

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION**

**APPLICATION OF SOLARIS WATER
MIDSTREAM, LLC FOR APPROVAL
OF A SALTWATER DISPOSAL WELL,
LEA COUNTY, NEW MEXICO**

CASE NO. 24380

SOLARIS WATER MIDSTREAM, LLC'S NOTICE OF SUPPLEMENTAL EXHIBITS

In accordance with the technical examiner's request at the June 13, 2024 hearing in this matter, Solaris Water Midstream, LLC submits the Supplemental Self-Affirmed Statement of Patrick Ryan (Exhibit E), which includes the following sub-exhibits: (1) June 17, 2024 e-mail correspondence from the Bureau of Land Management to the Oil Conservation Division regarding the location of the Ragin Rutley SWD #1 (Exhibit E-1); (2) corrected C-102 (Exhibit E-2); and (3) Lost Circulation Plan for the Ragin Rutley SWD #1 (Exhibit E-3).

Respectfully submitted,

HINKLE SHANOR, LLP

/s/ Dana S. Hardy

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Counsel for Solaris Water Midstream, LLC

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing notice was sent to the following counsel of record by electronic mail on this 31st day of July, 2024.

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SUPPLEMENTAL SELF-AFFIRMED STATEMENT OF PATRICK RYAN

1. I am employed by Solaris Water Midstream, LLC (“Solaris”) as a Senior Geologist. I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I previously submitted a self-affirmed statement in this matter and testified at the Division hearing on June 13, 2024.

2. At the hearing, the technical examiner requested that Solaris provide additional information regarding sampling of the water wells identified in Solaris’s C-108 (Solaris Exhibit A) at pages 29-35.

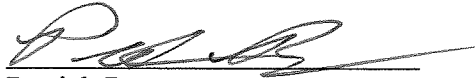
3. Solaris has contacted the landowner where the water wells are located and was informed that the wells are geotechnical core wells that do not contain any water. As a result, no sampling of these wells was performed.

4. The technical examiner also requested that Solaris provide confirmation that the Bureau of Land Management (“BLM”) approves of the proposed well location. A copy of the BLM’s communication approving the location is attached as Exhibit E-1. Solaris is continuing to work with the BLM to obtain approval of its APD and understands that BLM approval of the APD will be a condition of the Division’s injection permit.

5. In accordance with the technical examiner’s request, I am also attaching a corrected C-102 as Exhibit E-2.

6. Finally, per the technical examiner's request, I am attaching a plan that addresses lost circulation should it occur near the BELCO AIA FEDERAL #004H (API #30-025-38818) well. See Exhibit E-3.

7. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.


Patrick Ryan

07/30/2024
Date

Exhibit E-1

Drew Dixon

From: Rutley, James S <JRutley@blm.gov>
Sent: Monday, June 17, 2024 7:34 AM
To: Goetze, Phillip, EMNRD; Drew Dixon; Cassidy Chau
Subject: Ragin Rutley SWD

Caution: This email originated from outside of the organization. Please take care when clicking links or opening attachments. When in doubt, contact IT

Good Morning Phillip,

I hope you're doing fabulous. We're trying hard not to melt this upcoming week.

The Ragin Rutley SWD, will be drilled from the east side of the Belco Tetris Drill Island in Section 14, T20S R32E.

Similar to drill islands with their half mile no mining buffer, SWDs, also have that half mile buffer, so we prefer them to be either on or very near a deep drill island. This keeps the SWD within the established buffers of the island.

We have four development areas in the immediate area that will likely dispose of water here. The drill island is located on Mosaic's Federal Potassium Lease.

Please feel free to contact me if you have any questions.

Hope you have a great week.

Kind regards,

Jim

Sent from my Verizon, Samsung Galaxy smartphone
Get [Outlook for Android](#)

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1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code 97869	³ Pool Name DEVONIAN-SILURIAN
⁴ Property Code	⁵ Property Name RAGIN' RUTLEY SWD		⁶ Well Number 1
⁷ OGRID No. 371643	⁸ Operator Name SOLARIS WATER MIDSTREAM, LLC		⁹ Elevation 3,531'

¹⁰ Surface Location

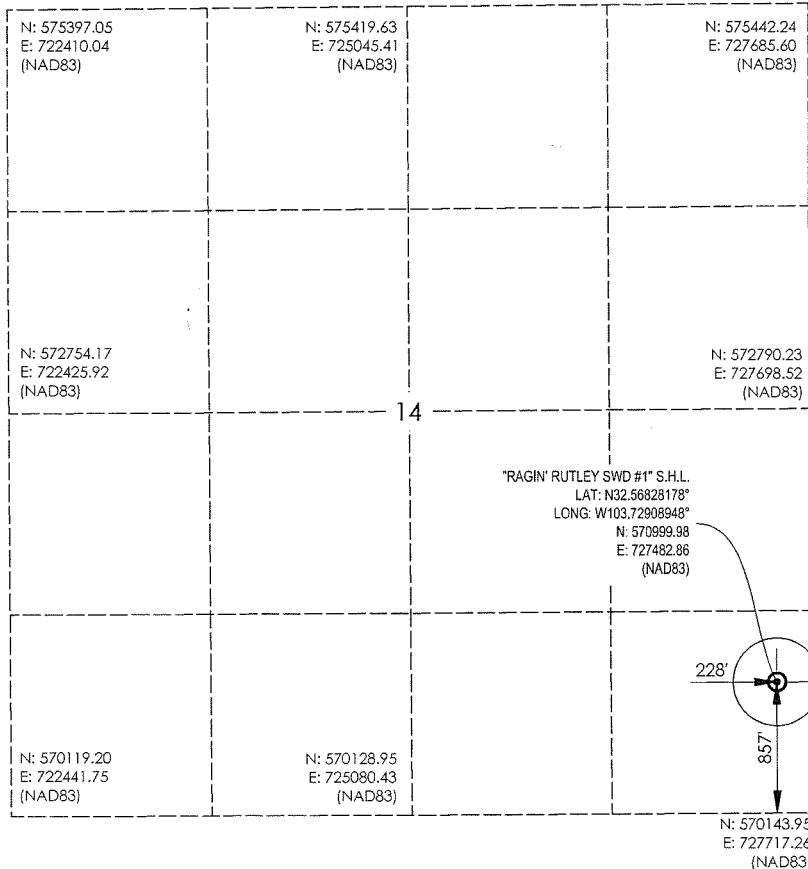
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	14	20 S	32 E		857'	SOUTH	228'	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Drew Dixon 07/29/24
Signature Date

Drew Dixon
Printed Name

drew.dixon@ariswater.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of land surveys made by me or under my supervision and that the same is true and correct to the best of my belief.

Date of Survey: 23783
Signature and Seal of Professional Surveyor

[Signature]
10/30/2019
Certificate Number

Exhibit E-3

Ragin Rutley SWD 1 – Lost Circulation Plan

- 1) If seepage is seen while drilling, pump 60 bbl of 1-2 ppb, 60 vis sweeps containing paper and other LCM as recommended by the mud company. Pump another sweep every 30' until seepage stops.
 - a. If seepage does not improve, increase LCM volume in the sweeps to maximum concentration recommended by directional provider so as not to plug the MWD.
- 2) If full losses occur, stop drilling and pick up off bottom.
 - a. Pump multiple 60 bbl, 60 vis sweeps at maximum recommended concentration so as not to plug the MWD.
- 3) If no returns are seen, trip out of the hole laying down the MWD and motor. Pick up a bit and bit sub with no jets installed so maximum concentrations of LCM can be pumped.
 - a. Once on bottom with bit and bit sub, pump 60 bbl, 60 vis sweeps containing various size and type LCM at maximum concentration, avoiding risk of plugging string or bit.
- 4) If no returns are seen, stay on bottom with previous assembly and begin pumping specialty LCM as recommended by manufacturer.
- 5) If returns are still absent, drill ahead one full stand taking care not to shut down pumps while on bottom to avoid sticking string. Prep to pump cement plug.
 - a. Pump multiple, smaller cement plugs until returns can be established.
 - b. Once returns are established, pick up directional tools and motor to continue drilling ahead.