.M., Roosevelt County, Montana, for production of oil and associated natural gas from the Bakken/Three Forks formation with respect to the Wilde 19-30-31 #2H and Wilde 19-30-31 #3H wells. Applicant is NOT seeking recovery of non-consent penalties.

DATED this 2nd day of May, 2024.

KRAKEN OIL & CAS LL

John R. Lee, Its Attorney

CROWLEY FLECK PLLP

P.O. Box 2529

Billings, MT 59103-2529

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. 77-1614
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

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 7th day of May, 2024.

WHITE ROCK OIL & GAS, LLC

Urian J. Price, Its Attorney

Crowley Fleck, PLLP

P. O. Box 10969

Bozeman, MT 59719

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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 20, 29 AND 32, 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. 238-2007, 108-2008 & 73-2009, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 76-1014
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 20, 29 and 32, Township 22 North, Range 59 East, M.P.M., Richland County, Montana. Sections 20 and 17 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. Section 29, along with Section 30, is presently subject to MBOGC Order Nos. 183-2007 (PSU) and 108-2008 (pooling), and White Rock operates the Yellowstone 44X-29 well located in the laydown PSU comprised of Sections 29 and 30, Township 22 North, Range 59 East. Section 32, along with Section 31, is presently subject to MBOGC Order Nos. 13-2009 (PSU) and 73-2009 (pooling), and White Rock operates the Joe G. 44X-25 well located in the laydown PSU comprised of Sections 31 and 32, 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 20, 29 and 32, Township 22 North, Range 59 East, M.P.M. 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. To preserve correlative rights of all interest owners in Sections 29 & 30, MBOGC Order No. 108-2008 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 Yellowstone 44X-29 well. To preserve correlative rights of all interest owners in Sections 31 & 32, MBOGC Order No. 73-2009 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 Joe G. 44X-25.
- 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 20, 29 and 32, Township 22 North, Range 59 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 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; (iii) amending MBOGC Order 108-2008 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Yellowstone 44X-29 well; (iv) amending MBOGC Order 73-2009 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Joe G. 44X-25 well; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 7th day of May, 2024.

WHITE ROCK OIL & GAS, LLC

By

Urian J. Price, Its Attorney

Crowley Fleck, PLLP P. O. Box 10969

Bozeman, MT 59719

uprice@crowleyfleck.com

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 6, 7 AND 18, TOWNSHIP 22 NORTH, RANGE 59 M.P.M., RICHLAND COUNTY, MONTANA, AND EAST, 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. 56-2007 & 26-2010, VACATING MBOGC ORDER NO. 61-2008, AND ANY OTHER RELIEF THAT THE **MBOGC** MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 79-2014
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 6, 7 and 18, Township 22 North, Range 59 East, M.P.M., Richland County, Montana. Sections 6 and 7 are presently subject to MBOGC Order Nos. 261-2006 (PSU), 56-2007 (pooling) and 61-2008 (inc. density), and White Rock Oil & Gas, LLC operates the Groskinsky 44X-6 well located in the PSU comprised of Sections 6 and 7, Township 22 North, Range 59 East. Section 18, along with Section 19, is presently subject to MBOGC Order Nos. 54-2007 (PSU) and 26-2010 (pooling), and White Rock operates the Haffner 11X-18 well located in the PSU comprised of Sections 18 and 19, 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 6, 7 and 18, Township 22 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 6 and 7, MBOGC Order No. 56-2007 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 Groskinsky 44X-6 well. To preserve correlative rights of all interest owners in Sections 18 & 19, MBOGC Order No. 26-2010 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 Haffner 11X-18 well. It will also be necessary to vacate MBOGC Order No. 61-2008.
- 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 6, 7 and 18, Township 22 North, Range 59 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 56-2007 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Groskinsky 44X-6 well; (iii) amending MBOGC Order 26-2010 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Haffner 11X-18 well; (iv) vacating MBOGC Order 61-2008; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 7th day of May, 2024.

WHITE ROCK OIL & GAS, LLC

By

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

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 19, 30 AND 31, TOWNSHIP 22 NORTH, RANGE 59 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF Α 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. 26-2010, 108-2008 & 73-2009, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. 90 - 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 19, 30 and 31, Township 22 North, Range 59 East, M.P.M., Richland County, Montana. Section 19, along with Section 18, is presently subject to MBOGC Order Nos. 54-2007 (PSU) and 26-2010 (pooling), and White Rock operates the Haffner 11X-18 well located in the PSU comprised of Sections 18 and 19, Township 22 North, Range 59 East. Section 30, along with Section 29, is presently subject to MBOGC Order Nos. 183-2007 (PSU) and 108-2008 (pooling), and White Rock operates the Yellowstone 44X-29 well located in the laydown PSU comprised of Sections 29 and 30, Township 22 North, Range 59 East. Section 31, along with Section 32, is presently subject to MBOGC Order Nos. 13-2009 (PSU) and 73-2009 (pooling), and White Rock operates the Joe G. 44X-25 well located in the laydown PSU comprised of Sections 31 and 32, 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 too setback) / 500' (lateral setback) to the exterior boundaries of, an OTSU comprised of all of Sections 19, 30 and 31, Township 22 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 18 & 19, MBOGC Order No. 26-2010 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 Haffner 11X-18 well. To preserve correlative rights of all interest owners in Sections 29 & 30, MBOGC Order No. 108-2008 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 Yellowstone 44X-29 well. To preserve correlative rights of all interest owners in Sections 31 & 32, MBOGC Order No. 73-2009 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 Joe G. 44X-25.
- 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 19, 30 and 31, Township 22 North, Range 59 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 26-2010 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Haffner 11X-18 well; (iii) amending MBOGC Order 108-2008 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Yellowstone 44X-29 well; (iv) amending MBOGC Order 73-2009 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Joe G. 44X-25 well; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 7th day of May, 2024.

WHITE ROCK OIL & GAS, LLC

By

Urlan J. Price, Its Attorney Crowley Fleck, PLLP

P. O. Box 10969

Bozeman, MT 59719

uprice@crowleyfleck.com

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING A TEMPORARY SPACING UNIT ("TSU") COMPRISED OF ALL OF SECTIONS 13 AND 14, TOWNSHIP 25 NORTH, RANGE 57 EAST, AND ALL OF SECTION 18, TOWNSHIP 25 NORTH, RANGE 58 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL TOE SETBACK) / 500' (LATERAL SETBACK) TO THE BOUNDARIES OF THE TSU, AND ANY RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO. <u>91-10</u>24 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 14, Township 25 North, Range 57 East, and Section 18, Township 25 North, Range 58 East M.P.M., Richland County, Montana. The captioned lands are subject to Board Order 380-2011, with respect to the Bakken/Three Forks Formation.
- 2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries of, a TSU comprised of all of Sections 13 and 14, Township 25 North, Range 57 East, and all of Section 18, Township 25 North, Range 58 East M.P.M., Richland County, Montana.
- 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 creating a TSU comprised of all of Sections 13 and 14, Township 25 North, Range 57 East, and all of Section 18, Township 25 North, Range 58 East M.P.M., Richland County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such TSU but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof.

Dated this 7th day of May, 2024.

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### WHITE ROCK OIL & GAS, LLC

By

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

IN THE MATTER OF THE APPLICATION OF WHITE ROCK OIL & GAS, LLC FOR AN ORDER CREATING A TEMPORARY SPACING UNIT ("TSU") COMPRISED OF ALL OF SECTIONS 23 AND 24, TOWNSHIP 25 NORTH, RANGE 57 EAST, AND ALL OF SECTION 19, TOWNSHIP 25 NORTH, RANGE 58 EAST, M.P.M., RICHLAND COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL TOE SETBACK) / 500' (LATERAL SETBACK) TO THE BOUNDARIES OF THE TSU, AND ANY **DEEM** RELIEF THAT THE MBOGC MAY OTHER APPROPRIATE.

MBOGC DOCKET NO. <u>82-2024</u>
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 23 and 24, Township 25 North, Range 57 East, and Section 19, Township 25 North, Range 58 East M.P.M., Richland County, Montana. The captioned lands are subject to Board Order 380-2011, with respect to the Bakken/Three Forks Formation.
- 2. To more efficiently and economically recover Bakken/Three Forks formation reserves underlying the captioned lands, Applicant proposes to drill a horizontal Bakken/Three Forks formation well at a location within, but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries of, a TSU comprised of all of Sections 23 and 24, Township 25 North, Range 57 East, and all of Section 19, Township 25 North, Range 58 East M.P.M., Richland County, Montana.
- 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 creating a TSU comprised of all of Sections 23 and 24, Township 25 North, Range 57 East, and all of Section 19, Township 25 North, Range 58 East M.P.M., Richland County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such TSU but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof.

Dated	this	$7^{th}$	day	of	May,	2024

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### WHITE ROCK OIL & GAS, LLC

By

Uran 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	)	
CONTINENTAL RESOURCES, INC. FOR AN	)	
ORDER AUTHORIZING THE DRILLING OF	)	
AN ADDITIONAL BAKKEN/THREE FORKS	)	APPLICATION
FORMATION HORIZONTAL WELL IN THE	)	
OVERLAPPING TEMPORARY SPACING	)	
UNIT ("OTSU") COMPRISED OF ALL OF	)	
SECTIONS 13, 24 AND 25, TOWNSHIP 28	)	DOCKET NO. <u>93</u> -2024
NORTH, RANGE 57 EAST, ROOSEVELT	)	
COUNTY, MONTANA, AT ANY LOCATION	)	
NOT CLOSER THAN 200' (HEEL/TOE	)	
SETBACK) AND 500' (LATERAL SETBACK)	)	
TO THE EXTERIOR BOUNDARIES	)	
THEREOF.		

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CONTINENTAL RESOURCES, INC. ("Applicant"), P.O. Box 269091, Oklahoma City, Oklahoma 73126, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the following described lands in Roosevelt County:

#### Township 28 North, Range 57 East, MPM

Section 13: All

Section 24: All

Section 25: All

Containing 1,920.00 acres, more or less

- 2. Pursuant to Montana Board of Oil and Gas Conservation Order No. 18-2024 Applicant obtained an overlapping temporary spacing unit ("OTSU") comprised of all of Sections 13, 24 and 25, Township 28 North, Range 57 East for purposes of Bakken/Three Forks formation production.
- 3. Applicant requests authorization to drill and produce an additional Bakken/Three Forks Formation horizontal well within said OTSU, at any location not closer than 200 feet (heel/toe setback) and 500 feet (lateral setback) to the exterior boundaries thereof.

WHEREFORE, Applicant requests the following:

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

Dated May 8, 2024.

CONTINENTAL RESOURCES, INC.

By:

Patrick B. McRorie Lathrop GPM LLP 675 15th Street, Suite 2650

Denver, CO 80202

Telephone: (720) 931-3226 Facsimile: (720) 931-3201

patrick.mcrorie@lathropgpm.com

Attorney for Applicant

#### 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 AUTHORIZING THE DRILLING OF AN ADDITIONAL BAKKEN/THREE FORKS APPLICATION FORMATION HORIZONTAL WELL IN THE COVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 14, 23 AND 26, TOWNSHIP 28 DOCKET NO. 64 - 2024 NORTH, RANGE 57 EAST, ROOSEVELT COUNTY, MONTANA, AT ANY LOCATION NOT CLOSER THAN 200' (HEEL/TOE SETBACK) AND 500' (LATERAL SETBACK) TO THE EXTERIOR BOUNDARIES

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CONTINENTAL RESOURCES, INC. ("Applicant"), P.O. Box 269091, Oklahoma City, Oklahoma 73126, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the following described lands in Roosevelt County:

#### Township 28 North, Range 57 East, MPM

Section 14: All

THEREOF.

Section 23: All

Section 26: All

Containing 1,920.00 acres, more or less

- 2. Pursuant to Montana Board of Oil and Gas Conservation Order No. 17-2024 Applicant obtained an overlapping temporary spacing unit ("OTSU") comprised of all of Sections 14, 23 and 26, Township 28 North, Range 57 East for purposes of Bakken/Three Forks formation production.
- 3. Applicant requests authorization to drill and produce an additional Bakken/Three Forks Formation horizontal well within said OTSU, at any location not closer than 200 feet (heel/toe setback) and 500 feet (lateral setback) to the exterior boundaries thereof.

WHEREFORE, Applicant requests the following:

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

Dated May 8, 2024.

CONTINENTAL RESOURCES, INC.

By:

Patrick B. McRorie
Lathrop GPM LLP
675 15 Street, Suite 2650

Denver, CO 80202

Telephone: (720) 931-3226 Facsimile: (720) 931-3201

patrick.mcrorie@lathropgpm.com

Attorney for Applicant

IN THE MATTER OF THE APPLICATION OF PHOENIX OPERATING LLC FOR AN ORDER VACATING AND RESCINDING BOARD ORDER NO. 130-2010 **DESIGNATING SECTIONS 29 AND 32,** TOWNSHIP 30 NORTH, RANGE 59 EAST, ROOSEVELT COUNTY, AS A TEMPORARY SPACING UNIT FOR THE DRILLING OF A HORIZONTAL BAKKEN FORMATION WELL, AND ADDITIONALLY FOR AN ORDER DESIGNATING AND DELINATEING A TEMPORARY SPACING UNIT **CONSISTING OF SECTIONS 20, 29 AND 32,** TOWNSHIP 30 NORTH, RANGE 59 EAST. AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' TO THE NORTH/SOUTH BOUNDARIES (HEEL/TOE SETBACKS) AND 500' TO THE EAST/WEST BOUNDARIES (LATERAL SETBACKS) OF THE REQUESTED TEMPORARY SPACING UNIT.

APPLICATION

DOCKET NO. 95 - 2024

Phoenix Operating LLC ("Applicant"), 4643 South Ulster Street, Suite 1510, Denver, Colorado 80237, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the following described lands in Roosevelt County:

Township 30 North, Range 59 East, MPM

Section 20: All Section 29: All Section 32: All

Containing 1,920.00 acres, more or less

2. Pursuant to Board Order No. 130-2010, dated June 17, 2010, this Board designated Sections 29 and 32 set forth immediately above as a temporary spacing unit for the drilling of a Bakken Formation horizontal well. The proposed well the subject of said Order was never drilled nor has said Order been vacated by this Board and for good cause Applicant requests that Order No. 130-2010 be vacated and rescinded.

- 3. Applicant desires to drill a horizontal Bakken/Three Forks Formation well within and upon Sections 20, 29 and 32 described above and in order to more efficiently and economically recover Bakken/Three Forks oil and associated natural gas therefrom believes the temporary spacing unit therefore should consist of Sections 20, 29 and 32 described above.
- 4. Applicant believes the requested 200' heel/toe setbacks and 500' lateral setbacks from the spacing unit boundaries are necessary in order to adequately and efficiently increase the ultimate recovery of Bakken/Three Forks Formation oil and associated natural gas from the requested temporary spacing unit.
- 5. In the event Applicant's horizontal Bakken/Three Forks Formation well referred to above is authorized by this Board and thereafter drilled and completed as a well capable of commercial production of Bakken/Three Forks Formation oil and associated natural gas, within ninety (90) days of such completion Applicant will file an appropriate Application with the Board requesting a permanent spacing unit for said well and Bakken/Three Forks Formation oil and associated natural gas produced therefrom.
- 6. Applicant believes that granting of the requests herein will serve to protect the correlative rights of all interested parties and will be in the best interests of prevention of waste and conservation of Bakken/Three Forks Formation oil and natural gas produced in association therewith.

WHEREFORE, Applicant requests the following:

- 1. This matter be set for hearing by the Board with notice given as required by law;
- 2. After hearing this matter the Board enter its Order vacating and rescinding Board Order No. 130-2010 and terminating the temporary spacing unit created thereby;
- 3. After hearing this matter the Board enter its Order designating Sections 20, 29 and 32 described above as a temporary spacing unit and authorizing Applicant to drill, complete and produce Bakken/Three Forks Formation oil and associated natural gas from the proposed well within and upon said temporary spacing unit; and
- 4. For such other or additional relief as the Board may deem appropriate.

Dated May 13, 2024.

LEE LAW OFFICE PC

By:

Don R. Lee, Attorney for Applicant

Lee Law Office PC

158 Main Street - P.O. Box 790

Shelby, MT 59474

Telephone: (406) 434-5244 Facsimile: (406) 434-5246

Email: don@leelawofficepc.com

IN THE MATTER OF THE APPLICATION OF PHOENIX OPERATING LLC FOR AN ORDER AUTHORIZING THE DRILLING OF TWO (2) ADDITIONAL HORIZONTAL BAKKEN/THREE FORKS FORMATION WELLS WITHIN AND UPON THE TEMPORARY SPACING UNIT COMPRISED OF ALL OF SECTIONS 20, 29 AND 32, TOWNSHIP 30 NORTH, RANGE 59 EAST, ROOSEVELT COUNTY, AT ANY LOCATIONS NOT CLOSER THAN 200' (HEEL/TOE SETBACKS) AND 500' (LATERAL SETBACKS) TO THE **BOUNDARIES THEREOF, AND SUCH** OTHER AND FURTHER RELIEF AS THE BOARD MAY DEEM APPROPRIATE.

APPLICATION

DOCKET NO. % - 2024

Phoenix Operating LLC ("Applicant"), 4643 South Ulster Street, Suite 1510, Denver, Colorado 80237, presents the following Application:

1. Applicant is the owner of oil and gas leasehold interests in, to and under the following described lands in Roosevelt County:

Township 30 North, Range 59 East, MPM

Section 20: All Section 29: All

Section 32: All

Containing 1,920.00 acres, more or less

- Applicant requests an Order from this Board authorizing the drilling of and production from two (2) additional horizontal Bakken/Three Forks Formation wells within and upon the temporary spacing unit comprised of the above lands, at any location not closer than 200' (heel/toe setbacks) and 500' (lateral setbacks) to the exterior boundaries of said temporary spacing unit.
- Applicant believes that approval and granting of the request herein will be in the best interests of
  prevention of waste of oil and associated natural gas and the conservation thereof and will not
  adversely affect the correlative rights of any interested party.

WHEREFORE, Applicant requests the following:

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

- 2. After hearing this matter the Board enter its Order authorizing the Applicant to drill two (2) additional Bakken/Three Forks Formation wells within and upon the temporary spacing unit consisting of Sections 20, 29 and 32, but not closer than 200' (heel/toe setbacks) and 500' (lateral setbacks) to the exterior boundaries of said temporary spacing unit; and
- 3. For such other or additional relief as the Board may deem appropriate.

Dated May 8, 2024.

LEE LAW OFFICE PC

By:

Don R. Lee, Attorney for Applicant

Lee Law Office PC

158 Main Street - P.O. Box 790

Shelby, MT 59474

Telephone: (406) 434-5244 Facsimile: (406) 434-5246

Email: don@leelawofficepc.com

IN THE MATTER OF THE APPLICATION OF OASIS PETROLEUM NORTH AMERICA LLC FOR AN ORDER CREATING AN OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 4, 9, 16 AND 21, TOWNSHIP 27 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL TOE SETBACK) / 500' (LATERAL SETBACK) TO THE BOUNDARIES OF THE OTSU, CLARIFYING MBOGC ORDER NOS. 354-2012 & 93-2015, AMENDING MBOGC ORDER NOS. 113-2014 & 117-2014, AND ANY OTHER RELIEF THAT THE MBOGC MAY DEEM APPROPRIATE.

MBOGC DOCKET NO.<u>87–2</u>024 APPLICATION

OASIS PETROLEUM NORTH AMERICA LLC, 1001 FANNIN STREET, STE 1500, HOUSTON, TX 77002

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

- 1. Applicant is an interest owner within all or portions of Sections 4, 9, 16 and 21, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana. Sections 4 & 9 are presently subject to MBOGC Order Nos. 354-2012 and 113-2014, and Oasis Petroleum North America LLC operates the Ella Marie 2759 42-9H, Romo Bro Margaret 2759 43-9B, Romo Bro Ray 2759 43-9B and Romo Bro Louise 43-9B wells located in the permanent spacing unit comprised of all of Sections 4 & 9, Township 27 North, Range 59 East. Sections 16 & 21 are presently subject to MBOGC Order Nos. 271-2012, 117-2014 and 93-2015, and Oasis Petroleum North America LLC operates the Falcon Federal 2759 12-16H, Falcon Federal 2759 44-9 4T, Falcon Federal 2759 44-9 2T and Falcon Federal 2759 44-9 3B wells located in the permanent spacing unit comprised of all of Sections 16 & 21, Township 27 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 4, 9, 16 and 21, Township 27 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 4 & 9, MBOGC Order No. 354-2012 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 Ella Marie 2759 42-9H, Romo Bro Margaret 2759 43-9B, Romo Bro Ray 2759 43-9B and Romo Bro Louise 43-9B wells. To preserve correlative rights of all interest owners in Sections 16 & 21, MBOGC Order No. 93-2015 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 Falcon Federal 2759 12-16H, Falcon Federal 2759 44-9 4T, Falcon Federal 2759 44-9 2T and Falcon Federal 2759 44-9 3B wells. It will also be necessary to amend MBOGC Order Nos. 113-2014 and 117-2014 to limit the total number of wells authorized in each permanent spacing unit to four, as opposed to 6.
- 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 4, 9, 16 and 21, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof; (ii) amending MBOGC Order 354-2012 to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Ella Marie 2759 42-9H, Romo Bro Margaret 2759 43-9B, Romo Bro Ray 2759 43-9B and Romo Bro Louise 43-9B wells; (iii) amending MBOGC Order 93-2015 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Falcon Federal 2759 12-16H, Falcon Federal 2759 44-9 4T, Falcon Federal 2759 44-9 2T and Falcon Federal 2759 44-9 3B wells; (iv) amending MBOGC Order Nos. 113-2014 and 117-2014 to limit the total number of wells authorized in the respective permanent spacing units to four; and (v) any other relief as the MBOGC may deem appropriate.

Dated this 9th day of May, 2024.

OASIS PETROLEUM NORTH AMERICA LLC

By

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

IN THE MATTER OF THE APPLICATION OF OASIS PETROLEUM NORTH AMERICA LLC FOR AN ORDER AUTHORIZING THE DRILLING OF UP TO ONE (1) ADDITIONAL HORIZONTAL BAKKEN/THREE **FORKS** FORMATION WELL IN THE OVERLAPPING TEMPORARY SPACING UNIT ("OTSU") COMPRISED OF ALL OF SECTIONS 4, 9, 16 AND 21, TOWNSHIP 27 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AT ANY LOCATION NOT CLOSER THAN 200' (HEEL TOE SETBACK) / 500' (LATERAL SETBACK) TO THE BOUNDARIES OF THE OTSU, AND ANY RELIEF THAT THE MBOGC MAY **DEEM** APPROPRIATE.

MBOGC DOCKET NO. 98-2024 APPLICATION

OASIS PETROLEUM NORTH AMERICA LLC, 1001 FANNIN STREET, STE 1500, HOUSTON, TX 77002

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

- Applicant is an interest owner within all or portions of Sections 4, 9, 16 and 21, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana. It is anticipated that such lands will comprise an overlapping temporary spacing unit ("OTSU") for purposes of Bakken/Three Forks formation production pursuant to Montana Board of Oil and Gas Conservation Order No. -2024.
- Applicant requests authority to drill up to one (1) additional horizontal Bakken/Three Forks formation well within the OTSU, at any location not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof, if in its judgment as operator of the OTSU such operations appear reasonable and prudent.

#### [B] Requests:

- 1. This matter be set for hearing, with notice given as required by law and the MOU;
- 2. After hearing the matter, the Board enter its order authorizing the Applicant to drill up to one (1) additional horizontal Bakken/Three Forks formation well at any location within, but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries of, the OTSU comprised of all of Sections 4, 9, 16 and 21, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana.

Dated this 9th day of May, 2024.

OASIS PETROLEUM NORTH AMERICA LLC

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 OASIS PETROLEUM NORTH AMERICA LLC FOR AN ORDER CREATING AN UNIT ("OTSU") OVERLAPPING **TEMPORARY** SPACING COMPRISED OF ALL OF SECTIONS 1, 2, 11, 12, 13, 14, 23 AND 24, TOWNSHIP 27 NORTH, RANGE 59 EAST, M.P.M., ROOSEVELT COUNTY, MONTANA, AND AUTHORIZING THE DRILLING OF A HORIZONTAL BAKKEN/THREE FORKS FORMATION WELL THEREON AT ANY LOCATION NOT CLOSER THAN 200' (HEEL TOE SETBACK) / 500' (LATERAL SETBACK) TO THE BOUNDARIES OF THE OTSU, CLARIFYING MBOGC ORDER NOS. 92-2015 & 374-2011, AMENDING MBOGC ORDER NO. 279-2012 AND BLM ORDER NO. 29-2012 FED, AMENDING MBOGC ORDER NO. 281-2012 AND BLM ORDER NO. 30-2012 FED, AND ANY OTHER RELIEF THAT THE MBOGC OR BLM MAY DEEM APPROPRIATE.

BLM DOCKET NO. 99-2024

MBOGC DOCKET NO. 10-2024 FED

APPLICATION

OASIS PETROLEUM NORTH AMERICA LLC, 1001 FANNIN STREET, STE 1500, HOUSTON, TX 77002

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

- 1. Applicant is an interest owner within all or portions of Sections 1, 2, 11, 12, 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana. Sections 1, 2, 11 and 12 are presently subject to MBOGC Order Nos. 58-2011 (PSU), 279-2012 (inc. density), 92-2015 (pooling) and BLM Order Nos. 2-2011 FED (PSU) and 29-2012 FED (inc. density), and Oasis Petroleum North America LLC operates the Amazing Grace Federal 11-2H, Justice Federal 2759 44-11T and Mercy Federal 2759 44-11B wells located in the permanent spacing unit comprised of all of Sections 1, 2, 11 and 12, Township 27 North, Range 59 East. Sections 13, 14, 23 and 24 are presently subject to MBOGC Order Nos. 373-2011 (PSU), 281-2012 (inc. density), 374-2011 (pooling) and BLM Order Nos. 26-2011 FED (PSU) and 30-2012 FED (inc. density), and Oasis Petroleum North America LLC operates the Wilson Federal 14-23H, Jimbo Federal 2759 12-14B, Jimbo Federal 2759 44-11-5B and Jimbo Federal 2759 44-11-6T wells located in the permanent spacing unit comprised of all of Sections 13, 14, 23 and 24, Township 27 North, Range 59 East.
- 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 1, 2, 11, 12, 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 1, 2, 11 and 12, MBOGC Order No. 92-2015 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 Amazing Grace Federal 11-2H, Justice Federal 2759 44-11T and Mercy Federal 2759 44-11B wells. It will also be necessary to amend MBOGC Order No. 279-2012 and BLM Order No. 29-2012 FED to allow the applicant to drill up to five (5) total wells (as opposed to seven (7) total) in the existing permanent spacing unit comprised of Sections 1, 2, 11 and 12, Township 27 North, Range 59 East, M.P.M. To preserve correlative rights of all interest owners in Sections 13, 14, 23 and 24, MBOGC Order No. 374-2011 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 Wilson Federal 14-23H, Jimbo Federal 2759 12-14B, Jimbo Federal 2759 44-11-5B and Jimbo Federal 2759 44-11-6T wells. It will also be necessary to amend MBOGC Order No. 281-2012 and BLM Order No. 30-2012 FED to limit the total number of wells authorized in the permanent spacing unit comprised of Sections 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., to five (5), rather than seven (7).

- 3. The SW¼ of Section 11 and the W½SW¼ of Section 24, Township 27 North, Range 59 East, M.P.M., include Indian lands, and accordingly, the MOU between the United States BLM and the MBOGC is applicable.
- 4. 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;
- After hearing the matter, the MBOGC enter an order (i) creating an OTSU comprised of ALL of Sections 1, 2, 11, 12, 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof; (ii) amending MBOGC Order 92-2015 to clarify that the order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Amazing Grace Federal 11-2H, Justice Federal 2759 44-11T and Mercy Federal 2759 44-11B wells; (iii) amending MBOGC Order 374-2011 to clarify that the pooling order is limited to oil and associated natural gas produced from the Bakken/Three Forks formation from the Wilson Federal 14-23H, Jimbo Federal 2759 12-14B, Jimbo Federal 2759 44-11-5B and Jimbo Federal 2759 44-11-6T wells; (iv) amending MBOGC Order No. 279-2012 to limit the total number of wells authorized in the permanent spacing unit comprised of Sections 1, 2, 11 and 12, Township 27 North, Range 59 East, M.P.M., to five (5); (v) amending MBOGC Order No. 281-2012 to limit the total number of wells authorized in the permanent spacing unit comprised of Sections 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., to five (5); and (vi) any other relief as the MBOGC may deem appropriate; and
- 3. After hearing the matter, the BLM enter an order (i) approving an OTSU comprised of ALL of Sections 1, 2, 11, 12, 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., Roosevelt County, Montana, and authorizing the drilling of a horizontal Bakken/Three Forks formation well at any location within such OTSU but not closer than 200' (heel toe setback) / 500' (lateral setback) to the exterior boundaries thereof; (ii) amending BLM Order No. 29-2012 FED to limit the total number of wells authorized in the permanent spacing unit comprised of Sections 1, 2, 11 and 12, Township 27 North, Range 59 East, M.P.M., to five (5); (iii) amending BLM Order No. 30-2012 FED to limit the total number of wells authorized in the permanent spacing unit comprised of Sections 13, 14, 23 and 24, Township 27 North, Range 59 East, M.P.M., to five (5); and (iv) any other relief as the BLM may deem appropriate.

Dated this 9th day of May, 2024.

OASIS PETROLEUM NORTH AMERICA LLC

By

Urian J. Price, Its Attorney Crowley Fleck, PLLP P. O. Box 10969 Bozeman, MT 59719

uprice@crowleyfleck.com



May 9, 2024

**RECEIVED** 

Mr. Amit Garg
Underground Injection Control (UIC) Program Director
Montana Board of Oil and Gas Conservation
2535 St. Johns Avenue
Billings, MT 59102

MAY 09 2024

MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS

RE:

Request for Aquifer Exemption

Charlie Creek BN 8-23 located in Section 23, Township 25N, Range 54E

Richland County, Montana

Dear Mr. Amit Garg,

Please accept the Aquifer Exemption request to supplement the White Rock Oil and Gas, LLC. Charlie Creek BN 8-23 Disposal Application for the June 13, 2024, Montana Board of Oil and Gas hearing.

The Dakota/Lakota and Kibbey Lime are being evaluated for injection zones. There is water data available on the Dakota/ Lakota but not the Kibbey Lime. The assumption is that an aquifer exemption will be required unless water quality data from the Charlie Creek BN 8-23 indicates water not acceptable as USDW. 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 outside the area of review that indicates the TDS is less than 10,000 ppm. The Lakota noted as Lower Dakota in the water analysis provided swabbed higher than 10,000 ppm TDS after 11 swab runs. The TDS of the Dakota and Lakota will be confirmed with swab results upon completion. In addition to swab results, cost analysis data indicates that a Dakota/Lakota freshwater supply well in this area is unlikely. The basis of the exemption is that the Dakota/ Lakota does not currently serve as a source of drinking water because the Dakota/Lakota is situated at a depth or location which makes recovery of water for drinking water purposes economically or technologically impractical.

Based on data from numerous published sources, two aquifers in the area meet the criteria of a USDW. These are shallow alluvium associated with lager streams and the Yellowstone River and the Upper Cretaceous Fox Hills Hell Creek sandstone aquifer. Neither of these would be affected by injection of the proposed location. There are no water wells producing from any zones located within the one quarter mile area of review. There also not any water wells producing from any zones located within an expanded ½ view around the injection well. There are no water supply wells penetrating the Dakota formation within ½ mile area surrounding the Charlie Creek BN 8-23 which is specifically requested information per 36.22.1418(1)(a).

To protect freshwater zones, drilling practices include drilling through these possible freshwater zones and setting surface casing. Surface casing is cemented to surface. There are only gamma ray logs that run through the Fox Hills formations due to this formation being isolated behind casing and cement. To supplement information on the depth of possible freshwater zones, the Applicant references Montana Bureau of Mines and Geology reports on groundwater throughout the area. Underground Sources of Drinking Water (USDW) having TDS of less than 1200 mg/liter area available to the base of the Fox Hills at a depth of 1000 to 1200 ft. Per the Montana Bureau of Mines and Geology Montana Ground Water Assessment Atlas No from February 1997, Revision 2 Dec 21, 1998, estimates the Base of the Fox Hills at approximately 1000 to 1200 ft.

The Kibbey Lime and the Dakota are not used as a USDW in this area due to the existence of shallower freshwater aquifers. As a comparison to and based on recent drilling performance from A-1 Drilling in Laurel, MT, the cost to drill to 1,500 ft water well to the Fox Hills including the pump is approximately \$425,000. A water well company would need to contract to a drilling rig company to drill a Dakota/ Lakota well due to the depth limitations of water well drilling rigs. Based on White Rock drilling data, the cost to drill a well to 6,000 ft Dakota/ Lakota well and complete the zone would be approximately \$1,397,000. Since the Kibbey Lime is deeper than the Dakota, a freshwater well would also be economically prohibitive. Therefore, the applicant estimates the cost of drilling a well into the Kibbey Lime, Dakota and Lakota formations to be over three times the cost of drilling a well to the Fox Hills. Additionally, the cost of treating the Kibbey Lime, Dakota and Lakota waters would greatly exceed the cost of treating the Fox Hills water. See Exhibit 7A.

- 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.
  - The only private water well located within the ½ mile boundary around the proposed injection well is Ericksen Edward well with a depth of 0 ft drilled in 1960.
  - There are not any water samples within the ½ mile radius. The water sample for the Dakota/Lakota is shown in Exhibit 6A.
  - There are not any Dakota/ Lakota oil producing wells in this area as shown in Exhibit 1A producing wells and formations.
  - See Exhibit 2A for a map of water wells and producing wells.
- 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 Charlie Creek BN 8-23 SWD may be completed into the Kibbey Lime, Lakota and Dakota formations. See Exhibit 3A: Cross Section of Dakota/ Lakota and Exhibit 4A: Log of Injection Interval.

Water quality information for the proposed disposal zones in the immediate area of Charlie Creek BN 8-23 is not available. However, a water sample from the Dakota in RR Lonetree Edna 1-13 SWD located 13.15 miles southeast of the proposed disposal site

(1-1/2 mile SSW). The porosity was derived from either a density curve calculated on a limestone matrix, or a sonic log curve calculated using consolidated sand stone with pure water in matrix. Formation pressure was estimated using a water gradient of 0.435 psi/ft.

The confining formations for the proposed injection zones are the Otter for the upper confinement and the Kibbey Lime for the lower confinement. The actual fracture gradients for these confining zones are unknown, but fracture gradients for the confining shale layers are expected to be higher than those for the underlying limestone injection zone.

Formation	Lithology	Top (ft)	Bottom (ft)	Length (ft)	Comment
Otter	Shale	7,120	7,381	279	Upper confining layer
Kibbey Shale	Shale	7,540	7,620	80	Lower confining Layer #1
Charles	Anhydrite	7,620	8,187	567	Lower confining Layer #2

The confining formations for the proposed injection zones are the Skull Creek for the Dakota and the Fuson for the Lakota.

Formation	Lithology	Top (ft)	Bottom (ft)	Length (ft)
Skull Creek	Shale	4,729	4,919	190
Fuson	Shale	5,020	5,144	124
Swift	Shale	5,448	6,137	689

The Jurassic Swift formation is the lower confining layer. It is primarily a transgressive-regressive, clastic, shallow marine deposit composed of dark gray to greenish shales, and 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,

had total dissolved solids of between 5,173 to 10,352 mg/L, and water from the Dakota and Lakota in the Charlie Creek BN 8-23 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 Charlie Creek BN 8-23 SWD are as follows and can be viewed in the Well Bore Diagram in Exhibit 8A:

Formation	Interval	Lithology	Top (ft)	Bottom (ft)	Net Pay (ft)	Pressure (psi)	Porosity (%)
Kibbey	Average	Sandy-	7,381	7,538	40	3,312	12.5
Lime		Lime					
Kibbey	Upper	Sandy-	7,400	7,416	16	3,293	15.25
Lime		Lime					
Kibbey	Middle	Sandy-	7,419	7,449	10	3,300	10.25
Lime		Lime					
Kibbey	Lower	Sandy-	7,510	7,540	14	3,344	12.0
Lime		Lime					

Depth and net pay for each of the proposed injection zones are an estimate from the March-29-1977 Compensated Neutron Formation Density Log from the Charlie Creek BN 8-23. The porosity on the neutron/density log was ran with Limestone Matrix using 2.71 grain density. However, reviews of offset wells that cover this interval show that the Sonic porosity averages typically range higher across Richland County. Typically, the Sonic Porosities for Upper Zone averages 20-25%, Middle Zone averages 15%, and Lower Zone averages 16%. This can be seen in a near offset wellbore operated by WROG called Viara 2-35X (API: 2508322499) while looking at BHC Sonic 5 Inch Log.

Formation	Lithology	Top (ft)	Bottom (ft)	Net pay (ft)	Pressure (psi)	Porosity
Dakota	Sandstone	4,919	5,020	38	2,200	21%
Lakota	Sandstone	5,145	5,448	74	2,298	21%

Depth and net pay for each of the proposed injections zones are estimate from the March-29-1977, Laterlog-Gamma Ray log from the Charlie Creek BN 8-23. The porosity is based on sonic and density log estimates in the following wellbores: Vaira B-2 (1-3/4 mile S), Vaira 2-35X (1.81 mile S), Vaira B-2 (1.90 mile SSW), and Pruet-Cyrus Larson 26-1

glauconitic siltstones, and sandstones with associated shales. The Swift formation is approximately 689 ft in this area.

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.

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)

**Kibbey Lime Calculations** 

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

Kibbey:  $(3.14) (1320)^2 (40) (0.125) / 5.63 = 4.86 \times 10^6$ 

Minimum Water Injection Rate	0 BWPD
Average Water Injection Rate	1,100 BWPD
Maximum Water Injection Rate	4,320 BWPD
Radius of Emplaced Fluid	
Receive Net Thickness	40 FT
Injection Period (10 years)	3,650 DAYS
Injection Rate	32.1 GPM
Injection Rate	1,100 BWPD
Injection Rate	6,177 FT^3/DAY
Porosity	13%
Radius - Emplaced Fluid	1198 FT
Radius - Emplaced Fluid	0.23 miles
$r = (Q*time/((pi)*h*porosity))^0.5$	· <del></del>

#### Dakota/ Lakota Calculations

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

Lakota:  $(3.14) (1320)^2(74) (0.21)/5.63 = 1.51 \times 10^7$ Dakota:  $(3.14) (1320)^2(38) (0.21)/5.63 = 7.75 \times 10^6$ 

Total 2.29 x 10<sup>7</sup> bbls

Minimum Water Injection Rate	0 BWPD
Average Water Injection Rate	1,100 BWPD
Maximum Water Injection Rate	4,320 BWPD
Radius of Emplaced Fluid	15 16
Receive Net Thickness	112 FT
Injection Period (20 years)	7,300 DAYS
Injection Rate	32.1 GPM
Injection Rate	1,100 BWPD
Injection Rate	6,177 FT^3/DAY
Porosity	21%
Radius - Emplaced Fluid	781 FT
Radius - Emplaced Fluid	0.15 miles
$r = (Q*time/((pi)*h*porosity))^0.5$	

- 4) Water Quality analysis of the aquifer for exemption. How was water quality determined?
  - Water sample from a well 13.15 miles southeast of Charlie Creek BN 8-23. See Exhibit
     5A for the swab results of the water samples from Lone Tree Edna 1-13.

In addition to the technical data, the affidavits of notification to all concerned parties are attached as Exhibit 8A and Exhibit 9A. Please contact me if there are any questions regarding this submission.

Sincerely,

Shawna Bonini, PE Operations Engineer 406-690-0068

sbonini@whiterockog.com

#### **List of All Exhibits**

Exhibit 1A Map of General Area with Area of Review (AOR)

Exhibit 2A Map of freshwater wells with Area of Review (AOR)

Exhibit 3A Geologic Cross Section of the Kibbey/ Dakota/ Lakota

Exhibit 4A Log of Injection Intervals

Exhibit 5A Water Analysis of Injection Intervals

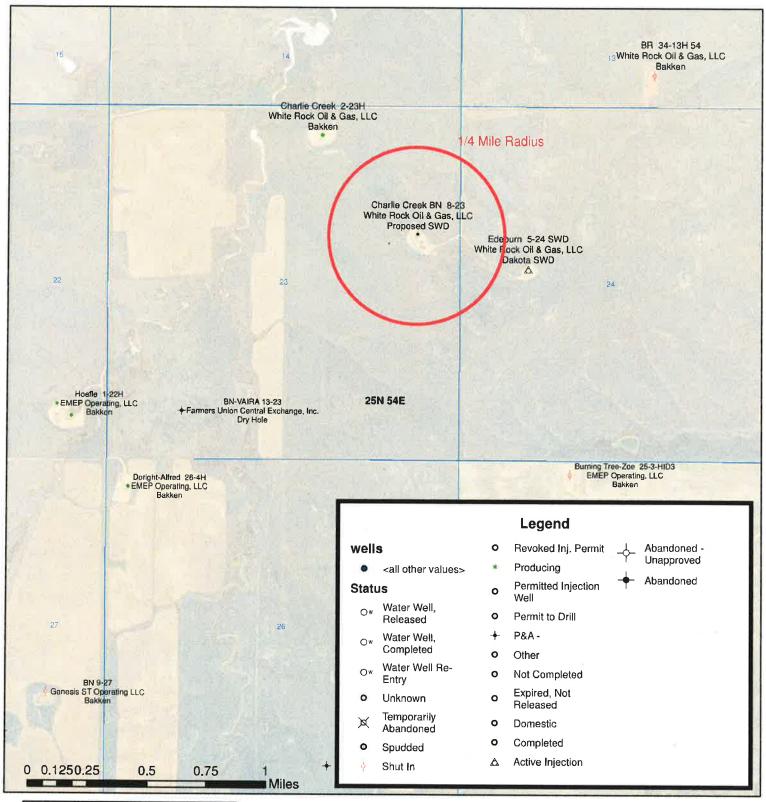
Exhibit 6A Estimated cost of drilling deep USDW

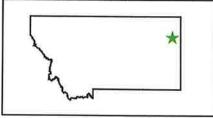
Exhibit 7A Wellbore Diagrams

Exhibit 8A Notification to Surface and Mineral Owners Letter

Exhibit 9A Affidavit of Notification to Surface and Mineral Owners





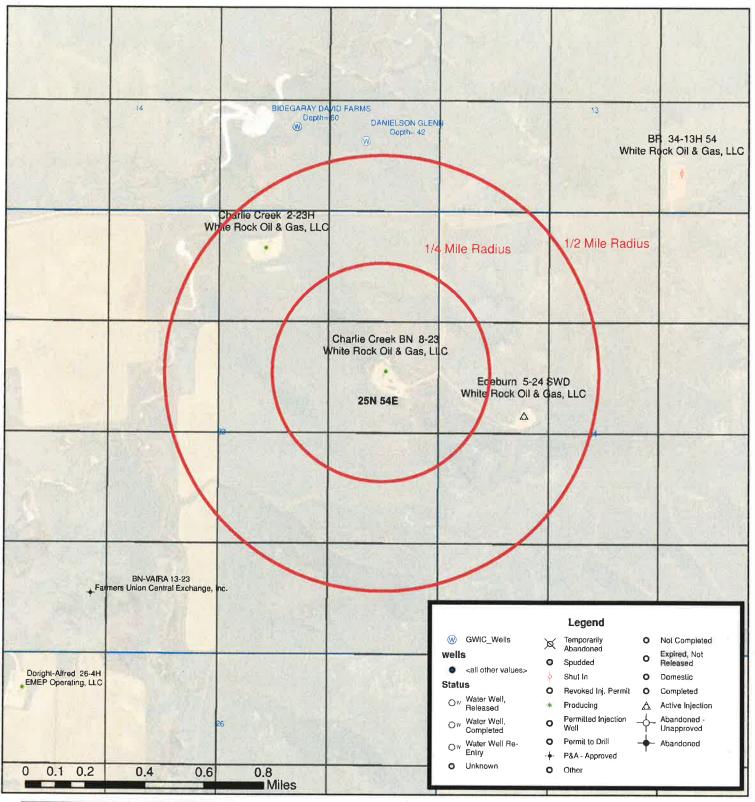


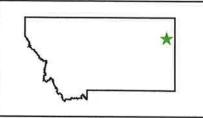
Charlie Creek BN 8-23 Proposed SWD Richland County, Montana 1980 ft FNL, 660 ft FEL Sec 23, T25N, R54E

Service Layer Credits: BLM Energy, Minerals & Realty Management Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere Projection: Mercator Auxiliary SphereDatum: WGS 1984



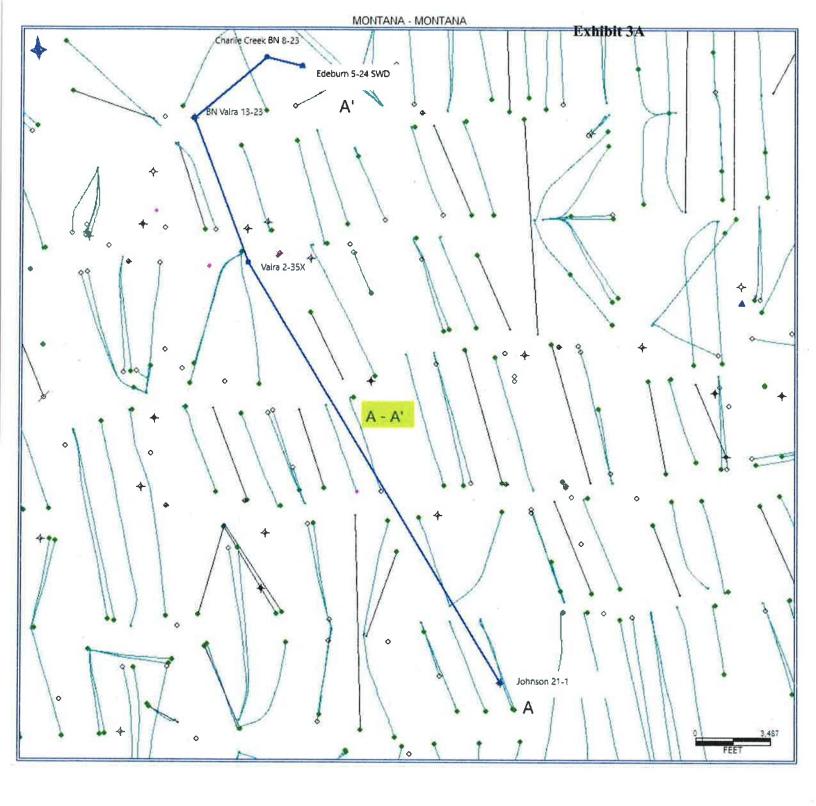


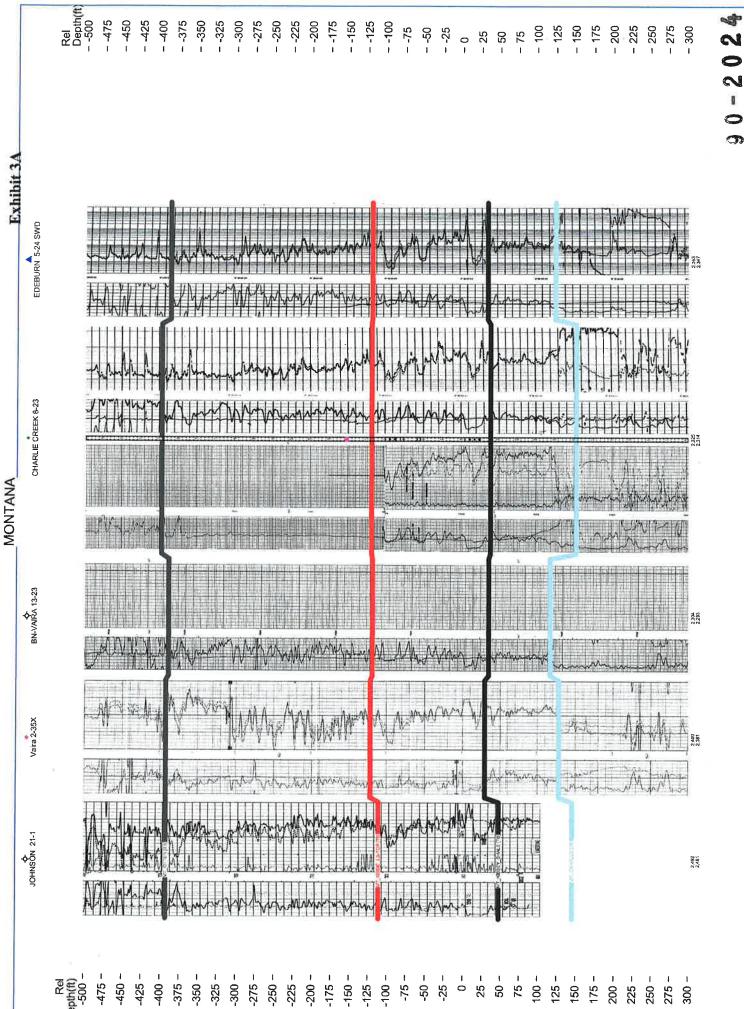




Charlie Creek BN 8-23 Proposed SWD Richland County, Montana 1980 ft FNL, 660 ft FEL Sec 23, T25N, R54E

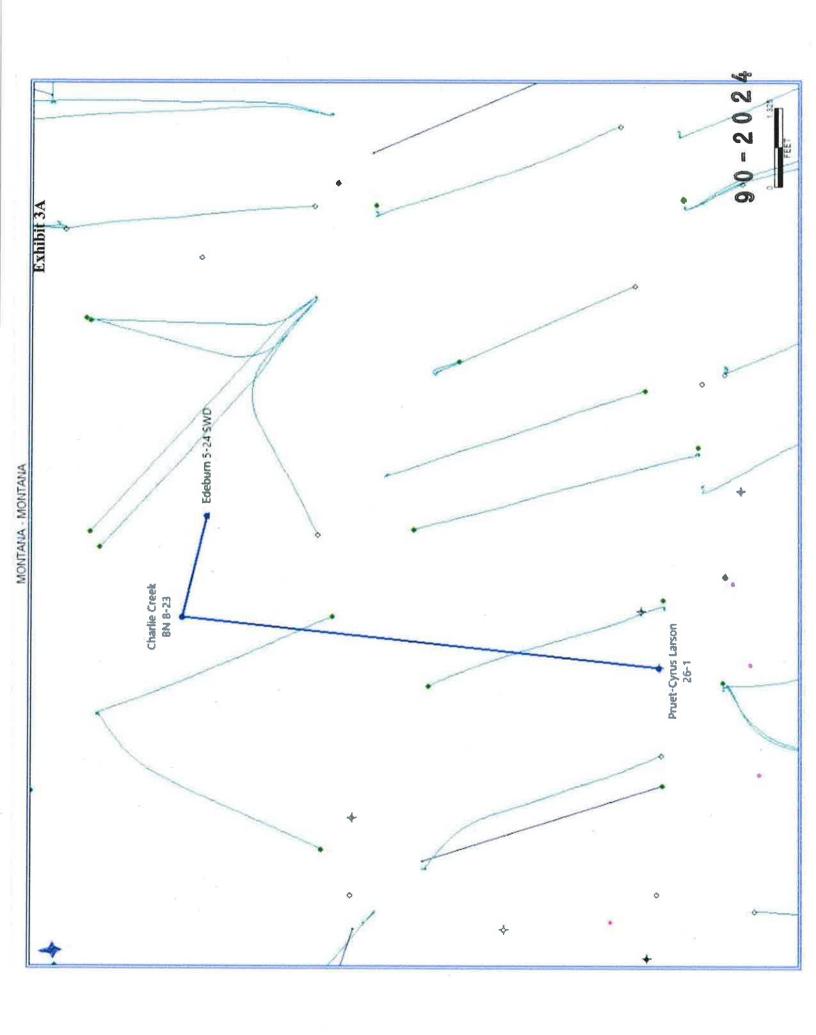
Service Layer Credits: BLM Energy, Minerals & Realty Management Esri, HERE, Garmin, (c) OpenStreelMap contributors, and the GIS user community Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere Projection: Mercator Auxiliary SphereDatum: WGS 1984

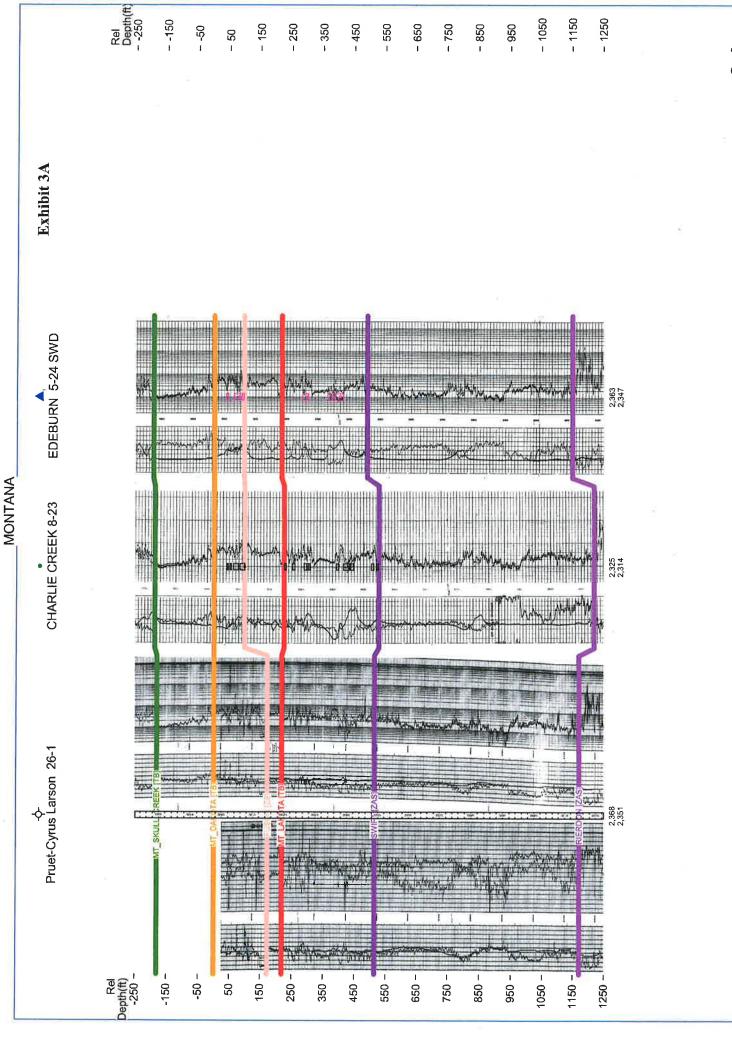




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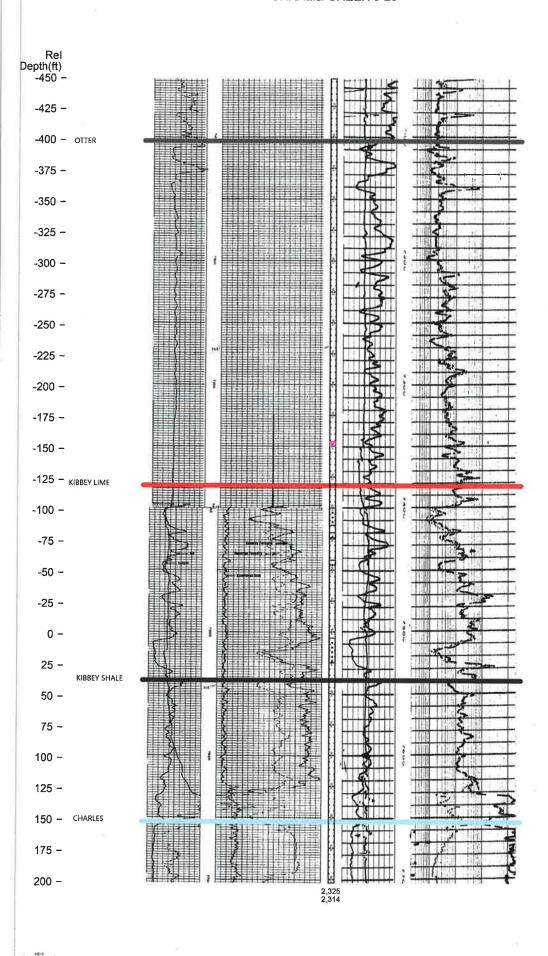




90-2024

PETRA 5/9/2024 10:08:31 AM

#### **CHARLIE CREEK 8-23**



Depth(ft) - -450 - -425 - -400 - -375 - -350 - -325 - -300 - -275 - -250 - -225 - -200 - -175 - -150 - -125 - -100 - -75 - -50 - -25 - 0 - 25 - 50 - 75 - 100 - 125 - 150 - 175 - 200

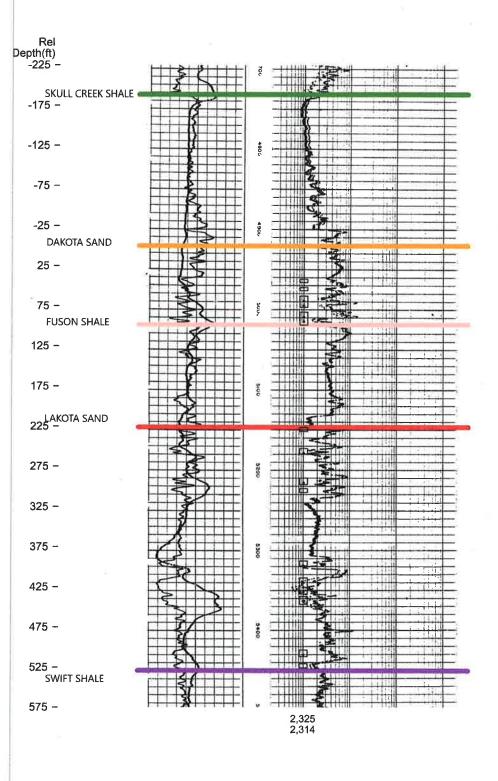
Rel

Ref Depth(ft) -225 -		(A)			Rel Depth(fi 225
-175 –	SKULL CREEK SHALE				175
-125 -		, 1			125
-75 -					75
-25 -					25
25 -	DAKOTA SAND				- 25
75 -	FUSON SHALE				- 75
125 -	1030N SHALL	***			~ 125
175 -					- 175
225 -	LAKOTA SAND				- 225
275 -				14	- 275
325 -					- 325
375 -	0 A				- 375
425 -	9				- 425
475 -		i j-			- 475
525 -	SWIFT SHALE				- 525
575 -					- 575
625 -		\$ \$			- 625
675 -		1			- 675
725 -	9				- 725
775 -					- 775
825 -					- 825
875 -		oralisment 1			- 875
925 -					- 925
975 -					- 975
1025 -		7			- 1025
1075 -					- 1075
1125 -					- 1125
1175 –					- 1175
1225 -	RIERDON SHALE	2275			- 1225
		2,325 2,314	· ·	*	

90-2024

#### Exhibit 4A

### **CHARLIE CREEK 8-23**



-	Depth -225
-	-175
-	-125
-	75
-	25
-	- 25
-	75
	125
-	175
-	225
-	275
-	325
-	375
-	425
-	475
-	525
	E76

SATHE ANALYTICAL LABORATORY, INC.

301 W. IND STREET

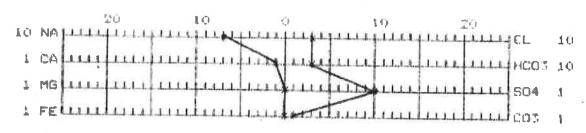
P.O.BOX 1527 WILLISTON, ND. 58801

701-572-3532

### WATER ANALYSTS REPORT

OPERATOR:	ENERPLUS L.P.		DATE	4/6/09	7	
WELL NO.	LONE TREE EDNA 1-	13	LAB NO.1	M-019-1	703	
FIELDI	not listed		FORMATION	ueper	Dakota	
COUNTY	Richland		INTERVALI	5589-5		
STATE:	MT		ns⊤ #±			
COU:	not listed		SAMPLE RU	IN 119 SAMPLE	65 Bals Out	
系列电传传播放射器由	<b>电电子电阻电子电阻电池电阻电路电路</b>					
CATIONS	MB/L	MEQ/L	AN1ONS	MG/1.	MEQ/I.	25
SODIUM CAEGIUM MAGNESIUM IRON FOTASSIUM BARIUM CHROMIUM FROMIUM FROMIUM FROMIUM	0.0 0.0 	0.3 0.0 0.3 0.0	CARBONATE BICARBONATE SULFATE NITRATE	456.8 0.0	31.7 0.8 32.4 9.5 0.0	er ins
	RAVITY @ 77*F		A childs she		7.88	
RESISTIVITY	/ 图 77°F, whatmaters	4	1.556 NAC	L (Calc.)	1855.9	

### WATER ANALYSIS PATTERN - MEO/L



5322.6

HYDROGEN SULFIDE

REMARKS : Run #9 Sample 65 BBLS dut. Received 4/8/09.

TOTAL DISSOLVED SOLIDS (CARCLE MOZE

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

NEG

#### SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

P.O.BOX 1527 WILLISTON, ND. 58801 701-572-3632

#### WATER ANALYSIS REPORT

DPERATOR: ENERPLUB L.P.

DATE:

479709

WELL NO.

LONE TREE EDNA 1-19

LAD NO.:

N=09-1705

FIELD:

not listed

FORMATION:

Upper Dakota

COUNTY:

Richland

INTERVAL

958B~5608

STATE:

MT

DST #:

LOC:

not listed

SAMPLE RUN #16-SAMPLE 130 BBLS BACK

CATIONS	MG/L	MEG/L	ANIONS	MB/L	MEDIZL.	
SODIUM	1680.0	73.1	CHLORIDE	1114.7	31.4	
CALCIUM	14.0	0.2	CARBONATE	31.5	1.1	
MAGNESIUM	7.6	0.6	BICARBONATE	1922.1	31.3	
IRON	1 . 2	0.1	SULFATE	391.2	Fi. L	
POTASSIUM	ig " ig	0.3	NITRATE	0.0	0.0	
DARIUM	Q = Q	0.0		- 310 F1950		
CHROMIUM .	0.0	0.0				

SPECIFIC GRAVITY & 77\*F

1.000 PH

7.85

RESISTIVITY @ 77"F, ohm-meters

1.569 NOCL (Calc.)

1839.1

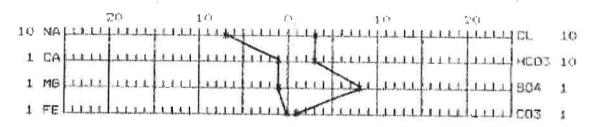
TOTAL DISSOLVED SOLIDS (Calc.) MG/L

5173.0

HYDROGEN SULFIDE

NEG

#### WATER ANALYSIS PAITERN - MED/L



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

DISTRIBUTION OF RESULTS

Rocky Gorder -- Sidney MT.

Lynn Sundby -- Halliburton - Williston NO.

SATHE ANALYTICAL LABORATORY.

INC.

301 M. 2ND STREET

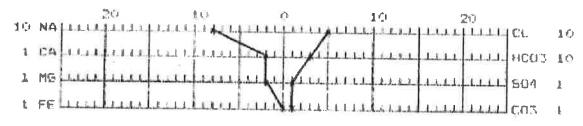
P.O. BOX 1507 WILLISTON, MD. 50000

701-572-3632

### WATER ANALYSIS REPORT.

OFERATORS	ENERPLUS RESOURCES	L.F.	DATE:		4/2/09	
WELL NO.	LONE TREE EDNA 1-13		LAND MO	a X	N=07-167	riq to
FIELD:	not listed		PORMAT	* NO.3	Lower Dai	kota
COUNTY:	Richtand		INTERM	At. :	58441-50	54
STATE:	as t		nar 4:			
LOCI	not listed		SAMPLE	4 144 17198	V - YUBIN	6 SWAB 4/6/09
<b>彩心远高叫丝陶桌的</b> 网	在装置 计磁电码 医假性细胞病 经总额证券 计图					
CATIONS	mo/L	MEDIAL	MIONS	MI	3/1	MEDIL
SODIUM CALCIUM MAGNESILM IRUM FOTASSILM DARIUM CHRCMIUM	1700.0 40.7 22.9 1.0 32.3 0.0 0.0	2.0 C/ 1.5 81 0.1 St 0.8 NI 0.6	LORIDE RBUNATE CARBONAT LFATE CTRATE	(E 1726 67	3.5 3.9 7.3 3.0	53 , 4 0 , 9 28 , 3 1 , 4 0 , 0
SPECIFIC GR	RAVITY & 77"F		1.000	rH .		B.01
RESISTIVITY	7 8 77°F.ohm-meters		1,442	HACL TOO	115.)	3122.9
TOTAL DISSO	MEVED SOLIDS (Calc.)	MG/4 57	13.4	HYDROGEN	SULFIDE	NEG

### WATER ANALYSIS PATTERN - MED/S.



REMARKS - 4th RUN TUBING SHAD 475/04.

DISTRIBUTION OF RESULTS Rocky Gorder -- Sidney MT. Lynn Sundby -- Halliborton - Williaton No SATHE ANALYTICAL LABORATORY. INC.

301 W. 2ND STREET

F.O. POD 1827 WILLISTON, NO. 58801

704 ~572~3632

# WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P. DATE 4/7/09 WELL NO. LONE THEE EDWA 1-13 LAB NO. E W-09-1693 FIELD: not listed FORMATIONE Lower Dakota COUNTY: Richland INTERVAL: 5B441-59641

STATE: MT DST WE

LOC: not listed SAMPLE 5TH SWAB RUN-FORMATION 4/6/09

CATIONS	MEYL	MEGI/L	2. 20 0年 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	ML/4.	NEO/L
SODIUM CALCIUM MAGNESIUM IRON POTASSIUM BARIUM CHROMIUM	2880.6 37.0 13.4 2.1 49.2 0.0	125.3 1.8 1.1 0.1 1.3 0.0	CHLOREDE CARBONATE BICARDOMATE SULFATE NITRATE	2921.9 18.0 1702.5 827.7 0.6	82.4 0.6 27.9 17.2 0.0

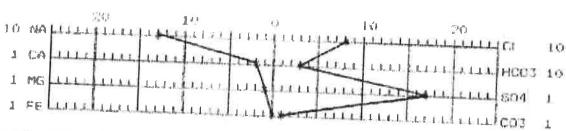
SPECIFIC BRAVITY & 77.F

displayed the 7.79

RESISTIVITY @ 77\*F.chm-noters 1.018 NACL (Calc.)

4816.2 TOTAL DISSOLVED SOLIDS (Calc.) MG/L 8451.8 HYDROGEN BULFIDE NEG

WATER AMALYSIS PATTERN - MEDIL



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

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

#### Exhibit 5A

SATHE ANALYTICAL LABORATORY, INC.

301 W. 2ND STREET

M.O.BON 1557 WILLISTON, ND. 58861

701-572-3632

#### WATER ANALYSIS REPORT

OPERATOR: ENERPLUS RESOURCES L.P.

DATE:

4/7/09

WELL MO.

LONE THEE EDNA 1-13

LAB NO. :

网中的第三十四日本

FIELD:

not listed

FORMATION:

Lower Dakota

COUNTY:

Richland

INTERVAL:

5844 - 5864 -

STATE:

MT

DST #:

LOC:

not listed

SAMPLE 1178 SWAB RUN-TOTAL 105 BBLS

中国共和国共享企业 不足量 可在到现在 空神震消息 的复数 计划 的复数 化发射 医拉克斯氏病 医动物 医皮肤 医皮肤 医皮肤 医皮肤 医皮肤 经基本证据 医毒素 CATIONS MG/L MEGAL BANE TIME MGZL MEG/L SODIUM 3560.0 135.3 CHLORIDE 3766.1 106.2 CALCIUM 29.6 1 . 13 CARBONATE 0.0 51,47 MABNESTUM 11.4 0.9BICARBONATE 1415.7 TRON  $\P_{2}^{\prime} \Vdash_{\mathfrak{m}} \mathbb{I}[\underline{\mathfrak{p}}]$ 0.2 SULFATE 1532.2 31.9 FOTASSIUM 17.4 0.4 NITRATE 0.0 0.0BARIUM 身。高 0.0 CHROMIUM 使成的 0.0 

SPECIFIC GRAVITY & 77°F

1,000 PH

7,55

RESISTIVETY @ 77 F. chm-meters

0.912 NACL (Calc.)

6210.2

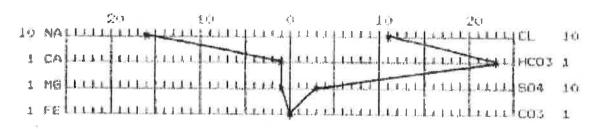
TOTAL DISSOLVED GOLIDS (CAIC.) MILL

10557.8

HYDROGEN SULFIDE

11:144

#### WATER ANOLYSIS PATTERN - MEDIL



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

DISTRIBUTION OF RESULTS

Rocky Gorder -- Bidney MT,

Lynn Sundby -- Halliburton -- Williston ND.

NORTH

Division:



**DAKOTA Water Well** 

Well Name:

## WHITE ROCK OIL AND GAS D&C AFE #XXXX

Field:	Elm Coulee Re	servoir:	DAKOTA	
Engineer	Shawna Bonini County, State: Richla			
Objective:	Plan to drill and complete water well in the DAKOTA			*
INTANGIBLES				MOUNT
830.05	IDC - SITE PREPARATION AND CLEAN UP		\$	255,000
830.09	IDC - DRILLING - DAYWORK		\$	300,000
830.10	IDC - RENTAL/ TOOLS-EQUIP		\$	50,000
830.12	IDC - MUD CHEMICALS		\$	40,000
830.13	IDC - FUEL/ POWER/ WATER		\$	45,000
830.14	IDC - SUPERVISION		\$	30,000
830.18	IDC- CEMENTING SERVICES		\$	60,000
830.27	IDC- CASING/ OTHER TANGIBLE CREWS		\$	34,000
850.22	ICC - WIRELINE SERVICES		\$	20,000
TANGIBLES	TRO DRIVE DIRECTOR CONTRACTOR			
840.05	TDC- DRIVE PIPE/ CONDUCTOR		\$	26,000
840.10	TDC - SURFACE CASING		\$	83,000
840.25	TDC- WELLHEAD EQUIPMENT		\$	8,000
860.15	TCC - PRODUCTION CASING	=	\$	304,000
860.16	TCC - PRODUCTION TUBING		\$	42,000
860.18	TCC - ARTIFICIAL LIFT		\$	100,000
ii .			\$	
	Ţ	OTAL GROSS COS	STS \$	1,397,000



6)	100.00
\$	1,397,000.00
	\$



# WHITE ROCK OIL AND GAS D&C AFE #XXXX

Well Name:	Fox Hills Water Well	Division:	NORTH	
Field:	Elm Coulee	Reservoir:	Fox Hills	
Engineer	Shawna Bonini	County, State:	Richland, MT	
Objective:	Plan to drill and complete water well in the Fox Hills limited rig and not a traditional drilling rig)	(Assumed the use	of a water drilling rig	or depth
NTANGIBLES			1	MOUNT
830.05	IDC - SITE PREPARATION AND CLEAN UP		\$	125,000
830.09	IDC - DRILLING - DAYWORK		\$	103,000
830.10	IDC - RENTAL/ TOOLS-EQUIP		\$	-
830.12	IDC - MUD CHEMICALS		\$	15,000
830.13	IDC - FUEL/ POWER/ WATER		\$	25,000
830.14	IDC - SUPERVISION		\$	15,000
830.18	IDC- CEMENTING SERVICES		\$	30,000
830.27	IDC- CASING/ OTHER TANGIBLE CREWS		\$	17,000
850.22	ICC - WIRELINE SERVICES		\$	17,000
AMOIDI FO				
ANGIBLES				
840.05	TDC- DRIVE PIPE/ CONDUCTOR		\$	
840.10	TDC - SURFACE CASING		\$	40,000
840.25	TDC- WELLHEAD EQUIPMENT		\$	5,000
860.15	TCC - PRODUCTION CASING		\$	3
860.16	TCC - PRODUCTION TUBING		\$	10,000
860.18	TCC - ARTIFICIAL LIFT		\$	40,000
			\$	-
		TOTAL GROSS CO	OSTS \$	425,000



WROG WI	WROG WI (%)		
WROG Net COSTS	\$	425,000.00	



 
 Lease & Well No.
 Charlie Creek BN 8-23

 Field Name
 Charlie Creek

 Location
 1980' FNL, 660' FEL, SENE, Section 23 TWN 25N, RGE 54E
 47.9056712, -104.7000574

Well Information

Spud: 1/27/1977 Completed: 5/19/1977 Recompleted: 11/19/1994 Sidetrack:

Ground Elevation: 2,313' KB Elevation: 2,325' (12' KB)

Depth: 11,680'
TVD: 11,680'
Depth: N/A Total Depth: S/F Depth: S/T TVD: N/A

Surface						
Hole Size	Depth	Size (OD)	Weight	Grade	Sx Cmt	Comments
13-1/2"	1,510'	9-5/8"	36 PPF	K-55	600 sx	SURFACE
Production						
Hole Size	Depth	Size (OD)	Weight	Grade	Sx Cmt	Comments
8-3/4"	11,680'	7™	23, 26, 29, 35 PPF	SS-95		2 stage job, DV @ 8,901' TOC@ 3,688' CBL

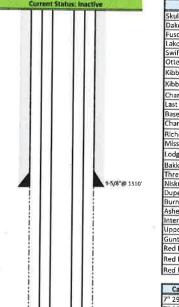
rs (Top to Bottom) [242] 2-7/8 L-80 6.5# (7844.08' 4 new joints on top 4/28/22), OX = .80', DPS= 0.75', Pump 1 Tubing = 22.00, Pump 2 = 22., Intake =-3.30--7,892.93', Protector 1= 10.30' Motor 1= 23.60Multi Sensor=1.90'-2-3/8 No Go = 2.21'2-3/8 Chem. Mandrel W/OD Disperse ≈ 4.05'----7 934.99' N/A Rods

Surface Equipment

Artificial Lift Info	Prime Mover	Separator	Tanks
V/A	N/A		
		1	
	1	1	

Date	BN 8-23 Well Event	Description
1/27/1977	SPUD	Cenex spudded 1/27/77, set 9 5/8 36# K-55 at 11510' with 600 sk Lite, 300 sk G.
4/2/1977	DST	DST #1 8300-8452, MC, 60' mud, 186' HGCM, 279' gas, 93' SOCHGCM, 372' HO&GCM, 950 cc oil, 100 cc wtr. FFP 353-457, FSIP 914, BHT 210 F. DST #2 8452-8612, MC, 93' SO&GCM, 372' HO&GCCM, 279' GCWCM, 93' GCWCM, 464' SW, 300 cc oil, 1850 cc wtr. FFP 499-727, FSIP 3109, BHT 212 F. DST#3 9858-9916, Nisku, 745' oil, 2603' HGCSOCWC, 788' GCWC, 1250 cc oil, 500 cc wtr. FFP 1497-1641, FSIP 4603, BHT 240 F. DST #4 10260-10288, Duperow, 2058' WC, 2598' oil, 1500 cc oil, no wtr. FFP 1188-1619, FSIP 4928, BHT 248 F. Sour. DST#\$ 11090-11192, Putnam, 1209' WC, 186' SMCWC, 403' SG&MCWC, 2100 cc mud, tr oil. FFP 945-1050 psi, FSIP 5094, BHT 230 F. DST #6 11327-11373, Stony Mtn, 1845' WC, 34' oil, 710' SGC&MCSW, 100 cc oil, 1850 cc SW. FFP 1074-1397, FSIP 5234, BHT 238 F DST #7 11532-11612, RR 'C', 836' oil, 1994' O&GCWC, 279' GC sediment and SW. FFP 989-1180, FSIP 5370, BHT 250 F. OH TD 11680. Set 7" 23-35# SS-95 csg at 11680'. Cmtd in 2 stages, DV tool 8901'. Rig released 4/2/77.
5/19/1977	COMP	Began comp oper 4/7/77, drld to 11613 PBTD. Ran CBL, TOC 3688, gap below B900-9620 no cmt. Perf Duperow 10263-267, 10271-276, 10278-282, 2 spf. Swb/flow (no rates in files). Acdz 2000 gal 15% HCl, 2.7 bpm, 3500 psi. Compi as Duperow producer 5/19/77, IPF 308 BOPD, 0 BWPD
9/23/1980	TBG-Hole	Tbg parted, left flsh in hole, tbg plus Model D pkr, top of flsh 8929' (later recovered in 1985). Set new Mod D @ 8923'. Installed unidraulic pump, POP 10/21/80.
6/24/1985	TBG-Hole	The leak, RTP on unidraulic.
11/13/1985	RECOMP	Tbg leak, recovered previous fish, cleaned out to 11597 PBTD. Sqzd Duperow perfs with 100 sk G + 35% sf. Cleaned out to PBTD, PT 1000#. Perfed RR 11556-11584, 4 spf. Acidized w/2000 gal 15% HCl, 1.5 bpm, 2960 psi. Flowed. Compl as Red River producer 1/3/86. IPF 289 BOPD, 63 BWPD.
9/27/1986	TBG-Hole	Tbg leak, tried to swab in, wouldn't flow. Acdz 1000 gal 15% HCl, 1.9 bpm, vac. RTP flowing 10/14/86.
11/19/1987	ACID	Foamed pickle job followed by N2 foam trtmt, 1500 gal 15% HCl, 168 balls.
10/27/1988	RECOMP	Flowing 51 bopd, 3 bwpd, dying 2-3 times per month. Sqz on old Dup perfs gave way, resqzd 100 sk H+35% sf. POP 11/14/88, RR perfs, 1-1/4" pump, 7.6 spm, 144" St. No further records until 1993
2/23/1993	TBG-Hole	Tbg leak, replaced 238 jt.
11/19/1994	RECOMP	**** Making 22 bopd, 46 bwpd, Red River only *****Cleaned out with bit/scrpr, stuck - left fish in hole: top of fish 11511 (chem cut tbg stub), 23' stub, 1 jt tbg, x-over, 7" scrpr, 5-7/8" tri-cone bit @ 11,565'. Perf Dawson Bay 10590-10600, 4 spf. Set RBP @ 10916' (new PBTD). Completed as Dawson Bay producer 12/2/94. (PF 258 BOPD, 0 BWPD. Producing Dawson Bay only.

Status:	Shut in
County & State:	Richland County, MT
API No:	25-083-21153
NDIC/ FEDERAL	N/A
Pool Name:	Dawson Bay



Formation Tops (WL MD)				
Skull Creek	4,729'			
Dakota	4,919'			
Fuson	5,020'			
Lakota	5,145'			
Swift	5,448'			
Otler	7,120'			
Kibbey Lime	7,400'			
Kibbey Shale	7,540'			
Charles	7,620'			
Last Salt	8,153'			
Base of Last Salt	8,180'			
Charles C Zone	8,258'			
Richey Shale	8,300!			
Mission Canyon	8,310'			
Lodgepole	8,900'			
Bakken	9,682'			
Three Forks	9,726'			
Nisku	9,856'			
Duperow	9,934'			
Burns Zone	10,260'			
Ashern	10,769'			
Interlake	10,780'			
Upper Stony Mtn	11,246'			
Gunton Parosity	11,328'			
Red River	11,396'			
Red River "A"	11,439'			
Red River "C"	11,540'			

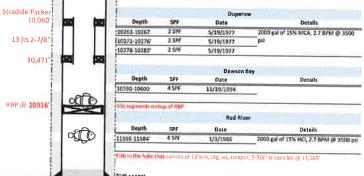
Casing Sz/Wt/Gr	Depths		
7" 29 PPF SS-95	0-76'		
7" 26 PPF SS-95	76'-1390'		
7" 23 PPF, SS-95	1390'-6047'		
7" 29 PPF \$S-95	6047'-6446'		
7" 26 PPF SS-95	6446'-7339'		
7" 35 PPF L80	7339'-8279'		
7" 26 PPF SS-95	8279'-10546'		
7" 29 PPF SS-95	10546'-11680'		

Logs Compensated neutron log, dual lateralog, ement bond log, gamma ray neutron

Gap below DV 8900-9620 no cmt.

DV Tool @ 8,901

TOC @ 3688



PBTD 10,916 Total Depth 11,680'



Date	Event	Description
7/25/1995	RECONF	Set straddle pkr acros old Duperow perfs. Top pkr 10061, btm pkr 10471, 13 it the between. (Dropped 5 slip segments to btm, on top of 5 sx sand on top of RBP @ 10916'). AC @ 9054', SN @ 9018', 1-1/2" pump, 5 spm, 144" SL. POP 8/10/95, prod Dawson Bay only. 5-day avg 8/22/95: 106 bopd, 15 bwp.
11/4/1997	Polish Roc	Replaced polish rod.
11/14/1997	Polish Roc	3/4 rod unscrewed at 8025. Pingr stuck, 1 1/2 pmp.
6/3/1999	Pump-	Pump parted at htm ext, pulled thg, replaced 6 jt thg. AC 9017, SN 8981, 1
10/22/1999	Pump-	Pmp chg, cracked TV, 1 1/2 pmp.
12/10/1999	ACID ACID	Des bit but the first till the course of the
12/10/1999	ACID	Ran bit/scrpr to top of straddle pkr @ 10471. Pickled tbg. Acdz Dawson Bay w/2500 gal 15% HCl, 2 bpm, 800 psi. Well flowed, LD rods, treed up. RTP 12/22/99. 10-day avg 1/20/2000: 288 BOPD, 378 BWPD.
11/14/2000	ACID	AC 5071, 2 1/4 tbg bbl pmp at 5068.
4/17/2001	TBG-Hole	3 holes in top jt tbg. Pulled rods and tbg. RTP, same depths.
9/26/2001	TBG-Hole	Replaced top jt only, did not pull rods.
5/31/2002	TBG-Hole	Replaced top jt. Pulled rods, did not pull tbg.
8/27/2002	TBG-Hole	Hole in top jt, SV full of scale, did not pull tbg.
4/16/2003	TBG-Hole	Top 3' of top jt badly corroded, threads almost gone. Lots of scale in pmp bb Replaced top 56 jt due to severe scale. Top jt IPC Internall coated. 2-1/4" tbg bbl pump, 6 spm, 144" SL.
9/9/2003	TBG-Hole	Replaced 100 jt, ran 2 jt internally coated at surface, 2 1/4 tbg bbl pmp, 6 spm, 144 SL.
12/16/2003	Pump- Efficiency	Top jt threads corroded, lots of scale on SV, ran double SV.
6/14/2004	TBG-Hole	Thg leak, replaced 2 jt at 2500', no other leaks.
8/18/2004	TBG-Hole	Replaced top Jt with 2 7/8 IPC. Did not pull rods.
11/21/2005	TBG-Hole	Hole - 11th jt above pmp bbl. LD btm 1000' of tbg. (raised SN). Replaced top j
2/18/2006	TBG-Hole	Threads on top jt washed, replaced top jt w/ new jt IPC, only. Reset TAC. Also replaced radigan - washed also.
10/23/2006	TBG-Hole	Hole in the 9th jt above \$N. Split $6$ jts, LD 4 jts, (1 - bad pin, 3 rod cut). Rods have heavy scale on them.
8/16/2007	TBG-Hole	Hole in the flo-T. Replaced w/ a lined one and also replaced the bottom of the stuffing box.
12/10/2017	TBG-Hole	Hole In jt #37 above the SN. Blew jts #15 & 22 above the SN. Unable to hydrotest the top 48 jts due to internal scale. All of the rods have heavy scale also. Reran bbl. Ran new plunger.
1/3/2008	TBG-Hole	Hole In top jt, above slips. Unset TAC, put 2 new jts of IPC on top, reset TAC. Didn't pull plunger.
3/8/2008	UNIT	Speeded unit up with 5C8" sheave
4/8/2008	UNIT	Speeded unit up with 5C9" sheave
3/13/2009	RECONF	lowered pump 1400', slowed unit down w/ 7" 5C sheave
2/11/2009	TBG-Hole	POOH w/rods and thg. Noted extremely heavy scale on rods. RIH and lay down all rods. TOH thg. Hydrotest In. Deepen SN 1400'. Couldn't test top 52 its due to scale. PU plunger and inspected D rods. RTP 3/12/09.
10/19/2009	TBG-Hole	Attempt to fish SV. POOH plunger missing SV. POOH tbg and came dry all the way. Found SV full of scale & ball not holding. Change 12 jts above SN. Run 4 1/2" gas separator. Hydrotested in. Run blast joint @ surface. Drop SV & RIH new plunger. Change out well head to coated B-1. Also ran coated flow-T, ratigan, stuffing box base & nipple. RTP 10/27/09.
11/30/2009	DYNO	Ran DYNO
12/11/2009	TBG-Hole	Threads between B-1 and ratigan bad. Attempted to replace with the hanger-weird well head. Also had bad threads on blast jt. Tried to release TAC, won't. POOH w/rods, plunger & SV. Pumped treated FW down csg. Got TAC released. POOH. TiH the. Replaced blast Joint, B-1 flange, ratigan, flow T, stuffing box base. Drop SV. RIH w/plunger. RTP 12/29/09.
1/15/2010	UNIT	Wisco balanced unit
3/24/2010	Pump-	Plunger stuck in pump barrel - couldn't move. Attempted to back off rods -
	Plunger	parted at fiberglass rod sub. Strip well out, terrible scale. Made bit & scraper run to 9850'. RIH w/R8P & set @ 8100'. Pickle tbg and csg w/1500 gal 15% HCI. POOH. Hydrotest production into hole (couldn't test last 22 stands). Ran Duraseal above SN & hanger jt. Drop SV & RIH plunger. RTP 4/30/10.
5/24/2010	TBG-Hole	Attempt to fish SV. POOH & didn't have SV. Found hole in top jt of tbg 6" under flange. Replace jt w/Enduroloy tbg. Reset TAC. RIH w/inspected plunger. RTP 6/29/10.
7/13/2010	UNIT	Leveled pumping unit
9/8/2010	TBG-Hole	POOH w/rods & SV. POOH tbg. Hydrotest In. Change out 2 its Duraseal w/Enduraloy tbg. Hydrotest in. Drop SV & RIH w/plunger. Had to spear flange, threads eaten up, also replaced ratigan, stuffing box base & flow-T, eaten up. Well started to flow while breaking out diptube. RTP 9/15/10. Found leak in 2nd jt above tbg barrel pump in jt of Duraseal, replaces w/Enduraloy tbg.
2/22/2010	TBG-Hole	wenduratov tor. Changed out raligan and flow-T w/new coated - checked B-1 flange - looked good. RTP 12/30/10
/6/2011	DYNO	Ran DYNO



Charlle	Creek Bt	18-23	Well	History
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Date .	Event	Description
6/20/2011	TBG-Hol	The second control of the second control of the second control of
		jt. Changed out B-1 flange w/slip type flange. Changed out flow T, stuffing box & ratigan. RIH w/plunger and rerun rod string. RTP 6/21/11.
6/23/2011	RECONF	installed Baker CRW9152A into stuffing box for corrosion protection
10/25/2011	FACILITY	Cleaned tanks. Also needs additional treating.
17/5/2011	DYNO	Ran DYNO. PIP 2079 psi, speed 5.98 spm, efficiency 129.5%
12/9/2011	TBG-Hole	
		plunger, rods not parted, but didn't have standing valve. Checked flow-tee radigan & bottom of stuffing box for corrosion, all looked good. Till w/nev plunger, ran same rod string. RTP 12/15/11.
3/26/2012	TBG-Hole	
		pressure down and stroked up with rig to 500H and held for 5 min, OK. Strin not pulled, long stroked pump. Hang horses head and put well on producti 3/29/12
11/20/2012	DYNO	Ran DYNO. PIP 2142 psi, speed 5.89 spm, efficiency 126%
11/26/2012	TBG-Hole	Pressure tested tubing, leaked off to 300# and held, bled off and pressured to 600#, held at 500#. Plunger stuck in tubing bbl. Had to back rods off. Lef 45 3/4" rods and k-bar in hole. Did not run scanalog on tubing. Pumped 16 BSW to kill well. Strip on BOP. Had a hard time releasing tubing anchor. Cot not move tubing up hole but could rotate tubing. Pumped 190 BSW to to g rid of salt ring. Hat to pick up power swivel to work through salt ring. Trip tubing out of hole. Trip in hole with bit and scraper. Trip out of hole with bit and scraper, changed out 9 tubing collars. Rig up hydrotester and hydrotest tubing. Blew 15 joints and hit heavy scale. Could not hydrotest tubing. Hole full, started displacing fluid when running pipe. Rigged up vac truck to suck back on backside. Trip in hole with 92 joints tubing and layed them down. When tripping tubing out of hole anchor hung up and sheared. Replaced
		tubing anchor and hydrotested in hole, Picked up 102 Joints yellow band tubing. Installed new sliptype B-1 flange from Matta Co. In Williston, Swab t clean up well. Drop standing valve and run plunger. Well on production.
8/26/2013	TBG-Hole	TOOH with rods. Performed the inspection log. Laid down 115 RB jt. TOOH
11/12/2013	DYNO	Ran DYNO
10/16/2014	DYNO	Ran DYNO
1/26/2015	Pump-	Rig up service rig. Lay down hores head and polish rod. Plunger is stuck in
		strip on BOP and catch pan. Release tubing anchor. Strip out of hole with ro and tubing. Made bit and scraper run. Pumped 150 bbls treated fresh water down tubing. Well came around. Had to pump SW to kill well. Trip bit and scraper out. Hydrotest tubing in hole, blew 14 Joints. Set anchor and strip of BOP. Flange up well. Swab to clean up well. Run pump. Well on production.
12/14/2015	TBG-Hole	Road rig to location. LOTO pumping unit. Rig up service rig, Lay down horses head. Bleed well down. Lay down polish rod. Fish standing valve. Hot oil rod Well flowed up backside and out tubing when done hot oiling rods. Trip out hole with rods. Run caliper log, punch holes in bottom joint of tubing. Unflange well and strip on BOP. Anchor was sliding down hole. Rig up floor. Release tubing anchor. Could not move tubing up hole. Rig up swivel and work anchor free. Trip tubing out of hole laying down bad tubing and sorting yellow and blue band tubing. Rig up hydrotester and hydrotest in hole. Pick up a total of 114 yellow band tubing. Anchor would not set. Trip tubing back out of hole. Dip tube and sand screen were plugged with scale and shale. Pic up new anchor from KLX and trip in hole. Set tubing anchor. Strip off BOP an flange up well. Swab to clean up well. Orap standing valve and trip plunger in hole. Put pumping unit together and stroke up with unit. Held OK. Well on production.
/10/2016	TBG-Hole	Hole in Joint #139 from surface. Move in and rig up workover rig and H2S safety equipment. Lay down head and polish rod. Fish standing valve. Trip rods out of hole with standing valve. Rig up whellne and scanalog tubing. Str on BOP and catch pan. Release tubing anchor. Trip pipe out of hole. Lay down76 red Joints and top Joint. Hydrotest in hole. Set tubing anchor. Swab to clean up well. Run pump. Well on production.
/22/2017	RECONF	Install ESP
/4/2019	ESP-Pump	TIH WITH TUBING, BIT AND SCRAPER, STACK OUT 110' ABOVE ORIGINAL DEPTH, BIT AT 8060'. TRY TO PULL OUT OF THE HOLE TUBING IS STUCK, CAN GO DOWN OR UP. ATTEMPT TO WORK TUBING FREE 70K-110K WITH NO SUCCESS. (304 JTS IN HOLE DEPTH @ 9863'), TAGGED TOF. Ran tubing and assy part of ESP.
0/2/2019	ESP-Pump	Pump-1 Top spun tight no play minor debris bottom spun freely no play no return, Pump-2 Top spun tight no play bottom spun freely no play no return, Pump-3 Top spun tight no play Bottom spun freely no return, Pump-4 Top spun tight no play Bottom spun freely no return, Intake/Gas Separator-INTAK SCREEN WAS SUCKED INTO INTAKE ALONG W/MLE, SHAFT FELL OUT OF SCREEN, MLE HAD A SMALL HOLE BURNED THREW IT WHERE SCREEN WAS SUCKED IN POSSIBLEY INITIAL GROUND OUT & MOTORS GROUND OUT BYE SEVERAL RESTART ATTEMPTS, UT-Seal spun tight no play well fluid in top, LT-Seal Spun freely no play, UT-Motor spun tight MINOR DEBRIS IN BOLT ON HEAD, Ran bit and scraper to 8011'. Acid Treated well.



Charlie	Creek	BN	2.23	Well	History

Date	Event	Description
11/25/2019	ESP-Pump	Pump full of scale and debris Top pump was full of soft scale looking debris, Top pump was stuck could not get pump to turn bye had, Second pump was stuck also did not see any debris in it, Third pump we were able to turn bye hand but had sticky spots to it when turning pump, Load out pumps & motors to be sent in for idditional testing. Tagged at 9905'. Washed down with mill to 9915'. Pick up bit and scraper and tag up at the top of packer @ 10072'. Instal new ESP
9/28/2021	ESP-Pump	Add a cap string. Lots of scale, Well seems tricky to kill and can flow
11/21/2021	No Failure	Workover was for HIT that was not found. ***Capillary looked & pressure tested good, ESP cable tested good, had trapped fluid & gas under the armor in multiple spots. ***BHA was covered in minor scale.
4/12/2022	ESP-Pump	Cap string parted @ 6000' out. Pulled rest of cap string by hand. Laid down ESP BHA. Rigged down spooling equipment. Picked up Bit & Scraper BHA tubing & casing, both flowing back fluid intake plugged & top 2 motors stuck
4/12/2023	FACILITY	Replace Heater Treater
12/9/2023	SI	



Lease & Well No. Charlie Creek BN 8-23 Field Name Charlie Creek Location 1980' FNL, 660' FEL, SENE, Section 23 TWN 25N, RGE 54E 47.9056712, -104,7000574

Well Information

| Spud: 1/27/1977 |
| Completed: 5/19/1977 |
| Recompleted: 11/19/1994 |
| Sidetrack: N/Λ |

Ground Elevation: und Elevation: 2,313'
KB Elevation: 2,325' (12' KB)

Depth: 11,680' TVD: 11,680' Total Depth: N/A N/A S/T TVD:

Surface						
Hole Size	Depth	Size (OD)	Weight	Grade	Sx Cmt	Comments
13-1/2"	1,510'	9-5/8"	36 PPF	K-55	600 sx	SURFACE
Production		The same by				
Hole Size	Depth	Size (OD)	Weight	Grade	Sx Cmt	Comments
8-3/4"	11,680'	7*.	23, 26, 29, 35 PPF	SS-95	300, 560, 660, 115 sx	2 stage job, DV @ 8,901 TOC@ 3,688' CBL

2-7/8" IPC Tubing

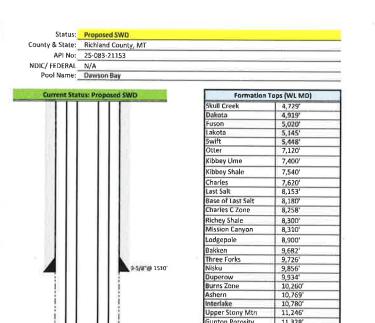
Rods N/A

Surface Equipment

Artificial Lift Info	Prime Mover	Separator	Tanks
N/A	N/A		
	1 1		

Charlie Creek	BN 8-23 We	Il History
Date	Event	

Date	Event	Description
1/27/1977 SPUD		Cenex spudded 1/27/77, set 9 5/8 36# K-55 at 11510' with 600 sk Lite, 300 sk C
4/2/1977 DST		DST #1 8300-8452, MC, 60' mud, 186' HGCM, 279' gas, 93' SOCHGCM, 372' HO&GCM, 950 cc oil, 100 cc wtr. FFP 353-457, FSIP 914, BHT 210 F. DST #2 845 8612, MC, 93' SO&GCM, 372' HO&GCM, 279' GCWCM, 93' GCWCM, 464' SW, 300 cc oil, 1850 cc wtr. FFP 499-727, FSIP 3109, BHT 212 F. DST#3 9858-9916, Nisku, 745' oil, 2603' HGCSOCWC, 788' GCWC, 1250 cc oil, 500 cc wtr. FFP 149; 1641, FSIP 4603, BHT 240 F. DST#4 10260-1028B, Duperow, 2058' WC, 2598' oil, 1500 cc oil, 900 cc wtr. FFP 1188-1619, FSIP 4928, BHT 248 F. Sour. DST#5 11090-11192, Putnam, 1209' WC, 186' SMCWC, 403' SG&MCWC, 2100 cc mud, tr oil. FFP 945-1050 psi, FSIP 5094, BHT 230 F. DST #6 11327-11373, Stony Mtn,
		1845' WC, 34' oil, 710' SGC&MCSW, 100 cc oil, 1850 cc SW. FFP 1074-1397, Si 5234, BHT 238 F DST #7 11532-11612, RR 'C', 836' oil, 1994' O&GCWC, 279' GC sediment and SW. FFP 989-1180, FSIP 5370, BHT 250 F. OH TD 11680. Set 7" 23 35# SS-95 csg at 11680'. Cmtd in 2 stages, DV tool 8901'. Rig released 4/2/77.
5/19/1977	COMP	Began comp oper 4/7/77, drid to 11613 PBTD. Ran CBL, TOC 3688, gap below DV 8900-9620 no cmt., Perf Duperow 10263-267, 10271-276, 10278-282, 2 spf. Swb/flow (no rates in files). Acdz 2000 gal 15% HCl, 2.7 bpm, 3500 psi. Compl as Duperow producer 5/19/77, IPF 308 BOPD, 0 BWPD
9/23/1980	TBG-Hole	Tbg parted, left fish in hole, tbg plus Model D pkr, top of fish 8929' (later recovered in 1985). Set new Mod D @ 8923'. Installed unidraulic pump, POP 10/21/80.
6/24/1985	TBG-Hole	Tog leak, RTP on unidraulic.
11/13/1985	RECOMP	Tbg leak, recovered previous fish, cleaned out to 11597 PBTD. Sq2d Duperow perfs with 100 sk G+ 35% sf. Cleaned out to PBTD, PT 1000#. Perfed RR 11556 11584, 4 spf. Acidized w/2000 gal 15% HCl, 1.5 bpm, 2960 psi. Flowed. Compl as Red River producer 1/3/86. IPF 289 BOPD, 63 BWPD.
9/27/1986	TBG-Hole	Tbg leak, tried to swab in, wouldn't flow. Acdz 1000 gal 15% HCl, 1.9 bpm, vac. RTP flowing 10/14/86.
11/19/1987	ACID	Foamed pickle job followed by NZ foam trtmt, 1500 gal 15% HCl, 168 balls.
10/27/1988	RECOMP	Flowing 51 bopd, 3 bwpd, dying 2-3 times per month. Sqz on old Dup perfs gave way, resqzd 100 sk H+35% sf. POP 11/14/88, RR perfs, 1-1/4" pump, 7.6 spm, 144" SL. No further records until 1993
2/23/1993	TBG-Hole	Tbg leak, replaced 238 jt.
11/19/1994	RECOMP	Making 22 bopd, 46 bwpd, Red River only "Cleaned out with bit/scrpr, stuck - left fish in hole: top of fish 11511 (chem cut thg stub), 23' stub, 1 jt thg, x-over, 7" scrpr, 5-7/8" tr1-cone bit @ 11,565', Perf Dawson Bay 10590-1060,0, 4 pf. Set R8P @ 10916' (new PBTD). Completed as Dawson Bay producer 12/2/94. IPF 258 BOPD, 0 BWPD. Producing Dawson Bay only.



Three Forks

Burns Zone Ashern Interiake Upper Stony Mtn Gunton Porosity Red River

Red River "A"

Red River "C"

Nisku Duperow

Casing Sz/Wt/Gr	Depths
7" 29 PPF SS-95	0.76
7" 26 PPF SS-95	76'-1390'
7" 23 PPF, SS-95	1390'-6047'
7" 29 PPF SS-95	6047'-6446'
7" 26 PPF SS-95	6446'-7339'
7" 35 PPF L80	7339'-8279'
7" 26 PPF 5S-95	8279'-10546'
7" 29 PPF SS-95	10546'-11680'

11,328 11,396

11,439'

11,540

Depth Date 17400-7540 Proposed x 5" CIBP @ 8,876' Logs DV @ 8,901' Compensated neutron log, dual lateralog,CBL, gamma ray neutron

Date

30 sx cement proposed TOC @ 9950'

DV 8900-9620 no cmt

9-5/8"@ 1510

TOC @ 3688'

7" x 5" CIBP @ 10,002" Straddle Packer

2

10,060	200	Depth	SPF	Date	Details
		10263-10267	2 SPF	5/19/1977	2000 gal of 15% MCA, 2.7 8PM @ 3500
13 jts 2-7/8"	11 711	10271-10276	2 SPF	5/19/1977	psi
		10278-10282	2 SPF	5/19/1977	
10.471	(20) (20)	i			
1	(R850 - 0452)	1		Dawson Bay	
-	1 1	Depth	SPF	Date	Details
i.	1557	10590-10600	4 SPF	11/19/1994	
	allo		-		
1		is p segments onto	op of filter		
				Red River	
	-6	Death	SPF	Date	Details

000 RBP @ 10916 11556-11584 1/3/1985 2000 gal of 15% HCl, 2.7 RPM @ 3500 psi

PBTD 10,916\* Total Depth 11,680\*



Lease & Well No. Charile Creek BN 9-23 Field Name Charlie Creek Location 1980' FNL, 660' FEL, SENE, Section 23 TWN 25N, RGE 54E 47.9056712, -104.7000574

Well Information

Spud: 1/27/1977 Completed: 5/19/1977 Recompleted: 11/19/1994 Sidetrack:

Ground Elevation: KB Elevation: 2,3251 (12' KB) Total Depth: 11,680 TVD: 11,680' S/T Depth:

P	ne	Dni	-

Surface						
Hole Size	Depth	Size (OD)	Weight	Grade	5x Cmt	Comments
13-1/2"	1,510'	9-5/8"	36 PPF	K-55	600 sx	SURFACE
Production			11			
Hole Size	Depth	Size (OD)	Weight	Grade	5x Cmt	Comments
8-3/4"	11,680	7"	23, 26, 29, 35 PPF	\$\$-95		2 stage job, DV @ 8,901 TOC@ 3,688' CBL
Downhole Tul	ulars (Top to E	lottom)				
Tubing	2-7/8" IPC Tu	blng				
Rods	N/A					

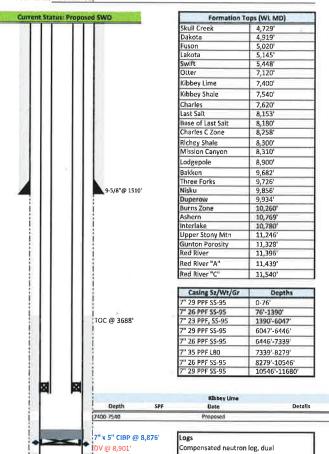
Charlie Creek BN 8-23 Well History

Description 1/27/1977 Cenex spudded 1/27/77, set 9 5/8 36// K-55 at 11510' with 600 sk Lite, 300 sk G. 4/2/1977 DST DST #1 8300-8452, MC, 60' mud, 186' HGCM, 279' gas, 93' SOCHGCM, 372' HO&GCM, 950 cc oil, 100 cc wtr. FFP 353-457, FSIP 914, BHT 210 F. DST #2 8452 8612, MC, 93' SO&GCM, 372' HO&GCM, 279' GCWCM, 93' GCWCM, 464' SW. 300 cc oil, 1850 cc wtr. FFP 499-727, FSIP 3109, BHT 212 F, DST#3 9858-9916. Nisku, 745' oil, 2603' HGCSOCWC, 788' GCWC, 1250 cc oil, 500 cc wtr. FFP 1497 1641, FSIP 4603, BHT 240 F. DST #4 10260-10288, Duperow, 2058' WC, 2598' oil, 1500 cc oil, no wtr. FFP 1188-1619, FSIP 4928, BHT 248 F. Sour. DST#5 11090-11192, Putnam, 1209' WC, 186' SMCWC, 403' SG&MCWC, 2100 cc mud. tr oil, FFP 945-1050 psi, FSIP 5094, BHT 230 F, DST #6 11327-11373, Stony Mtn, 1845' WC, 34' oil, 710' SGC&MCSW, 100 cc oil, 1850 cc SW. FFP 1074-1397, FSIF 5234, BHT 238 F DST #7 11532-11612, RR 'C', 836' oil, 1994' O&GCWC, 279' GC sediment and SW. FFP 989-1180, FSIP 5370, BHT 250 F. OH TD 11680. Set 7" 23 35# SS-95 csg at 11680'. Cmtd in 2 stages, DV tool 8901'. Rig released 4/2/77. 5/19/1977 COMP Began comp oper 4/7/77, drld to 11613 PBTD. Ran CBL, TOC 3688, gap below

, ,		DV 8900-9620 no cmt. Perf Duperow 10263-267, 10271-276, 10278-282, 2 spf. Swb/filow (no rates in files). Acdz 2000 gal 15% HCl, 2.7 bpm, 3500 psi. Compl as Duperow producer 5/19/77, IPF 308 BOPD, 0 BWPD
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11/19/1987	ACID	Foamed pickle job followed by N2 foam trtmt, 1500 gal 15% HCl, 168 balls.
10/27/1988	RECOMP	Flowing 51 bopd, 3 bwpd, dying 2-3 times per month. Sqz on ald Dup perfs gave way, resqzd 100 sk H+35% sf. POP 11/14/88, RR perfs, 1-1/4" pump, 7.6 spm, 144" SL. No further records until 1993
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7/25/1995	RECONF	Set straddle pkr acros old Duperow perfs. Top pkr 10061, btm pkr 10471, 13 jt tbg between. (Dropped 5 slip segments to btm, on top of 5 sk sand on top of RBP @ 10916'), AC @ 9054', SN @ 9018', 1-1/2" pump, 5 spm, 144" SL, POP

8/10/95, prod Dawson Bay only. 5-day avg 8/22/95: 106 bopd, 15 bwpd.

Status:	Proposed SWD
County & State:	Richland County, MT
API No:	25-083-21153
NDIC/ FEDERAL	N/A
Pool Name:	Dawson Bay



30 sx cement proposed TOC @ 9950'

Total Depth 11,680°

DV 8900-9620 no cmt.



lateralog,CBL, gamma ray neutron

7"@ 11680 PBTD 10,916'

#### Exhibit 9A

#### **Surface Owners**

Surface Description	Name	Address
25N 54E 23 E2SW,S2N2 &SE4	Bud and Joe LLC	2535 Clearwater Way
25N 54E 23 N2N2		Billings, MT 59105-6012
25N 54E 24 ALL	Daniel Bidegaray	1700 W. Koch St Suite 5
		Bozeman, MT 59715-4148

## Current Operator, Lease owner of nonoperated lease, Mineral owner of nonoperated lease

Name	Address
B&J Resources, LLC	240 St Paul Street, # 501
	Denver, CO 80206
Retova Resources LP	1485 South Colorado Blvd. Suite 300
	Denver, CO 80222
Left Hand Resources LLC	PO BOX 3498
	Boulder, CO 80307
Amonte LLC	PO BOX 3358
Amonte Lee	Englewood, CO 80155
Debra Vaira	2535 Clearwater Way
	Billings, MT 59105
Puon Voire	3275 Pony Tracks Dr.
Ryan Vaira	Colorado Springs, CO 80922
Salamina Matan A. I	PO BOX400
Sabrina Vaira-Anderson	Fairview, MT 59221
Celeste Ketchum	2800 Alexander Road
release reculuiii	Billings, MT 59105
lacqueline Hall	1316 Mossman Dr
	Billings, MT 59105

Name	Address
TJK Family Properties, LLC	PO BOX 50715
	Billings, MT 59105
White Rock Oil & Gas Partners II LP	5810 Tennyson Parkway, Suite 500 Plano, TX 75024
White Rock Oil & Gas Partners II-B LP	5810 Tennyson Parkway, Suite 500 Plano, TX 75024
White Rock Oil & Gas GP II LLC	5810 Tennyson Parkway, Suite 500 Plano, TX 75024
	Two Allen Center
EMEP OPERATING LLC	1200 Smith Street, STE 680
_	Houston, TX 77002
White Rock Energy LLC	5810 Tennyson Parkway, Suite 500
	Plano, TX 75024
Cobra Oil & Gas Corp	PO BOX 8206
	Wichita Falls, TX 76307
Elizabeth Erma Fisk Newman	7605 Glenvale Drive
	Omaha, NE 68134
James L Fisk Jr	11 Brown Street
James L FISK JI	Kennebunk, ME 04043
Pagin Agguisition Fund I P	1320 South University Suite 400
Basin Acquisition Fund LP	Fort Worth, TX 76107
Basin Co Investment II LP	1320 South University Suite 400
Dasin Co investment ii th	Fort Worth, TX 76107
Slawson Exploration Company Inc	245 North Waco Suite 400
	Wichita, KS 67202

#### Exhibit 9A

# 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 CHARLIE CREEK BN 8-23 WELL, 1980' FNL, 660' FEL, SENE, SEC 23 T25N, R54E, TO AN INJECTION WELL FOR THE PURPOSE OF SALTWATER DISPOSAL WITHIN THE CHARLIE CREEK FIELD.

AFFIDAVIT OF NOTIFICATION

DATE:	May 9, 2024	
STATE O	F MONTANA	)
COUNTY	OF YELLOWSTONE	) SS. )

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 12 was mailed to the Current Operators, Lease owners of nonoperated lease, Mineral owners of nonoperated lease, and surface owners within the area of review at the addresses show in Exhibit 11 attached, by mailing a true copy thereof this 9<sup>th</sup> Day of May, 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 9th Day of May 2024.

Notary Public State of Montana

My Commission Expires

March 24, 2027

## 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 CHARLIE CREEK BN 8-23 WELL, 1980' FNL, 660' FEL, SENE, SEC 23 T25N, R54E, TO AN INJECTION WELL FOR THE PURPOSE OF SALTWATER DISPOSAL WITHIN THE CHARLIE CREEK FIELD.

NOTICE OF APPLICATION FOR UIC PERMIT FOR INJECTION WELL

DATE:

May 9, 2024

TO:

Current Operator, Lease owner of nonoperated lease, Mineral owner of nonoperated

lease, and surface owners within the area of review 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 Charlie Creek BN 8-23 well, 1980' FNL, 660' FEL, SENE, Sec 23, T25N, R54E, Richland County, MT to a saltwater disposal well. This letter is being sent in accordance with the Montana Board of Oil and Gas Conservation, Underground Injection Control Rules of Montana (ARM), Title 36, Chapter 22. You have been identified as a Current Operator, Lease owner of nonoperated lease, Mineral owner of nonoperated lease, and/or surface owner.

The application will be heard by the Montana Board of Oil and Gas Conservation at its June 13, 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 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

# DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION





OIL AND GAS CONSERVATION DIVISION



May 1, 2024

Tristan Farel, CFO
T2 Operating Corporation
1800 Wazee Street, Suite 318
Denver, CO 80202

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

Dear T2 Operating Corporation:

This letter is regarding the Notice of Intent to Change Operator request from White Rock Oil & Gas, LLC to T2 Operating Corporation (T2) that was recently submitted to the Board of Oil and Gas Conservation (Board).

The Board and its staff have reviewed the request and T2 is a new operator that is acquiring 10 or more wells to be covered by a single, multiple well bond. Due to the Board's transfer of plugging and reclamation policy, the approval of the change of operator request is being referred to the Board. The policy is enclosed. T2 is requested to appear at the **June 13, 2024**, public hearing. At that time, the Board will determine if T2's proposed multiple well plugging and reclamation bond is adequate prior to the administrative review and approval of the change of operator request. T2 and its attorney should review the enclosed policy for the suggested information to provide to the Board.

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

If you have any questions, please contact me at (406) 656-0040 or at biones@mt.gov.

Sincerely,

Benjamin Jones

Administrator / Petroleum Engineer

cc: White Rock Oil & Gas, LLC Lee Law Office PC

DIVISION OFFICE 1539 11th AVENUE PO BOX 201601 HELENA, MONTANA 59620-1601 (406) 444-6731 TECHNICAL AND SOUTHERN FIELD OFFICE 2535 ST. JOHNS AVENUE BILLINGS, MONTANA 59102-4693 (406) 656-0040 91-2024

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

#### SUBMIT IN QUADRUPLICATE TO

ARM 36.22.307 36.22.1308

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

#### **Notice of Intent to Change Operator**

The undersigned Transferor hereby notifies the Board of Oil and Gas Conservation of Its intention to transfer ownership and/or operation of the following wells to the undersigned Transferee:

Lease Name: SEE EXHIBIT "A"	Lease type:(Private, State, Federal, Indian) SEE EXHIBIT "A"		
County: SEE EXHIBIT "A"	Field name: SEE EXHIBIT "A"		
Description of wells: Include API well number, well name and number, and quarter and footage measurements, and lease type. ( Federal, Indian, Pr			
SEE EXHIBIT "A"			
Number of Wells to be Transferred: 35	Effective Date of Transfer: 6/1/2024		
Transferor's Statement:	Transferee's Statement:		
I hereby designate the Transferee named herein as the owner and/or operator of record of the above described well(s). I acknowledge that the Transferor continues to be responsible for said well(s) and all associated equipment and facilities until such time as this transfer is approved by the Montana Board of Oli and Gas Conservation. I certify	I hereby accept the designation of operator/owner for the above described well(s). I understand that this transfer will not be approved until the Transferee has complied with the Board's bonding requirements. I acknowledge that under Section 82-11-101 MCA, the Transferee herein is responsible for the costs of proper plugging and		
that the Information contained herein is true and correct:	restoration of the surface of the well(s) described above. I certify that the information contained herein is true and correct:		
Company WHITE ROCK OIL & GAS, LLC	Company T2 OPERATING CORPORATION		
Street Address 5810 TENNYSON PKWY, STE 500	Street Address 1800 WAZEE STREET, SUITE 318		
P.O. Box	P.O. Box		
City, State, ZIP PLANO, TX 75024	City, State, ZIP DENVER, CO 80202		
Signed	Signed		
Print Name RUSTY GINNETTI	Print Name TRISTAN FAREL		
Title COO	Title CFO		
Telephone ( 214 ) 981-1421	Telephone ( 303 ) 579-1129		
Date	Date		
BOARD U	SE ONLY		
Approved	Field Office Review Date Initial		
Date	Inspection		
Name Title	Records Review		
Oper. No. 179 Bond No. MI. UI, FI	Oper No. 938 Bond No.		

# 8106

#### Instructions for Form 20

This form is used to change the Operator of Record for wells. Complete the front portion of this form as indicated.

To transfer a number of wells please type: "See attached list" in the **Description of Wells** area and include the list of wells as an attachment.

The list of wells should be <u>separated by lease</u> and <u>sorted by Township</u>, <u>Range</u>, <u>and Section</u>. Wells should be identified as <u>Federal</u>, <u>Indian</u>, <u>Private</u>, or <u>S</u>tate under lease type. <u>Injection/SWD</u> wells should be identified as such. Plugged and Abandoned wells <u>should not</u> be included for transfer. The list should be in the following format:

API Number Lease Name

Well Number

Twp. Rge. Sec.

Qtr Qtr

Footage

Lease Type

The form must be signed by both the current owner/operator (transferor) and the proposed new owner/operator (transferee). The current operator of record will continue to be responsible for any wells and associated equipment or facilities until the transfer is approved by an authorized agent of the Montana Board of Oil and Gas Conservation.

For large change of operator submissions, if possible, please include a diskette containing the data list.

The Montana Board of Oil and Gas Conservation may withhold approval of the transfer until the well(s) made the subject of this form is (are) in substantial compliance with all applicable Board rules. All production reports, notices, forms, logs, samples, or other information required by Board law, rule, or order must be on file with the Board. The transferee must be in compliance with the Board's bonding requirements, as provided in Rules 36.22.1308 and 1408 ARM, before the transfer can be approved. A copy of the approved or disapproved Form 20 will be returned to each party.

Parties transferring wells are advised that the identity of responsible persons as defined by Section 82-11-101, MCA, will be determined by the Board's records.

If this form relates to a proposed change in the operator of record for a State of Montana oil and gas lease issued by the Montana Board of Land Commissioners, the parties should send a separate copy of this form to the Montana Department of Natural Resources and Conservation, Trust Lands Management Division, Minerals Management Bureau, 1625 Eleventh Avenue, P.O. Box 201601, Helena Montana 59620-1601.

The proposed new operator should have a current copy of the rules and laws of the Montana Board of Oil and Gas Conservation. Copies of the rules and laws may be obtained from any Board office, or are available on the Internet at http://www.bogc.dnrc.mt.gov.

NOTICE: False or inaccurate Information can void the transfer of a well or wells to another operator's bond. Be sure to verify the accuracy of all well descriptions and other information supplied with this form.

BOARD USE ONLY	CONDITIONS OF APPROVAL

EXHIBIT "A"

ATTACHED HERETO AND MADE PART HEREOF FORM NO. 20 R NOTICE OF INTENT TO CHANGE OPERATOR DATED \_\_\_\_\_\_, BY AND BETWEEN WHITE ROCK OIL & GAS, LLC AS TRANSFEROR AND T2 OPERATING CORPORATION AS TRANSFEREE.

API	Lease Name	Number	TWP	RNG	SEC	Quarter quarter	Footage	Lease Type
2500905065	GOVTC1	C-1		22E		NWSW	2046 FSL 696 FWL	FEDERAL
2503321111	BEANBLOSSOM	A 1-19	13N	 34E	19	S2N2	2310 FNL 1000 FWL	PRIVATE
	BEANBLOSSOM	A2-19	13N	34E	19	N2S2	1980 FSL 1000FWL	PRIVATE
2503321130	BEAN BLOSSOM SWD	A3-19	13N	34E	19	S2S2	990 FSL, 750 FWL	PRIVATE
2508321108		1	25N	57E	23	SENE	1475 FNL 660 FEL	PRIVATE
2508321853	PFREVOST	1	22N		1	NWSW	1600 FSL, 950FWL	PRIVATE
2508321091	TVET	1	25N		24	NEW	685 FNL, 1865 FWL	PRIVATE
2508321898	TVET	23-1	25N	57E	23	NESE	1700 FSL 510FEL	PRIVATE
2508521589	BROWNING	11-17	27N	58E	17	NWW	700 FNL 740 FWL	PRIVATE
2508521584	CLARKSWD	14-4	29N	49E	4	NEW	1320 FSL, 1324 FWL	PRIVATE
2508521163	CRUSCH	1-3	28N	58E	3	NESW	1980 FSL, 1950 FWL	PRIVATE
2508521662	CRUSCH	1-3X	28N	58E	3	NESW	1964 FSL, 1812 FWL	PRIVATE
2508521608	CRUSCH	24-3	28N	58E	3	SESW	660 FSL, 1565 FWL	PRIVATE
2508508011	FTPECKTRIBAL	8-12	29N	49E	8	SWNW	1700 FNL, 200 FWL	INDIAN
2508521140	HARMON	1-29	27N	58E	29	NENE	790 FNL, OFFEL	PRIVATE
2508521581	HARMONETAL	41-18	27N	58E	18	NENE	1000 FNL, 1120 FEL	PRIVATE
2508508008		41-7	29N	49E	7	NENE	480 FNL, 770 FEL	INDIAN
2508521632	TRIBALBEAR	14-5	29N	49E	5	SNSW	709 FSL, 694 FWL	NDIAN
2508521393	TRIBALBEAR	2	29N	49E	5	9 <del>25</del> 2	840 FSL, 660 FEL	INDIAN
2508521273	TRIBALBEARSWD	1	29N	49E	5	NAVSW	1330 FSL, 220 FWL	INDIAN
2508521209	255/02/2	1	29N	49E	7	SWNE	1720 FNL, 1780 FEL	INDIAN
2508721182			11N		-	SW	7090 NFL, 2065 FWL	PRIVATE
2508721289			11N	-		ΝE	6682 FNL, 330 FEL	PRIVATE
2508721304				32E		ΝE	6676 FNL, 1650 FEL	PRIVATE
2508721187				32E	-	NE	3630 FSL, 330 FEL	PRIVATE
2508721282				32E	4		3200 FSL, 3500 FWL	PRVATE
2508721291	•	_	11N	_	4		7013 FNL, 1980 FWL	PRIVATE
2508721607		5	11N	32E	4		2640 FSL, 2640 FWL	PRIVATE
2508721347			11N	32E	3	NW	3100 FSL, 350 FWL	PRIVATE
2508721421			11N			NESE	1680 FSL, 330 FEL	PRIVATE
2508721365				32E		NWSE	1980 FSL, 1980 FEL	PRIVATE
2508721355 I				32E		NESW	1980 FSL, 1980 FWL	PRIVATE
2508721390 I	_		11N :			NWSE	1980 FSL, 825 FWL	PRIVATE
2508721378	_			32E			990 FSL, 1980 FEL	PRIVATE
2508721401 H	HFU	32-4	11N :	32E (	4	9 <del>5</del> 55	990 FSL, 990 FEL	PRIVATE

# DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION





GREG GIANFORTE, GOVERNOR

OIL AND GAS CONSERVATION DIVISION

## STATE OF MONTANA

May 8, 2024

Britt Poulsen, owner Missouri River Holdings LLC 15882 33<sup>rd</sup> Street NW East Fairview, ND 59221

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

Dear Missouri River Holdings LLC:

This letter is regarding the Notice of Intent to Change Operator request from Avery Bakken Disposals, LLC to Missouri River Holdings LLC that was recently submitted to the Board of Oil and Gas Conservation (Board).

The Board and its staff have reviewed the request and the transfer involves a commercial disposal well for which the primary purpose is for-profit disposal of oil and gas wastes not generated by the well operator. Due to the Board's transfer of plugging and reclamation policy, the approval of the change of operator request is being referred to the Board. The policy is enclosed. Missouri River Holdings LLC is requested to appear at the **June 13, 2024**, public hearing. At that time, the Board will determine if Missouri River Holdings LLC's proposed well plugging and reclamation bond is adequate prior to the administrative review and approval of the change of operator request. Missouri River Holdings LLC and its attorney should review the enclosed policy for the suggested information to provide to the Board.

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

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

Sincerely,

Benyamin Jones

Administrator / Petroleum Engineer

cc: Avery Bakken Disposals, LLC

92-2024

Lease Name:

County:

Picard 1-19

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

## **Notice of Intent to Change Operator**

The undersigned Transferor hereby notifies the Board of Oil and Gas Conservation of its intention to transfer ownership and/or operation of the following wells to the undersigned Transferee:

Lease type:(Private, State, Federal, Indian)

**Private** 

County: Roosevelt	Field name: Anvil
Description of wells: Include API well number, well name and number, a quarter and footage measurements, and lease type . ( <u>F</u> ederal, <u>I</u> ndian, <u>P</u>	nd exact location of the well including Township, Range, Section, quarter-rivate, <u>S</u> tate) Attach additional sheets as necessary.
API #: 25-085-21230 Well Name & Number: Picard 1-19 Location of Well: 1350 Ft from North line; 695 Ft from West lin SWNW SEC19 30N 59E Township, Range & Section: (SEC19 R59E T30N) Lease Type: Private	MAY 0.3 2024  MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS
Number of Wells to be Transferred:	Effective Date of Transfer: May 1, 2024
Transferor's Statement:  I hereby designate the Transferee named herein as the owner and/or operator of record of the above described well(s). I acknowledge that the Transferor continues to be responsible for said well(s) and all associated equipment and facilities until such time as this transfer is approved by the Montana Board of Oil and Gas Conservation. I certify that the information contained herein is true and correct:	Transferee's Statement:  I hereby accept the designation of operator/owner for the above described well(s). I understand that this transfer will not be approved until the Transferee has complied with the Board's bonding requirements. I acknowledge that under Section 82-11-101 MCA, the Transferee herein is responsible for the costs of proper plugging and restoration of the surface of the well(s) described above. I certify that the information contained herein is true and correct:
Company Avery Bakken	Company Missouri RIVER Holdings LLC
Street Address 725 Airport Road	Street Address 15882 33 ed J NW
P.O. Box	P.O. Box
City, State, ZIP Blackfoot, ID 83221	City, State, ZIPE FAIRWEW, ND 59321
Signed Joseph S. Connon	Signed But for
Print Name Joseph S. Cannon	Print Name Br. TT Poulsen
Title Managing Partner	Title OWNER
Telephone (208)680-7124	Telephone ( <u>761</u> ) <u>609 - 3392</u>
Date <u>4/22/2024</u>	Date
BOARD U	SE ONLY
ApprovedDate	Field Office Review Date Initial Inspection
Name Title	Records Review Operations
Oper. No. 194 Bond No. T2	Oper No. Bond No.

# DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

#### **BOARD OF OIL AND GAS CONSERVATION**



OIL AND GAS CONSERVATION DIVISION



May 10, 2024

Loren Hoekema, Manager SkyDance Resources, LLC 1103 Illinois Street Sidney, NE 69162

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

Dear SkyDance Resources, LLC:

This letter is regarding the unsigned Notice of Intent to Change Operator request from Beartooth Oil & Gas Company to SkyDance Resources, LLC (SkyDance) that was recently submitted to the Board of Oil and Gas Conservation (Board). The signed Notice of Intent to Change Operator request must be received prior to the June 13, 2024, public hearing.

The Board and its staff have reviewed the request and SkyDance is a new operator that is acquiring 10 or more wells to be covered by a single, multiple well bond. Due to the Board's transfer of plugging and reclamation policy, the approval of the change of operator request is being referred to the Board. The policy is enclosed. SkyDance is requested to appear at the **June 13**, **2024**, public hearing. At that time, the Board will determine if SkyDance's proposed multiple well plugging and reclamation bond is adequate prior to the administrative review and approval of the change of operator request. SkyDance and its attorney should review the enclosed policy for the suggested information to provide to the Board.

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

If you have any questions, please contact me at (406) 656-0040 or at biones@mt.gov.

Sincerely,

Benjamin Jones

Administrator / Petroleum Engineer

cc: Beartooth Oil & Gas Company

93-2024

Lease Name:

Multiple

#### SUBMIT IN QUADRUPLICATE TO

ARM 36.22.307 36.22.1308

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

### **Notice of Intent to Change Operator**

The undersigned Transferor hereby notifies the Board of Oil and Gas Conservation of its intention to transfer ownership and/or operation of the following wells to the undersigned Transferee:

Lease type:(Private, State, Federal, Indian)

	All Leases are Private					
County: Musselshell	Field name:  Multiple					
Description of wells: Include API well number, well name and number, and exact location of the well including Township, Range, Section, quarter-quarter and footage measurements, and lease type . ( <u>Federal, Indian, Private, State</u> ) Attach additional sheets as necessary.						
See attached list	RECEIVED					
	MAY 08 2024					
	MONTANA BOARD OF OIL & GAS CONSERVATION • BILLINGS					
Number of Wells to be Transferred: 29	Effective Date of Transfer: 1-May-24					
Transferor's Statement:  I hereby designate the Transferee named herein as the owner and/or operator of record of the above described well(s). I acknowledge that the Transferor continues to be responsible for said well(s) and all associated equipment and facilities until such time as this transfer is approved by the Montana Board of Oil and Gas Conservation. I certify that the information contained herein is true and correct:	Transferee's Statement:  I hereby accept the designation of operator/owner for the above described well(s). I understand that this transfer will not be approved until the Transferee has complied with the Board's bonding requirements. I acknowledge that under Section 82-11-101 MCA, the Transferee herein is responsible for the costs of proper plugging and restoration of the surface of the well(s) described above. I certify that the information contained herein is true and correct:					
Company Beartooth Oil & Gas Company	Company SkyDance Resources, LLC					
Street Address 2812 1st Avenue North, Ste 525	Street Address 1103 Ilinois Street					
P.O. Box <u>2564 (59103)</u>	P.O. Box <u>101</u>					
City, State, ZIP Billings, MT 59101	City, State, ZIP Sidney, NE 69162					
Signed	Signed					
Print Name Laura L. Roberts	Print Name Loren Hoekema					
Title President	Title Manager					
Telephone ( <u>406</u> ) <u>259-2451</u>	Telephone ( <u>308</u> ) <u>254-0111</u>					
Date						
BOARD US	SE ONLY					
Approved Date	Field Office Review Date Initial  Inspection Records Review					
Name Title	Operations					
Oper. No. WWO Bond No.	Oper No. Bond No.					

#### **Instructions for Form 20**

This form is used to change the Operator of Record for wells. Complete the front portion of this form as indicated.

To transfer a number of wells please type: "See attached list" in the **Description of Wells** area and include the list of wells as an attachment.

The list of wells should be <u>separated by lease</u> and <u>sorted by Township</u>, <u>Range</u>, <u>and Section</u>. Wells should be identified as <u>Federal</u>, <u>Indian</u>, <u>Private</u>, or <u>State</u> under lease type. <u>Injection/SWD</u> wells should be identified as such. Plugged and Abandoned wells should not be included for transfer. The list should be in the following format:

API Number Lease Name Well Number Twp. Rge. Sec. Qtr Qtr Footage Lease Type

The form must be signed by both the current owner/operator (transferor) and the proposed new owner/operator (transferee). The current operator of record will continue to be responsible for any wells and associated equipment or facilities until the transfer is approved by an authorized agent of the Montana Board of Oil and Gas Conservation.

For large change of operator submissions, if possible, please include a diskette containing the data list.

The Montana Board of Oil and Gas Conservation may withhold approval of the transfer until the well(s) made the subject of this form is (are) in substantial compliance with all applicable Board rules. All production reports, notices, forms, logs, samples, or other information required by Board law, rule, or order must be on file with the Board. The transferee must be in compliance with the Board's bonding requirements, as provided in Rules 36.22.1308 and 1408 ARM, before the transfer can be approved. A copy of the approved or disapproved Form 20 will be returned to each party.

Parties transferring wells are advised that the identity of responsible persons as defined by Section 82-11-101, MCA, will be determined by the Board's records.

If this form relates to a proposed change in the operator of record for a State of Montana oil and gas lease issued by the Montana Board of Land Commissioners, the parties should send a separate copy of this form to the Montana Department of Natural Resources and Conservation, Trust Lands Management Division, Minerals Management Bureau, 1625 Eleventh Avenue, P.O. Box 201601, Helena Montana 59620-1601.

The proposed new operator should have a current copy of the rules and laws of the Montana Board of Oil and Gas Conservation. Copies of the rules and laws may be obtained from any Board office, or are available on the Internet at http://www.bogc.dnrc.mt.gov.

NOTICE: False or inaccurate information can void the transfer of a well or wells to another operator's bond. Be sure to verify the accuracy of all well descriptions and other information supplied with this form.

BOARD USE ONLY	CONDITIONS OF APPROVAL						
*							

# . Well List Attachment Notice of Intent to Change Operator Beartooth Oll Gas Company to SkyDance, LLC

				,			
API#	Well_Nm	Well_Type	Field	Wh_TR	Wh_Sec Wh_Qtr	Wh_FtNS Wh_NS	Wh_FtEW Wh_EW
25-065-21013-00-0	0 Bakken 20-14	Oil	Hiawatha	10N-31E	20 SESW	706 S	1914 W
25-065-21665-00-0	0 DREES 29-3R	Injection, EOR	Hiawatha	10N-31E	29 NE NE NW	330 N	
25-065-21113-00-0	0 BNI 29-10 JCU	Oil	Jim Coulee	11N-27E	29 SW NW SE	1650 S	2291 W
25-065-21139-00-0	0 BNI 29-5 JC	Injection, EOR	Jim Coulee	11N-27E	29 NE SW NW	1975 N	2357 E
25-065-21124-00-0	0 BNI 33-6 J.C.U.	Oil	Jim Coulee	11N-27E	33 SE NW		675 W
25-065-21114-00-0	0 J.C.U. 32-2	Oil	Jim Coulee	11N-27E	32 NE NW NE	2207 N	1781 W
25-065-21111-00-0	0 J.C.U. 29-15	Oit	Jim Coulee	11N-27E	29 NW SW SE	372 N	1674 E
25-065-21118-00-0	0 J.C.U. 32-1	Oil	Jim Coulee	11N-27E	32 SW NE NE	987 S	2359 E
25-065-21126-00-0		Injection, EOR	Jim Coulee	11N-27E		731 N	744 E
25-065-21137-00-0	_	Oil	Jim Coulee	11N-27E	32 NE SW NE	1650 N	1684 E
25-065-21264-00-0		Oil	Little Wall Creek	11N-27E 11N-27E	30 NW SE NE	1974 N	675 E
25-065-21210-00-0		Oil	Little Wall Creek	11N-27E 11N-27E	35 NW NW SW	2350 S	330 W
25-065-21217-00-0	0 BNI 35-6	Injection - Disposal	Little Wall Creek	11N-27E 11N-27E	35 SW SW NW	2366 N	335 W
25-065-21201-00-0		Oil	Little Wall Creek		35 SENW	2362 N	1675 W
25-065-21235-00-0		Oil	Little Wall Creek	11N-27E 11N-27E	34 SW SW SE	330 S	2310 E
25-065-21306-00-0		Oil	Little Wall Creek		34 NW SE SE	960 S	666 E
25-065-21207-00-0		Oil	Little Wall Creek	11N-27E	34 SW SW SW	600 S	330 W
25-065-21213-00-0		Injection, EOR	Little Wall Creek	11N-27E	34 NE NE SE	2363 S	334 E
25-065-21324-00-0		Oil		11N-27E	34 SE SE NE	2363 N	335 E
25-065-21092-00-0		Oil	Little Wall Creek, South	10N-27E	11 SW NW	1980 N	660 W
25-065-21694-00-0		Water Source	Little Wall Creek, South	10N-27E	3 NE NW	800 N	1980 W
25-065-21701-00-0			Little Wall Creek, South	10N-27E	3 SE SE NE	2630 N	380 E
25-065-21280-00-0		Injection, EOR Oil	Little Wall Creek, South	10N-27E	10 NE SW SE	990 S	1650 E
25-065-21186-00-0			Little Wall Creek, South	10N-27E	10 NW NE NE	330 N	990 E
25-065-21194-00-0		Injection, EOR	Winnett Junction	11N-25E	5 S2 SW SE	510 S	1980 E
25-065-21346-00-0	0	Oil	Winnett Junction	11N-25E	8 NE NE NW	495 N	2310 W
		Oil	Winnett Junction	11N-25E	8 NW NE NW	500 N	1346 W
25-065-21203-00-0		Oil	Winnett Junction	11N-25E	8 E2 NW NW	660 N	905 W
25-065-21365-00-0		Oil	Winnett Junction	11N-25E	8 SW NW NW	1000 N	300 W
25-065-21381-00-0	Water Source 1	Water Source	Winnett Junction	11N-25E	5 SE SW SE	324 S	1747 E