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Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
6/24/2019		SWD	pMAM19177 53224

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & Engineering Bureau –
1220 South St. Francis Drive, Santa Fe, NM 87505

ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: LilyStream Water Solutions, LLC **OGRID Number:** 373500
Well Name: Berry Lazy Ace SWD #1 **API:** 30-015-xxxxx
Pool: Proposed: SWD; Devonian-Silurian **Pool Code:** 97869

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☒ Offset operators or lease holders
B. ☒ Royalty, overriding royalty owners, revenue owners
C. ☒ Application requires published notice
D. ☒ Notification and/or concurrent approval by SLO
E. ☒ Notification and/or concurrent approval by BLM
F. ☒ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Joel Lowry
Print or Type Name

Signature

5/10/2019
Date

432-466-4450
Phone Number

joel@lowryenvironmental.com
e-mail Address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL
RESOURCES DEPARTMENT

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

FORM C-108
Revised June 10, 2003

APPLICATION FOR AUTHORIZATION TO INJECT

I. *PURPOSE:* _____ *Secondary Recovery* _____ *Pressure Maintenance* **XXX** *Disposal* _____ *Storage*
Application qualifies for administrative approval? **XXX** *Yes* _____ *No*

II. *OPERATOR:* **LilyStream Water Solutions, LLC**
ADDRESS: **1308 West Ave. N, Lovington, NM, 88260**
CONTACT PARTY: **Joel Lowry** *PHONE:* **432-466-4450**

III. *WELL DATA: Complete the data required on the reverse side of this form for each well proposed for injections. Additional sheets may be attached if necessary.*

Applicable Well Data is provided as Attachment #1.

IV. *Is this an expansion of an existing project?* _____ *Yes* **XXX** *No*
If yes, give the Division order number authorizing the project: **N/A**

V. *Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.*

A map identifying all wells and leases within a two mile radius is provided as Figure 1 in Attachment #2.
A map identifying all wells and leases within the one-mile expanded Area of Review is provided as Figure 2 in Attachment #2.

VI. *Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.*

A tabulation of data on all wells of public record within the expanded area of review which penetrate the proposed injection zone is provided as Attachment #3.

VII. *Attach data on the proposed operation, including:*

1. *Proposed average and maximum daily rate and volume of fluids to be injected;*
2. *Whether the system is open or closed;*
3. *Proposed average and maximum injection pressure;*
4. *Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and,*
5. *If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).*

Proposed operation details are provided as Attachment #4.
Analysis from source zone produced water is provided as Attachment #4a.
Analysis from injection zone produced water is provided as Attachment #4b.

***VIII.** *Attach appropriate geologic data on the injection zone including appropriate lithologic detail, geologic name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.*

Geological data on the proposed injection zone is provided as Attachment #5.

IX. *Describe the proposed stimulation program, if any.*

Acid may be utilized to clean and open the formation in accordance with industry standards, as necessary.

***X.** *Attached appropriate logging and test data on the well. (If well logs have been filed with the Division, the need not be resubmitted).*

As this is a new drill, logging and test data is not available. Well Log and test data will be filed with the NMOCD upon completion of the well. NMOCD District I Office will be notified prior to conducting MIT.

***XI.** *Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.*

A map depicting fresh water wells within a one mile radius and associated chemical analysis, if applicable, is provided as Attachment #6.

XII *Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal one and any underground sources of drinking water.*

An Affirmative Statement is provided as Attachment #7.

XIII *Applicants must complete the "Proof of Notice" section on the reverse side of this form.*

"Proof of Notice" documentation is provided as Attachment #8.

XIV. *Certification: I hereby certify that the information submitted with the application is true and correct to the best of my knowledge and belief.*

NAME: Joel Lowry *TITLE:* Agent of Lilystream Water Solutions, LLC

SIGNATURE: Joel Lowry

EMAIL ADDRESS: joel@lowryenvironmental.com

If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submitta

DISTRIBUTION: Original and one copy to Santa Fe with one copy to the appropriate District Office

ATTACHMENT #1

Well Data

Attachment #1 **III. Well Data**

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

(1)

General Well Information	
Operator	LilyStream Water Solutions, LLC
Lease Name & Well No.	Berry Lazy Ace SWD #1
Location	1,620' FSL & 2,620' FEL, UL J, Sec. 34, T20S, R34E

(2)

Casing Information								
String	Size (in.)	Grade	Weight	Setting Depth (ft bgs)	Cement (sx)	Hole Size (in.)	Estimated Top of Cement	Method of Determination
Surface	20	J-55	94.0 lb/ft.	1,677	2,600	26	Surface	Circulation
Intermediate 1	13.375	P-110	80.7 lb/ft	5,706	3,300	17.5	Surface	Circulation
Production	9.625	P-110	53.5 lb/ft.	11,806	3,100	12.25	Surface	Circulation
Liner	7.625	P-110	39.0 lb/ft.	11506 to 14916	350	8.5	11506' (TOL)	CBL

(3)

Description of Tubing			
Size	Weight	Lining Material	Setting Depth (ft.)
5.5"	23.0 lb/ft	Internal Plastic Coated	11,446
5"	18.0 lb/ft	Internal Plastic Coated	14,816

(4)

Packer Information	
Type	Setting Depth (ft.)
LOK-SET ™ or Equivalent	14,816

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

	Injection Information	
(1)	Name of Injection Formation:	Devonian-Silurian
(2)	Injection Interval:	14916 to 16306 ft.
	Perforated or Open-Hole:	Open Hole
(3)	Purpose of Well:	New Drill for Salt Water Disposal
(4)	Other Perforated Intervals:	None

(5)

Estimated Depth of Various Formations Including Oil and Gas Zones (ft. bgs)	
T. Rustler	1,652
T. Salt	1,836
B. Salt	3,326
T. Capitan	3,808
T. Delaware	5,606
T. Bone Spring	8,636
T. Wolfcamp	11,406
T. Strawn	12,536
T. Atoka	12,796
T. Morrow	13,251
T. Missippian	14,201
T. Woodford Shale	14,753
T. Devonian	14,916
T. Montoya	16,306

There are no known oil and gas zones beneath the proposed injection zone.

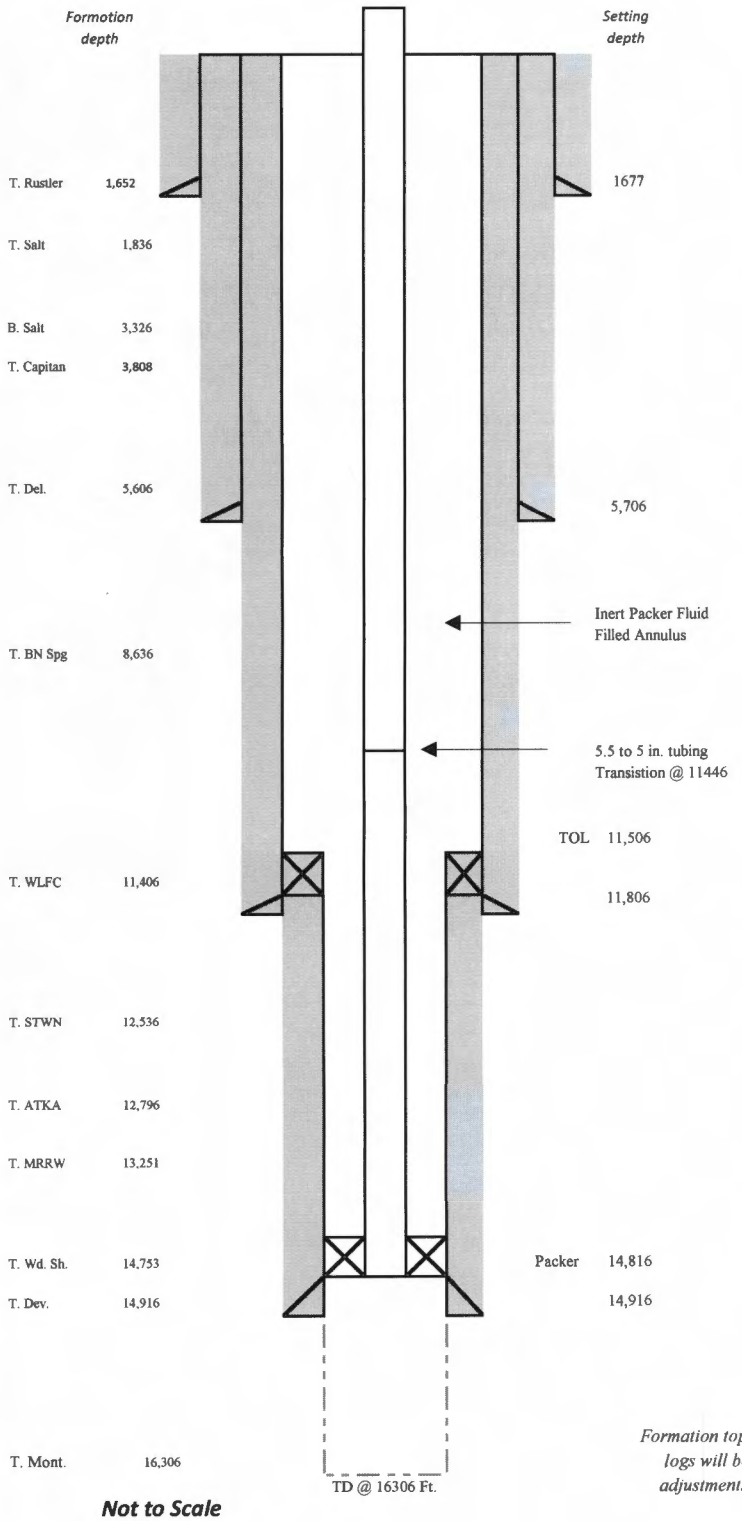
INJECTION WELL DATA SHEET

OPERATOR: **LilyStream Water Solutions, LLC**

WELL NAME & NUMBER: **Berry Lazy Ace SWD #1**

WELL LOCATION					
1,620' FSL & 2,620' FEL	**J**	**34**	**20S**	**34E**
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE

WELLBORE SCHEMATIC



Not to Scale

WELL CONSTRUCTION DATA

Surface Casing

Hole Size **26** in. Casing Size: **20** in.

Setting Depth: **Surface** ft. to **1,677** ft.

Cemented with: **2600** sx. or _____ ft^3

Top of Cement: **Surface** Method Determined **Circulation**

1st Intermediate Casing

Hole Size **17.5** in. Casing Size: **13.375** in.

Setting Depth: **Surface** ft. to **5,706** ft.

Cemented with: **3300** sx. or _____ ft^3

Top of Cement: **Surface** Method Determined **Circulation**

Production Casing

Hole Size **12.25** in. Casing Size: **9.625** in.

Setting Depth: **Surface** ft. to **11,806** ft.

Cemented with: **3100** sx. or _____ ft^3

Top of Cement: **Surface** Method Determined **Circulation**

Liner

Hole Size **8.5** in. Casing Size: **7.625** in.

Setting Depth: **11,506** ft. to **14,916** ft.

Cemented with: **350** sx. or _____ ft^3

Top of Cement: **11506** TOL Method Determined **CBL**

Open Hole Injection Interval

14,916 ft. to **16,306** ft

Formation tops have been extrapulated from control wells in the vicinity. During drilling activites, mud and other logs will be utilized to confirm depths and thicknesses of geologic formations. Should logging data indicate adjustments are required to the casing and cement program, applicable Sundry Notices will be filed with the NMOCD.

INJECTION WELL DATA SHEET

Tubing Size: **5.5" tapered to 5"** Lining Matrial: **Internal Plastic Coated (ICP)**

Type of Packer: **LOK-SET ™ or Equivalent**

Packer Setting Depth: **14,816** Ft.

Other Type of Tubing/Casing Seal (if applicable): **Not Applicable**

Additional Data

1. Is this a new well drilled for injection? **XXX** Yes _____ No

   If no, for what purpose was the well oringally drilled? **N/A**

2. Name of the Injection Formation: **Devonian-Silurian**

3. Name of Field or Pool (if applicable): **SWD; Devonian-Silurian**

4. Has the well ever been perforated in any other zones (s)" List all such perforated intervals and give plugging detail, i.e. sacks of cent or plugs(s) used. **N/A**

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area:

name	*depth*
T. Rustler	**1,652**
T. Salt	**1,836**
B. Salt	**3,326**
T. Capitan	**3,808**
T. Delaware	**5,606**
T. Bone Spring	**8,636**
T. Wolfcamp	**11,406**
T. Strawn	**12,536**
T. Atoka	**12,796**
T. Morrow	**13,251**
T. Missippian	**14,201**
T. Woodford	**14,753**
T. Devonian	**14,916**
T. Montoya	**16,306**

There are no known oil and gas zones underlying the proposed injection interval

ATTACHMENT #2

Figure 1 - 2-Mile Area of Review Map

Figure 2 - 1-Mile Area of Review Map

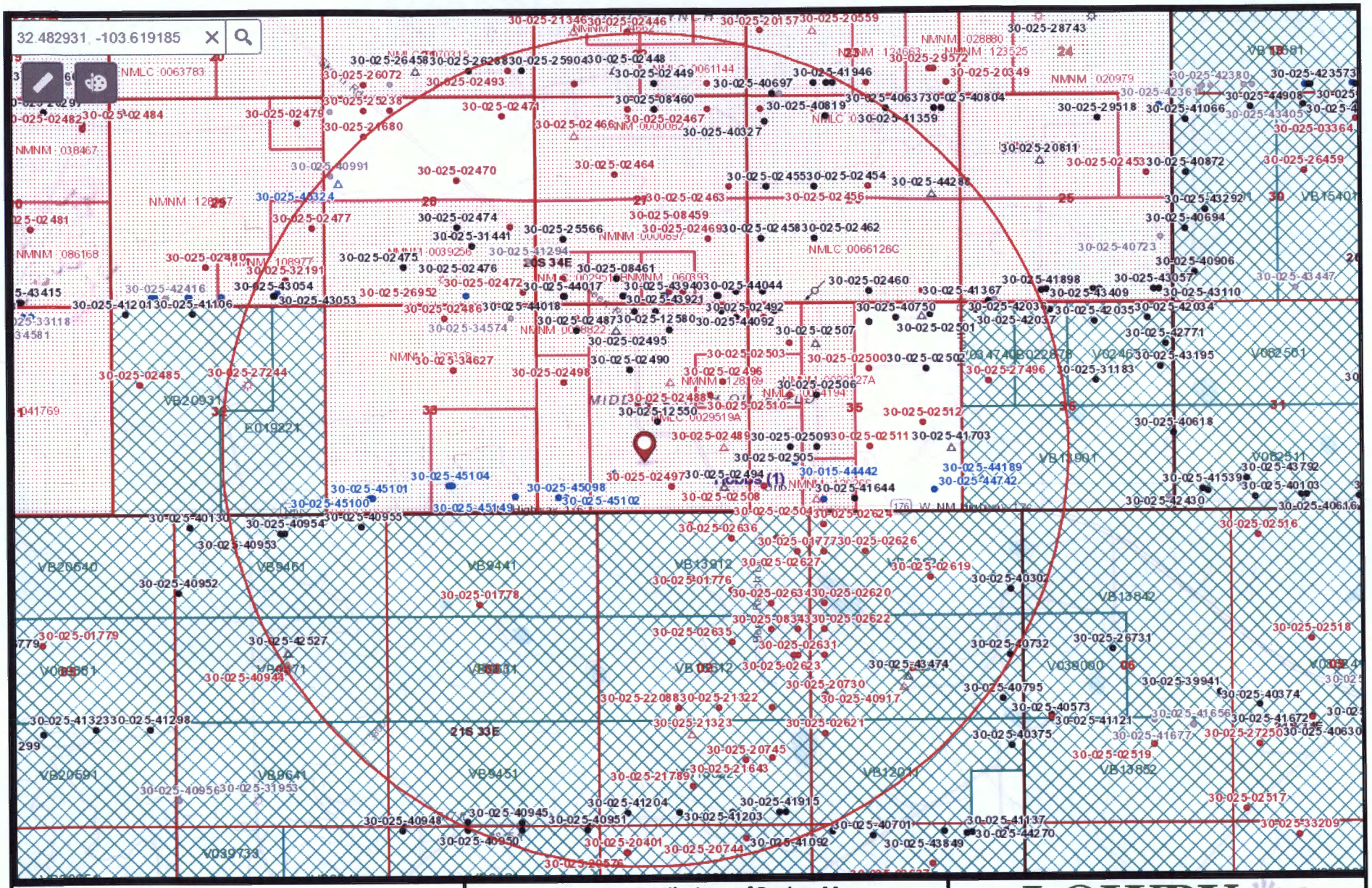


Figure 1 - 2-Mile Area of Review Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

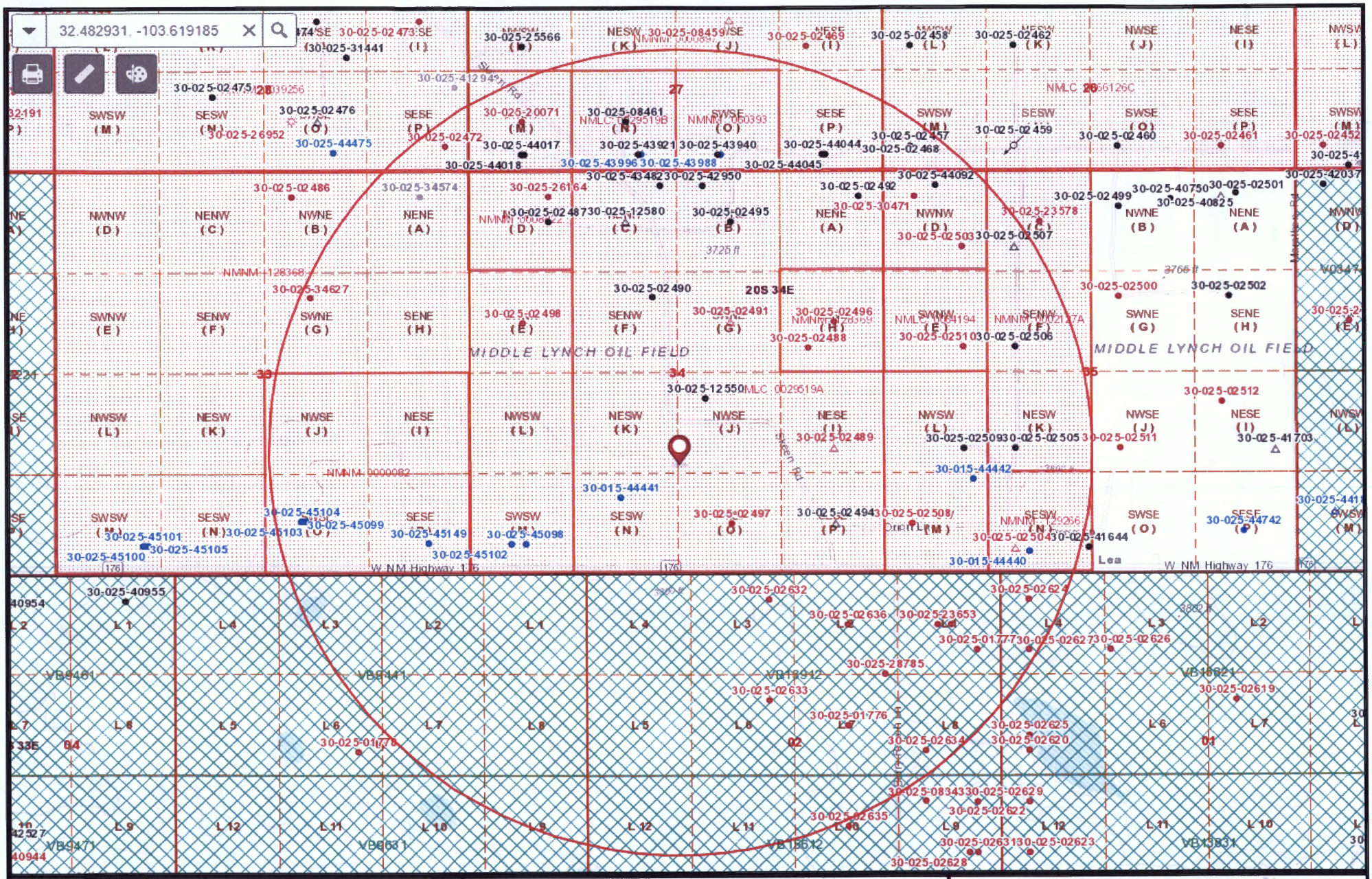
API No. Pending

Legals: UL J, Sec. 34,T20S, R34E

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/11/2019



LEGEND:

- Proposed SWD Location
- 1-Mile Radius

Figure 2 - 1-Mile Area of Review Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

API No. Pending

Legals: UL J, Sec. 34,T20S, R34E

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/11/2019

ATTACHMENT #3

Tabulation of Data Wells within AOR

TABULATION OF DATA

Summary of Wells within AOR and Surrounding Vicinity									
API No.	Well Name	Type	Status	Section	Township	Range	Unit Letter	OCRID Name	Pool ID
30-015-44440	NORTH SQUARE LAKE UNIT #206	Oil	New (Not Drilled/Completed)	32	16S	31E	K	REMNANT OIL OPERATING, LLC	[57570] SQUARE LAKE, GRAYBURG-SAN ANDRES
30-015-44441	NORTH SQUARE LAKE UNIT #208	Oil	New (Not Drilled/Completed)	36	16S	30E	H	REMNANT OIL OPERATING, LLC	[57570] SQUARE LAKE, GRAYBURG-SAN ANDRES
30-015-44442	NORTH SQUARE LAKE UNIT #209	Oil	New (Not Drilled/Completed)	32	16S	31E	D	REMNANT OIL OPERATING, LLC	[57570] SQUARE LAKE, GRAYBURG-SAN ANDRES
30-025-01776	PRE-ONGARD WELL #004	Oil	Plugged (Site Released	2	21S	33E	7	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-01777	PRE-ONGARD WELL #005	Oil	Plugged (Site Released	2	21S	33E	1	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-01778	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	3	21S	33E	6	PRE-ONGARD WELL OPERATOR	No Data
30-025-02454	HANSON B #002	Oil	Active	26	20S	34E	F	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02455	HANSON B #001	Oil	Active	26	20S	34E	E	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02457	CRUCES FEDERAL #001	Oil	Active	26	20S	34E	M	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02458	CRUCES FEDERAL #002	Oil	Active	26	20S	34E	L	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02459	CRUCES FEDERAL #003	I	Active	26	20S	34E	N	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02460	CRUCES FEDERAL #004	Oil	Active	26	20S	34E	O	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02462	CRUCES FEDERAL #006	Oil	Active	26	20S	34E	K	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02463	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	27	20S	34E	H	PRE-ONGARD WELL OPERATOR	No Data
30-025-02464	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	27	20S	34E	F	PRE-ONGARD WELL OPERATOR	No Data
30-025-02468	FLETCHER A DE FEDERAL #002	Oil	Active	27	20S	34E	P	MARATHON OIL PERMIAN LLC	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02469	PRE-ONGARD WELL #003	Oil	Plugged (Site Released	27	20S	34E	I	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02472	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	28	20S	34E	P	PRE-ONGARD WELL OPERATOR	No Data
30-025-02473	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	28	20S	34E	I	PRE-ONGARD WELL OPERATOR	No Data
30-025-02474	SILVER FEDERAL #001	Oil	Active	28	20S	34E	J	STEVEN D RUPPERT	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02475	SILVER FEDERAL #003	Oil	Active	28	20S	34E	N	STEVEN D RUPPERT	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02476	SILVER FEDERAL #004	SWD	Active	28	20S	34E	O	STEVEN D RUPPERT	[96141] SWD, YATES-SEVEN RIVERS
30-025-02486	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	33	20S	34E	B	PRE-ONGARD WELL OPERATOR	No Data
30-025-02487	KINNEY #001	Oil	Active	34	20S	34E	D	FULFER OIL & CATTLE LLC	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02488	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	34	20S	34E	H	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02489	B V LYNCH A FEDERAL #008	SWD	Plugged (Site Released	34	20S	34E	I	OLSEN ENERGY INC	[42370] LYNCH, YATES-SEVEN RIVERS; [96141] SWD, YATES-SEVEN RIVERS
30-025-02490	B V LYNCH A FEDERAL #009	Oil	Active	34	20S	34E	F	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02491	B V LYNCH A FEDERAL #011	SWD	Plugged (Site Released	34	20S	34E	G	OLSEN ENERGY INC	[96141] SWD, YATES-SEVEN RIVERS
30-025-02492	B V LYNCH A FEDERAL #012	Oil	Active	34	20S	34E	A	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02494	B V LYNCH A FEDERAL #002	SWD	Active	34	20S	34E	P	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS; [96141] SWD, YATES-SEVEN RIVERS
30-025-02495	B V LYNCH A FEDERAL #003	Oil	Active	34	20S	34E	B	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02496	PRE-ONGARD WELL #004	Oil	Plugged (Site Released	34	20S	34E	H	PRE-ONGARD WELL OPERATOR	No Data
30-025-02497	PRE-ONGARD WELL #005	Oil	Plugged (Site Released	34	20S	34E	O	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02498	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	34	20S	34E	E	PRE-ONGARD WELL OPERATOR	No Data
30-025-02499	NEAL #001	Oil	Active	35	20S	34E	B	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02500	NEAL #002	Oil	Plugged (Site Released	35	20S	34E	G	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02501	NEAL #003	SWD	Active	35	20S	34E	A	BURK ROYALTY CO., LTD.	[96090] SWD, YATES
30-025-02502	NEAL #004	Oil	Active	35	20S	34E	H	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02503	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	35	20S	34E	D	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02504	LYNCH A #001	SWD	Plugged (Site Released	35	20S	34E	N	C W TRAINER	[96141] SWD, YATES-SEVEN RIVERS
30-025-02505	W H MILNER FEDERAL #002	Oil	Active	35	20S	34E	K	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02506	W H MILNER FEDERAL #003	Oil	Active	35	20S	34E	F	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02507	W H MILNER FEDERAL #004	SWD	Active	35	20S	34E	C	BURK ROYALTY CO., LTD.	[96090] SWD, YATES
30-025-02508	B V LYNCH A FEDERAL #006	Oil	Plugged (Site Released	35	20S	34E	M	OLSEN ENERGY INC	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02509	B V LYNCH A FEDERAL #007	Oil	Active	35	20S	34E	L	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02510	FEDERAL #001	Oil	Plugged (Site Released	35	20S	34E	E	HUDSON OIL COMPANY OF TEXAS	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02511	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	35	20S	34E	J	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02512	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	35	20S	34E	I	PRE-ONGARD WELL OPERATOR	No Data
30-025-02619	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	1	21S	33E	7	PRE-ONGARD WELL OPERATOR	No Data
30-025-02620	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	1	21S	33E	S	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS

30-025-02622	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	1	21S	33E	12	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02623	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	1	21S	33E	12	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02624	PRE-ONGARD WELL #004	Oil	Plugged (Site Released	1	21S	33E	4	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02625	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	1	21S	33E	5	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02626	PRE-ONGARD WELL #003	Oil	Plugged (Site Released	1	21S	33E	3	PRE-ONGARD WELL OPERATOR	No Data
30-025-02627	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	1	21S	33E	4	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02628	PRE-ONGARD WELL #001Y	Oil	Plugged (Site Released	2	21S	33E	9	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02629	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	2	21S	33E	9	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02631	PRE-ONGARD WELL #003	Oil	Plugged (Site Released	2	21S	33E	9	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02632	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	2	21S	33E	3	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02633	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	2	21S	33E	6	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02634	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	2	21S	33E	8	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02635	PRE-ONGARD WELL #004	Oil	Plugged (Site Released	2	21S	33E	10	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-02636	PRE-ONGARD WELL #003	Oil	Plugged (Site Released	2	21S	33E	2	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-08343	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	2	21S	33E	9	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-08459	FLETCHER A DE FEDERAL #004	SWD	Plugged (Site Released	27	20S	34E	J	ARCO PERMIAN	[96141] SWD, YATES-SEVEN RIVERS
30-025-08461	B V LYNCH B FEDERAL #002	Oil	Active	27	20S	34E	N	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-08464	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	27	20S	34E	O	PRE-ONGARD WELL OPERATOR	No Data
30-025-08465	KEOHANE A #001	Oil	Plugged (Site Released	27	20S	34E	O	BURK ROYALTY CO., LTD.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-12550	B V LYNCH A FEDERAL #001	Oil	Active	34	20S	34E	J	MAS OPERATING CO.	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-12580	B V LYNCH A FEDERAL #010	SWD	Active	34	20S	34E	C	MAS OPERATING CO.	[96141] SWD, YATES-SEVEN RIVERS
30-025-20071	GULF DE FEDERAL #001	Oil	Plugged (Site Released	27	20S	34E	M	SUNDOWN ENERGY LP	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-20730	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	1	21S	33E	13	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-21321	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	2	21S	33E	16	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-21322	PRE-ONGARD WELL #002	Oil	Plugged (Site Released	2	21S	33E	15	PRE-ONGARD WELL OPERATOR	No Data
30-025-21323	READ STATE #001	SWD	Plugged (Site Released	2	21S	33E	K	DAN C BERRY	[96121] SWD, SAN ANDRES
30-025-22088	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	2	21S	33E	14	PRE-ONGARD WELL OPERATOR	No Data
30-025-23578	FEDERAL C #001	Oil	Plugged (Site Released	35	20S	34E	C	ARLEN L EDGAR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-23653	PRE-ONGARD WELL #006	Oil	Plugged (Site Released	2	21S	33E	1	PRE-ONGARD WELL OPERATOR	No Data
30-025-25566	FLETCHER FEDERAL #001	Oil	Active	27	20S	34E	L	HARVARD PETROLEUM COMPANY, LLC	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-26164	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	34	20S	34E	D	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-26952	WEST LYNCH DEEP UNIT #001	Gas	Plugged (Site Released	28	20S	34E	O	EOG Y RESOURCES, INC.	[80850] LYNCH, MORROW, WEST (GAS)
30-025-28785	LYNCH #001	Oil	Plugged (Site Released	2	21S	33E	2	C W TRAINER	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-30471	FLETCHER A FED #001	Oil	Plugged (Site Released	35	20S	34E	D	OLSEN ENERGY INC	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-31441	SILVER FEDERAL #002	Oil	Active	28	20S	34E	J	STEVEN D RUPPERT	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-34574	PINON 33 FEDERAL #001	Oil	Cancelled APD	33	20S	34E	A	NEARBURG PRODUCING CO	No Data
30-025-34627	GOB 33 FEDERAL #001	Oil	Plugged (Site Released	33	20S	34E	G	OGS OPERATING CO INC	No Data
30-025-36211	PRE-ONGARD WELL #001	Oil	Plugged (Site Released	2	21S	33E	1	PRE-ONGARD WELL OPERATOR	[42370] LYNCH, YATES-SEVEN RIVERS
30-025-40750	LYNCH 35 #002H	Oil	Active	35	20S	34E	B	CIMAREX ENERGY CO.	[5535] BERRY, BONE SPRING, NORTH
30-025-40825	LYNCH 35 #001H	Oil	Active	35	20S	34E	A	CIMAREX ENERGY CO.	[5535] BERRY, BONE SPRING, NORTH
30-025-40955	CORAZON STATE UNIT #013H	Oil	Active	4	21S	33E	1	COG OPERATING LLC	[97895] WC-025 G-08 S213304D, BONE SPRING
30-025-41294	CHUKAR BTA FEDERAL COM #001C	Oil	Cancelled APD	28	20S	34E	P	EOG RESOURCES INC	[37580] LEA, BONE SPRING, SOUTH
30-025-41644	LYNCH 35 FEDERAL COM #003H	Oil	Active	35	20S	34E	N	CIMAREX ENERGY CO.	[5535] BERRY, BONE SPRING, NORTH
30-025-41703	BERRY SWD #001	SWD	Active	35	20S	34E	I	BC OPERATING, INC.	[97003] SWD, CHERRY CANYON; [97996] SWD, CHERRY CANYON-BRUSHY CANYON
30-025-42950	MAS FEDERAL #003H	Oil	Active	34	20S	34E	B	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH
30-025-43482	MAS FEDERAL #004H	Oil	Active	34	20S	34E	C	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH; [98201] WC-025 G-08 S203429P, WOLFCAMP
30-025-43921	BLACK & TAN 27 FEDERAL COM #303H	Oil	Active	27	20S	34E	N	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-43940	BLACK & TAN 27 FEDERAL COM #305H	Oil	Active	27	20S	34E	O	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-43988	BLACK & TAN 27 FEDERAL COM #306H	Oil	New (Not Drilled/Completed)	27	20S	34E	O	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-43996	BLACK & TAN 27 FEDERAL COM #304H	Oil	New (Not Drilled/Completed)	27	20S	34E	N	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH

30-025-44017	BLACK & TAN 27 FEDERAL COM #301H	Oil	Active	27	20S	34E	M	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-44018	BLACK & TAN 27 FEDERAL COM #302H	Oil	Active	27	20S	34E	M	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-44044	BLACK & TAN 27 FEDERAL COM #307H	Oil	Active	27	20S	34E	P	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-44045	BLACK & TAN 27 FEDERAL COM #308H	Oil	Active	27	20S	34E	P	APACHE CORPORATION	[37580] LEA, BONE SPRING, SOUTH
30-025-44092	MAS FEDERAL COM #001H	Oil	Active	35	20S	34E	D	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH; [98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-44214	MAS FEDERAL COM #002H	Oil	Active	34	20S	34E	A	COG OPERATING LLC	[98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-44475	DELLA 29 FEDERAL #604H	Oil	New (Not Drilled/Completed)	29	20S	34E	O	EOG RESOURCES INC	[37580] LEA, BONE SPRING, SOUTH
30-025-44742	DOMINATOR 25 FEDERAL COM #605H	Oil	New (Not Drilled/Completed)	25	25S	33E	O	COG OPERATING LLC	[98094] BOBCAT DRAW, UPPER WOLFCAMP
30-025-45098	LITTLE BEAR FEDERAL COM #001H	Oil	New (Not Drilled/Completed)	34	20S	34E	M	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH
30-025-45099	LITTLE BEAR FEDERAL COM #003H	Oil	New (Not Drilled/Completed)	33	20S	34E	O	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH
30-025-45100	LITTLE BEAR FEDERAL COM #004H	Oil	New (Not Drilled/Completed)	33	20S	34E	M	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH
30-025-45101	LITTLE BEAR FEDERAL COM #005H	Oil	New (Not Drilled/Completed)	33	20S	34E	L	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH
30-025-45102	LITTLE BEAR FEDERAL COM #006H	Oil	New (Not Drilled/Completed)	34	20S	34E	M	COG OPERATING LLC	[98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-45103	LITTLE BEAR FEDERAL COM #007H	Oil	New (Not Drilled/Completed)	33	20S	34E	O	COG OPERATING LLC	[98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-45104	LITTLE BEAR FEDERAL COM #008H	Oil	New (Not Drilled/Completed)	33	20S	34E	O	COG OPERATING LLC	[98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-45105	LITTLE BEAR FEDERAL COM #009H	Oil	New (Not Drilled/Completed)	33	20S	34E	M	COG OPERATING LLC	[98247] WC-025 G-08 S203435D, WOLFCAMP
30-025-45149	LITTLE BEAR FEDERAL COM #002H	Oil	New (Not Drilled/Completed)	33	20S	34E	P	COG OPERATING LLC	[5535] BERRY, BONE SPRING, NORTH

No Wells within AOR penetrate the proposed injection zone.

ATTACHMENT #4

Proposed Operations

A. Source Zone Produced Water Analysis

B. Injection Zone Produced Water Analysis

VII. Proposed Operations

Attach data on the proposed operation, including:

	Proposed Operation		
(1)	Average Rate:	20,000 bbls	
	Maximum Rate:	30,000 bbls	
(2)	Open or Closed:	Open	
(3)	Average Injection Pressure:	1,500 - 2,000	psi
	Maximum Injection Pressure:	2,983	psi

(4) ***Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and***

The anticipated sources of produced water proposed to be injected into the Devonian and Silurian formations are from the Delaware, Wolfcamp and Bone Springs Formations, which are known to be compatible with formation water from the Devonian Formation. Laboratory analysis of water samples collected from the respective formations is provided as **Attachment #4a.**

(5) ***If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water***

Laboratory analysis of water samples collected from the Devonian and Fusselman Formations are provided as **Attachment #4b.**

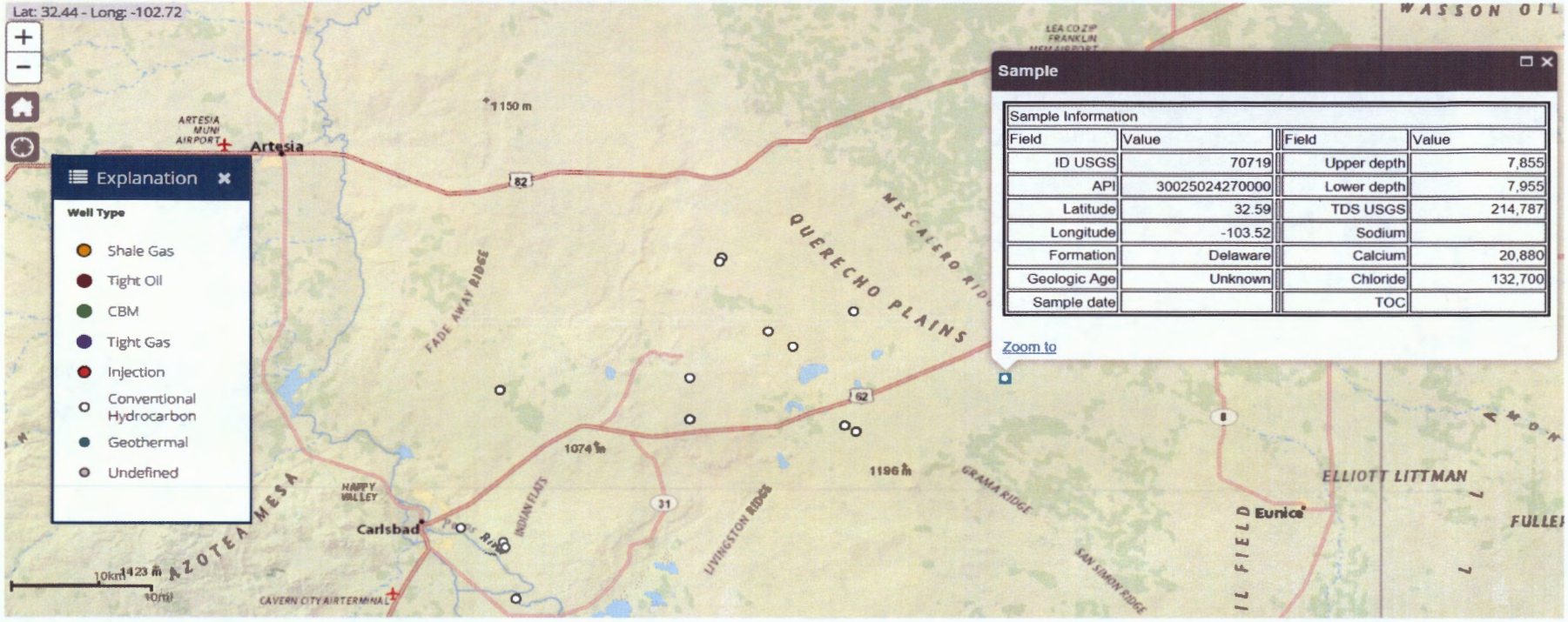
Safety, Spill Prevention and Release Response

Above-ground storage tanks (ASTs) associated with the SWD operation will be placed into a steel-walled, lined containment system. The well, injection equipment and ASTs will be equipment with metering and pressure sensing devices in an effort to monitor and ensure the integrity of the equipment and prevent accidental releases to the environment.

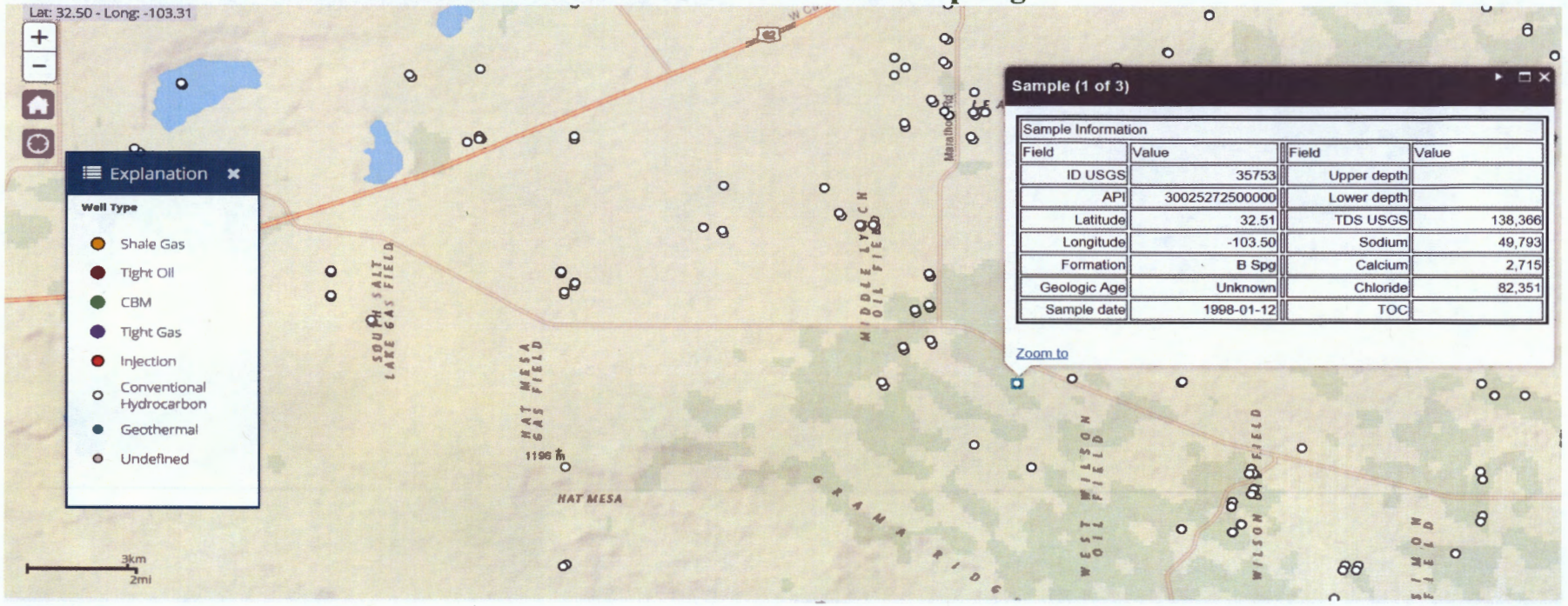
In the event of an accidental releases to the environment, a Release Notification (NMOCD Form C-141) will be prepared, characterizing the release and proposing remediation activates designed to mitigate environmental impacts, as necessary. In the event of an accidental discharge of greater than 25 bbls, the NMOCD will be notified immediately.

Attachment 4A - Source Zone Produced Water

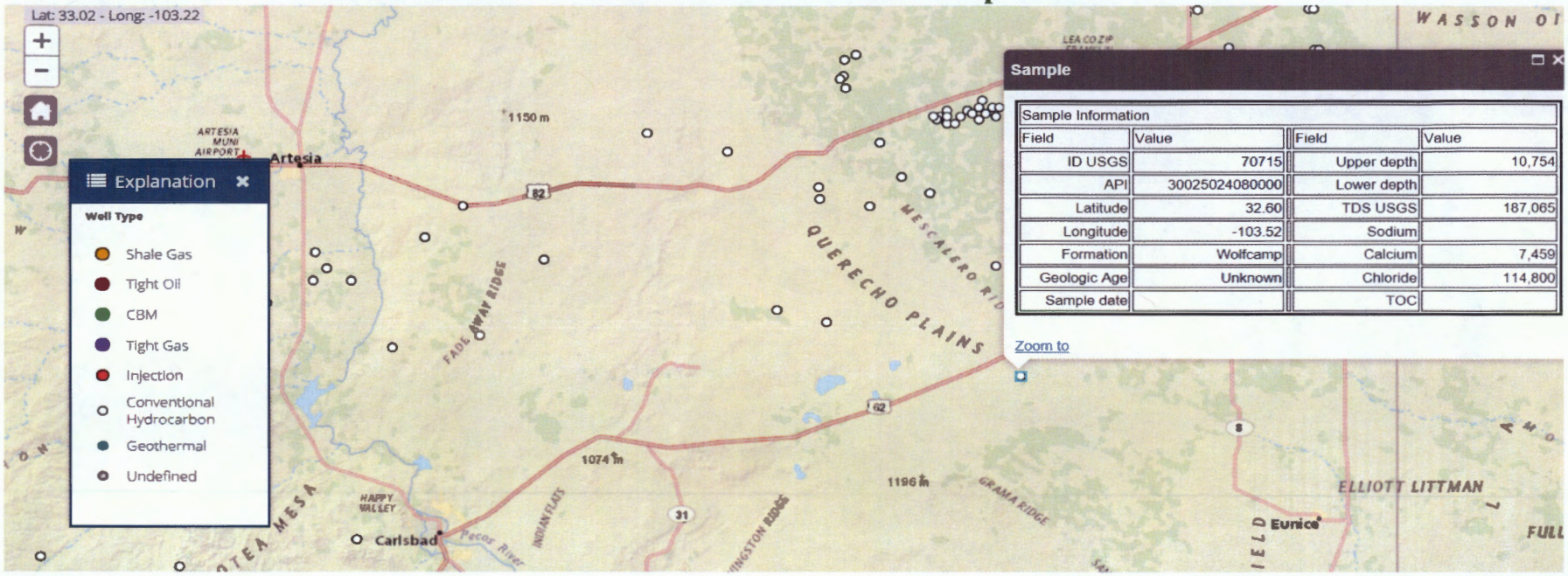
Delaware



Attachment 4A - Source Zone Produced Water — Bone Spring

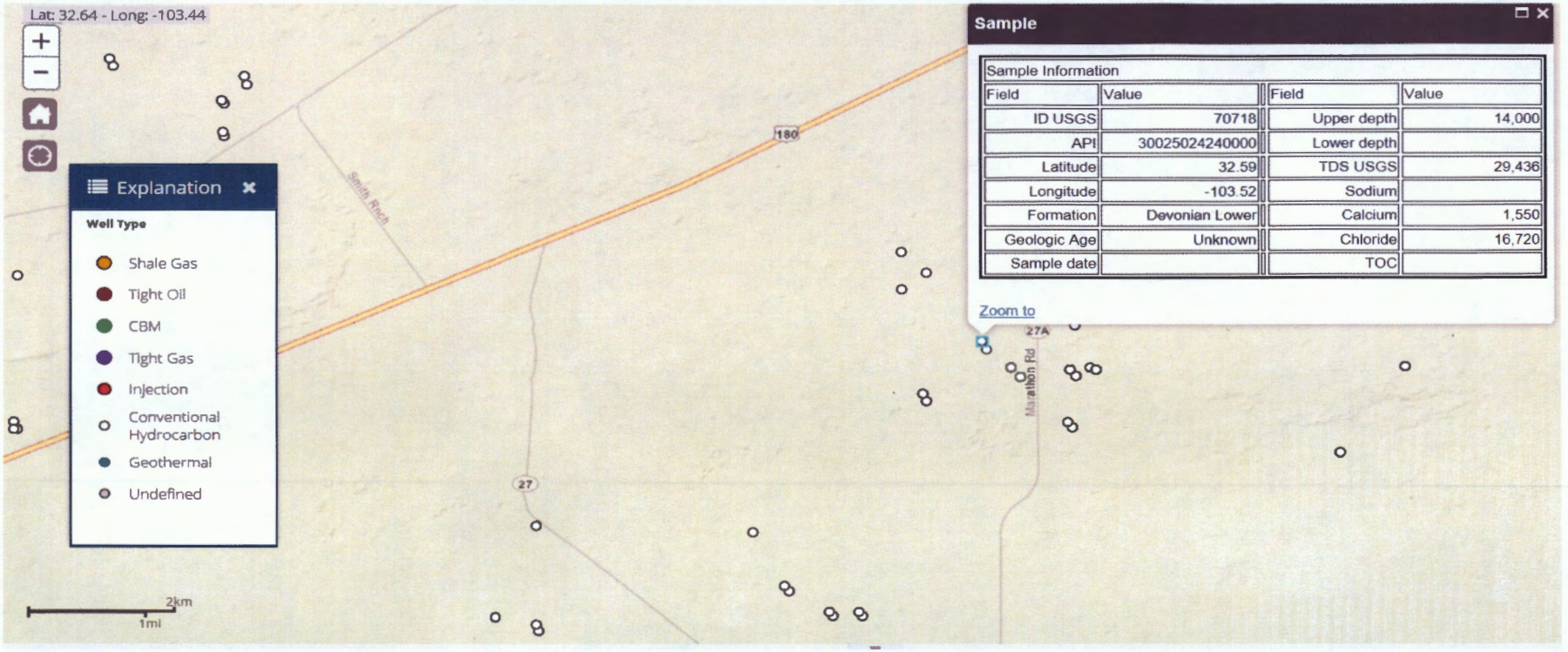


Attachment 4A - Source Zone Produced Water Wolfcamp



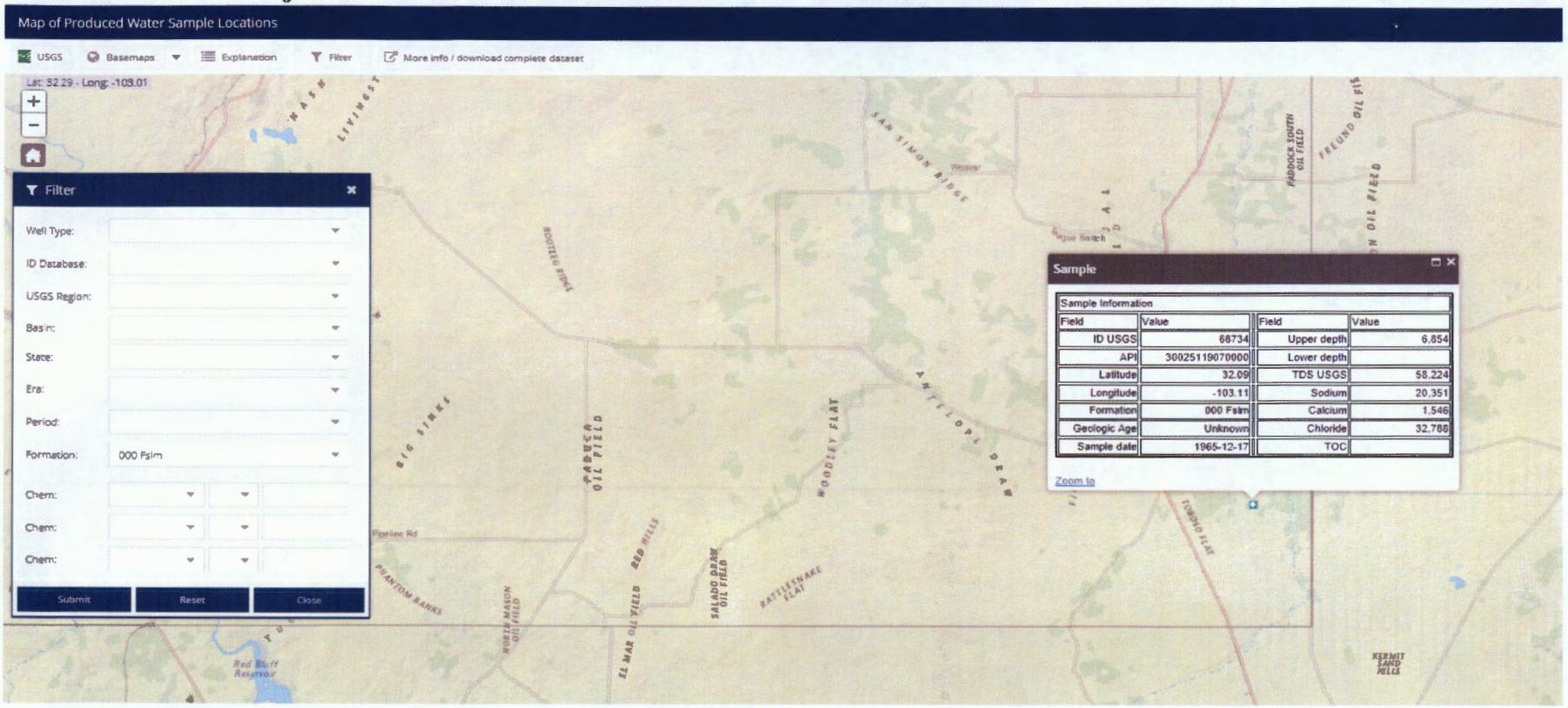
Field	Value	Field	Value
ID USGS	70715	Upper depth	10,754
API	30025024080000	Lower depth	
Latitude	32.60	TDS USGS	187,065
Longitude	-103.52	Sodium	
Formation	Wolfcamp	Calcium	7,459
Geologic Age	Unknown	Chloride	114,800
Sample date		TOC	

Attachment 4B - Injection Zone Produced Water Devonian



Sample Information			
Field	Value	Field	Value
ID USGS	70718	Upper depth	14,000
API	30025024240000	Lower depth	
Latitude	32.59	TDS USGS	29,436
Longitude	-103.52	Sodium	
Formation	Devonian Lower	Calcium	1,550
Geologic Age	Unknown	Chloride	16,720
Sample date		TOC	

Attachment 4B - Injection Zone Produced Water Fusselman



ATTACHMENT #5

A. Geological Description

B. Seismic Information

VIIIa Geologic Description

a. Attach appropriate geologic data on the injection zone including appropriate lithological detail, geologic name, thickness, and depth.

The proposed injection interval consists of sedimentary rock formations deposited during the Devonian and Silurian Periods. The Devonian Formation consists of porous dolomites, chert intervals and limestone (McGlasson, E.H. 1967). The thickness of the Devonian and Silurian Formations is estimated to be approximately 1,000 feet (ft.) locally. Sections of porous dolomite and limestone are believed to be present at the proposed injection site. The proposed injection interval is overlain by the Woodford Shale, which ranges in thickness from 100 to 300 ft. consists of organic-rich dark shales, black cherts, siltstone, sandstone and greenish-colored shales (Broadhead, R.F., 2010). Inferred depths of the proposed injection zone were estimated utilizing completions data from wells within the vicinity.

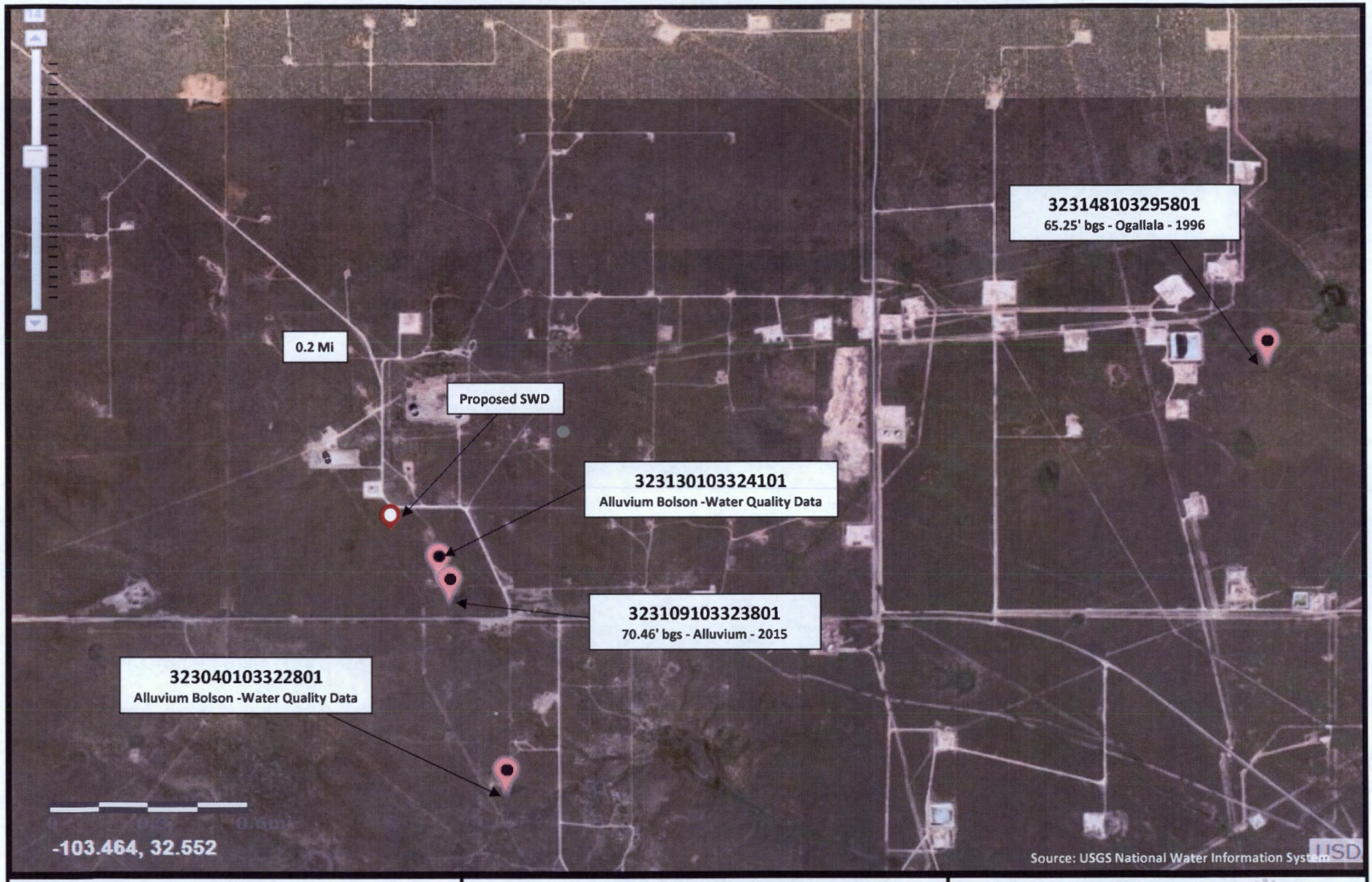
During the advancement of the proposed well, mud logging data will be utilized to ensure that the thickness of the Devonian and Silurian Formation is adequately defined, allowing for the proper placement of the packer, casing shoe and determination of the open-hole injection interval. Should logging data indicate depth adjustments are required for the casing program, applicable Sundry Notices will be filed with the NMOCD.

b. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/kg or less) overlying the proposed injection zone as well as any such sources known to be immediately underlying the injection interval.

A search of the USGS database suggests the historic presence of **four (4)** wells within the vicinity of the Site. **Three (3)** of the wells were completed within Alluvium Bolson Deposits. **One (1)** of the wells was completed in the Ogallala Formation. Data from wells with available information suggested static water levels ranged from **65.25 ft. bgs** as measured within the Ogallala Formation in a well approximately **2.7 Mi east** of the Site to **70.46 ft. bgs** as measured in a well approximately **0.3 Mi. Southeast** of the Site. Records suggest the historic presence USGS wells within a 1-Mile radius of the proposed injection well.

A search of the NMOSE database suggests the historic presence of **nine (9)** wells within a 1-mile radius of the Site. The wells are were drilled to depths ranging from **100 Ft. bgs** and **1,349 ft. bgs**. Eight (8) of the nine (9) wells were likely completed within Triassic water bearing formations. If available and producing, **two (2)** of the identified fresh water wells will be sampled. Analytical results, if applicable, are provided in Attachment #6.

Sources of drinking water in the area are likely limited to Alluvium and Bolson Deposits. Other known sources of water may include the Ochoan Series which is expected to be encountered at a depth of **1,656 ft. bgs** and the Capitan Reef which is expected to be encounted at a depth of **3,808 ft. bgs**. Groundwater within the Ochoan Series and Capitan Reef, is not a viable source of drinking water. No usable water is expected to be encountered beyond **1,656 ft.** bgs. Available data suggests the Ogallala Formation, if present, does not contain fresh water locally.



LEGEND:

- Proposed SWD Location
- USGS Water Well (Reported)

Figure 3a - USGS Groundwater Resource Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

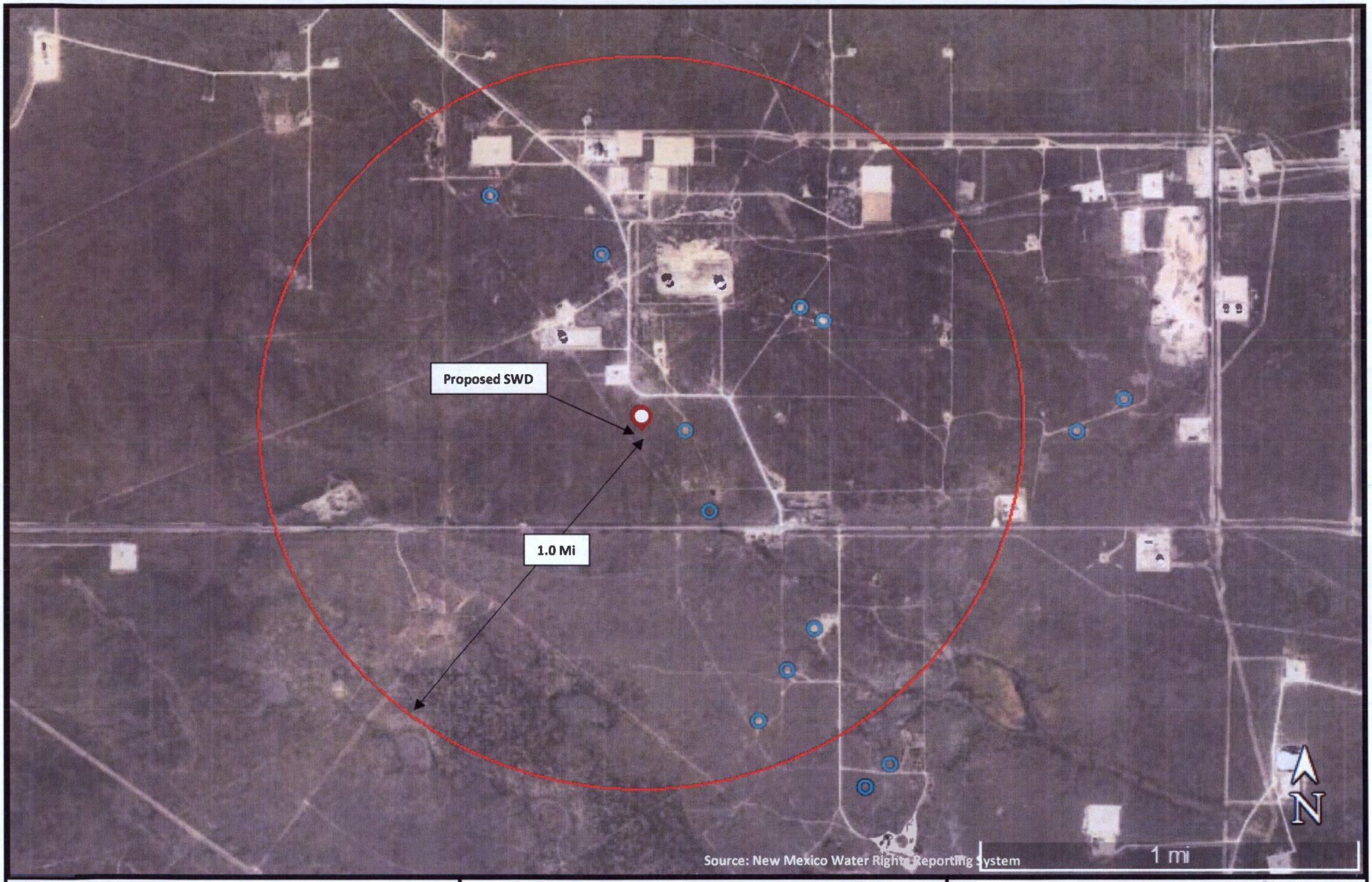
API No. Pending

Legals: UL J, Sec. 34,T20S, R34E

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/11/2019



LEGEND:

- Proposed SWD Location
- OSE Water Well (Reported)

Figure 3b - OSE Groundwater Resource Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

API No. Pending

Legals: UL J, Sec. 34,T20S, R34E

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/11/2019

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 01352 POD1		CP	LE	3	1	4	34	20S	34E	636559	3599716	196	1270	785	485
CP 00799 POD1		CP	LE	4	3	4	34	20S	34E	636666	3599364*	490	100		
CP 01330 POD1		CP	LE	4	2	1	34	20S	34E	636197	3600483	750	1349	684	665
CP 01289 POD1		CP	LE	4	4	2	34	20S	34E	637037	3600261	842	1222	651	571
CP 01288 POD1		CP	LE	4	4	2	34	20S	34E	637134	3600204	891	1255	758	497
CP 01290 POD1		CP	LE		3	1	02	21S	33E	637114	3598855	1168	1250	725	525
CP 01389 POD1		CP	LE	1	1	1	34	20S	34E	635726	3600733	1171	1250	1005	245
CP 00802 POD1		CP	LE	3	3	2	02	21S	33E	637001	3598672	1252	1154		
CP 01317 POD1		CP	LE	1	3	2	02	21S	33E	636884	3598450	1401	1250	1025	225

Average Depth to Water: **804 feet**
Minimum Depth: **651 feet**
Maximum Depth: **1025 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 636365.6 Northing (Y): 3599752.3 Radius: 1608

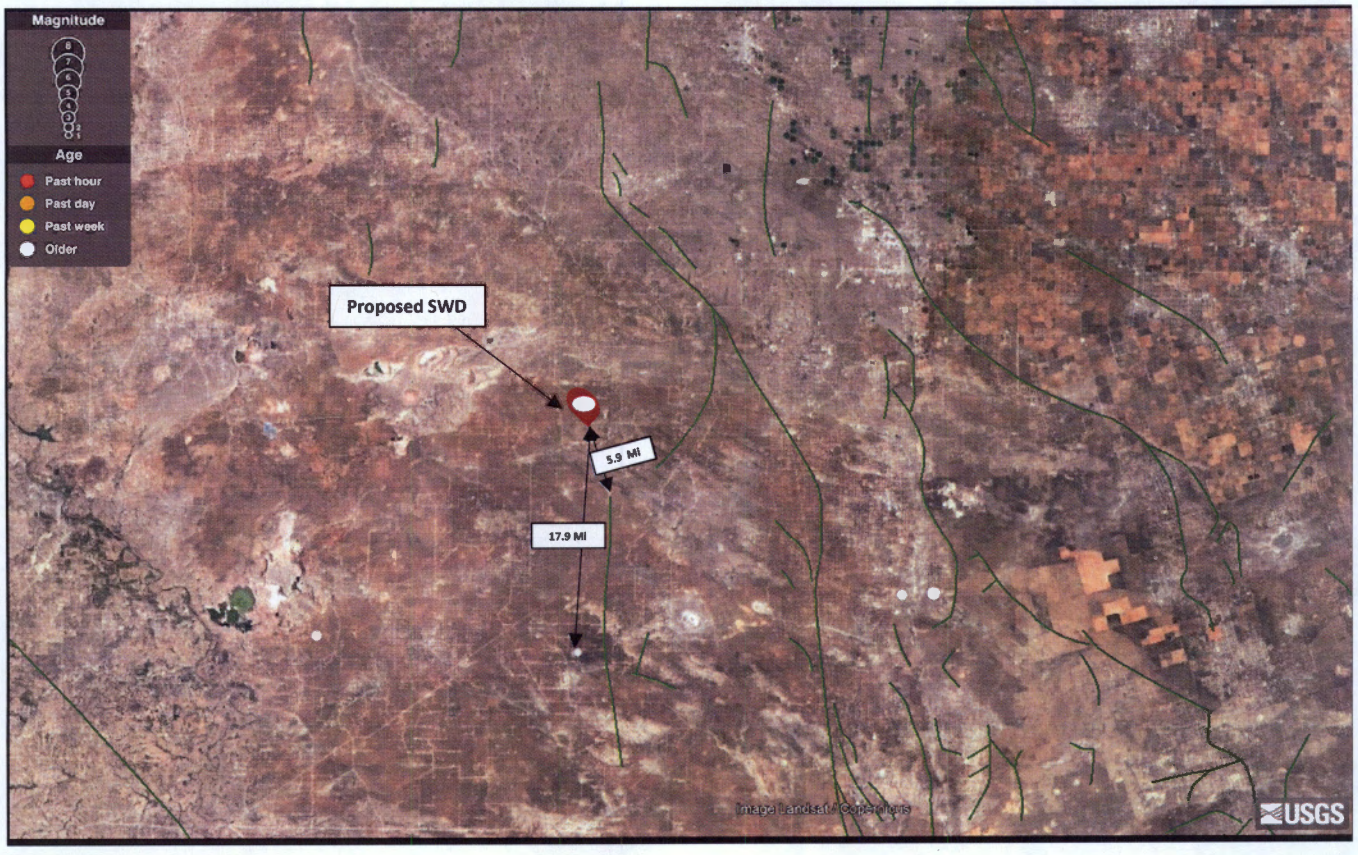
***UTM location was derived from PLSS - see Help**

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

VIIIb Seismic Information

The proposed injection well is located in **Unit Letter "J", Section 34, Township 20 South, Range 34 East** in Lea County, New Mexico. A review of USGS data available on the ComCat Earthquake Catalog indicates the nearest seismic event exceeding a magnitude of 0.1 occurred approximately **17.9 Mi** south of Site. The seismic event was reported as a magnitude 2.9 occurring in December of 1984.

The nearest fault trace is located approximately **5.9 Mi south** of the proposed injection well. The fault trace is indicative of a normal fault striking North-South.



Faults traces are depicted as green linear features. Seismic events with available data are depicted as grey dots of which the size is representative of the magnitude. Details regarding the depicted faults are provided on the following page.

Sources:

Bureau of Economic Geology. Accessed February 2019. Permian Basin Geologic Synthesis Project.
https://gis.utlands.utsystem.edu/ags/rest/services/GeologicFeatures/MapServer

U.S. Geological Survey (USGS). February 2019. Earthquakes Hazard Program: ComCat Earthquake Catalog.
https://earthquake.usgs.gov/learn/kml.php

VIIIb Seismic Information

A recent publication prepared by Snee and Zoback (2018) entitled "State of Stress in the Permian Basin, Texas and New Mexico" discusses the fault slip potential of fault traces complied from Ewing et al. (1990), Green and Jones (1997), Ruppel et al. (2005) as well the USGS Quaternary Faults and Fold Database. A map detailing their findings with the proposed injection well location superimposed is provided below:

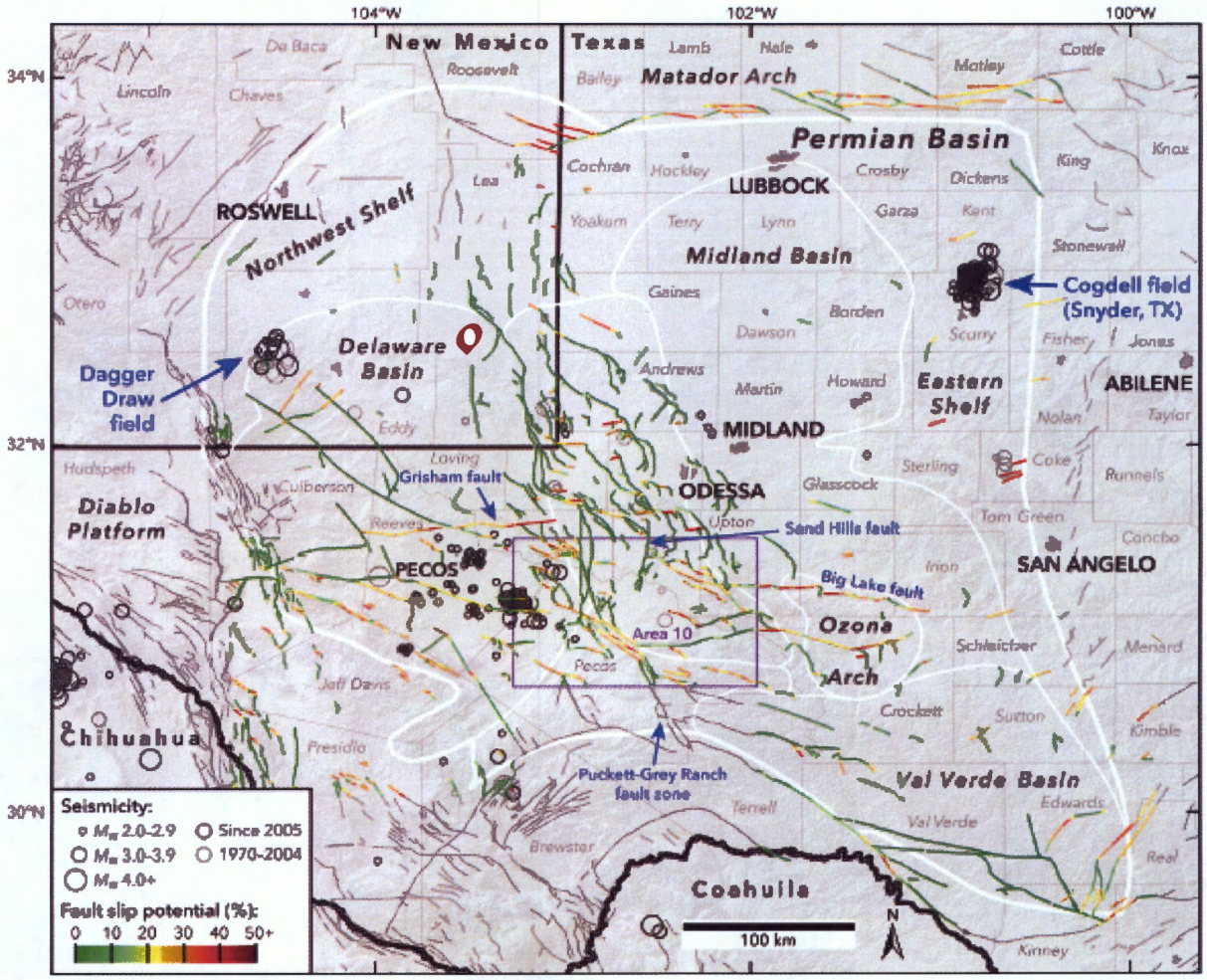


Figure 3. Results of our probabilistic FSP analysis across the Permian Basin. Data sources are as in Figures 1 and 2.

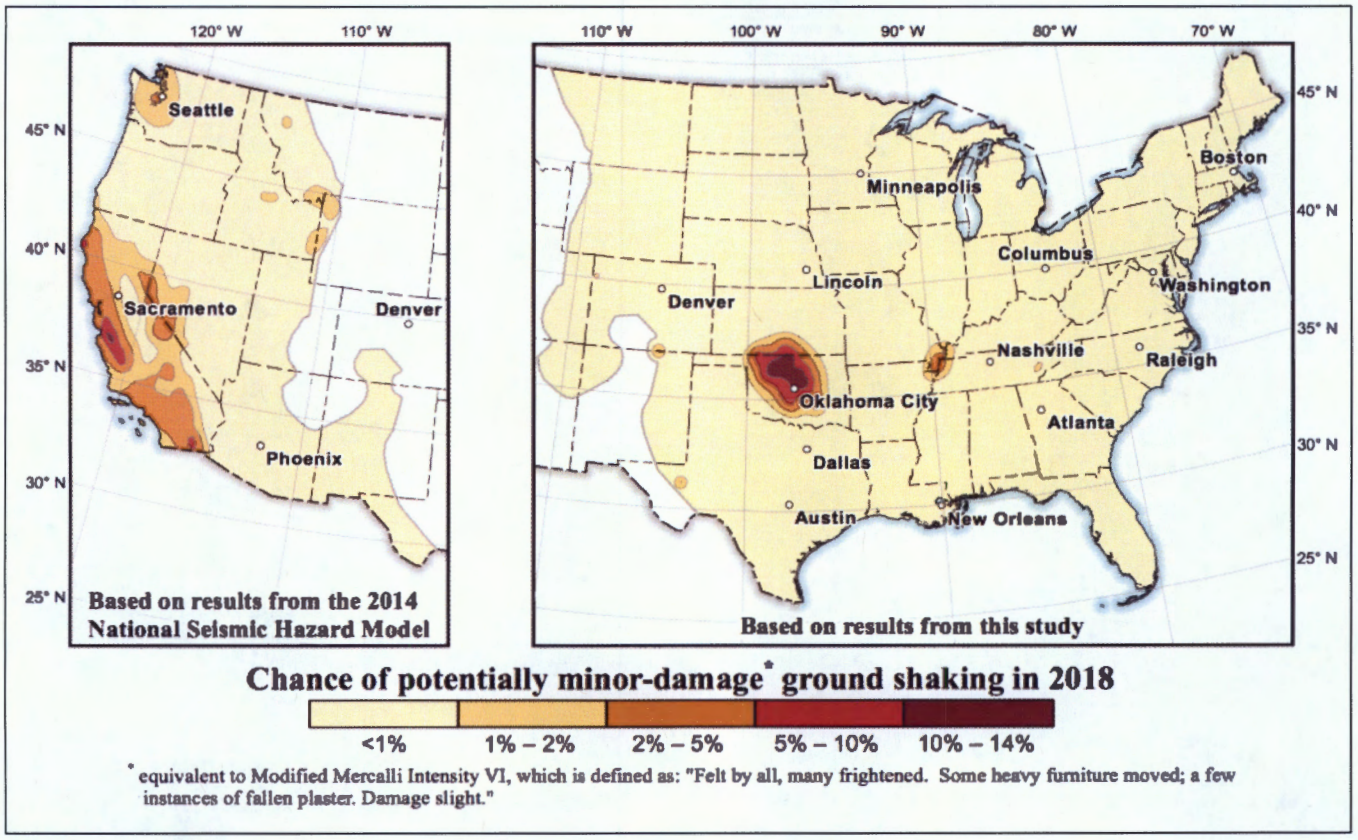
Based on the proposed injection well's distance to known faults, relative low faulting and seismic activity in the area, review of historical earthquake data and the presence of confining layers above and beneath the proposed injection zone, it is unlikely that the proposed injection activities will contribute to a fault-slip event.

Source:

Snee, Jens-Erik Lund, and Mark D. Zoback. 2018 "State of Stress in the Permian Basin, Texas and New Mexico; Implication for Induced Seismicity." The Leading Edge 37 (February 2018).

VIIIb Seismic Information

Data from the 2018 USGS One-Year probabilistic seismic hazard forecast suggests there was a less than 1% chance of potentially minor-damage from induced and natural ground shaking in 2018, as depicted on the map below:



Source:

U.S. Geological Survey (USGS). February 2019. Earthquakes Hazard Program: Short-term Induced Seismicity Models. https://earthquake.usgs.gov/hazards/induced/index.php#2018

ATTACHMENT #6

Fresh Water Laboratory Analysis (*if applicable*)

Fresh Water Sample Location Map (*if applicable*)

Re: Fresh Water Analysis
LilyStream Water Solutions, LLC
Berry Lazy Ace SWD #1
GPS: 32.526739, -103.547998

On May 14, 2019, environmental personnel visited the Site in an effort to collect groundwater samples from fresh water wells in the vicinity of the proposed salt water disposal well. Available information suggests the historic presence of nine (9) wells within a 1-Mile Radius of the Site. The two (2) nearest down-gradient wells were sampled for concentrations of chloride and TDS. Laboratory analytical results will be provided to the NMOCD upon receipt.

Joel W. Lowry

LOWRY
environmental

LEGEND:

- Proposed SWD Location
- Suggested Fresh Water Well

Fresh Water Sample Location Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

API No. Pending

GPS: 32.482931, -103.619185

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 5/15/2019

Chain-of-Custody Record

Client: Lowry Environmental & Associates

Mailing Address: PO Box 896
Lovington, NM 88260

Phone #: 432-466-4450

email or Fax#: joel@lowryenvironmental

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☑ Other NMWQCD Eq.
☐ EDD (Type)

Turnaround Time:
☐ Standard ☐ Rush

Project Name: Berry SWD #1

Project #:

Project Manager: Joel Lowry

Sampler: Joel Lowry
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp(including CF):

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride	TDS
5/14/19	11:45	GW	OSE 3	1-500ml	Ice												X	X
"	11:52	GW	OSE 4	"	"												X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/15	705	Joel Lowry			5/15/19	0830
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 24, 2019

Joel Lowry

Lowry Environmental
PO Box 896
Lovington, NM 88260
TEL: (432) 466-4450
FAX:

RE: Berry SWD 1 OrderNo.: 1905835

Dear Joel Lowry:

Hall Environmental Analysis Laboratory received 2 sample(s) on 5/16/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1905835**
Date Reported: **5/24/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lowry Environmental
Project: Berry SWD 1
Lab ID: 1905835-001 **Matrix:** AQUEOUS

Client Sample ID: OSE 3
Collection Date: 5/14/2019 11:45:00 AM
Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	19	5.0		mg/L	10	5/20/2019 10:43:16 AM	R60020
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	532	20.0	*	mg/L	1	5/22/2019 2:49:00 PM	45077

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Lowry Environmental
Project: Berry SWD 1
Lab ID: 1905835-002 **Matrix:** AQUEOUS

Client Sample ID: OSE 4
Collection Date: 5/14/2019 11:52:00 AM
Received Date: 5/16/2019 8:45:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **CJS**	
Chloride	35	5.0		mg/L	10	5/20/2019 11:34:41 AM	R60020
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: **KS**	
Total Dissolved Solids	633	20.0	*	mg/L	1	5/22/2019 2:49:00 PM	45077

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905835**

24-May-19

Client: Lowry Environmental

Project: Berry SWD 1

Sample ID: **MB**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBW**	Batch ID: **R60020**	RunNo: **60020**
Prep Date:	Analysis Date: **5/20/2019**	SeqNo: **2025633** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	0.50								

Sample ID: **LCS**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSW**	Batch ID: **R60020**	RunNo: **60020**
Prep Date:	Analysis Date: **5/20/2019**	SeqNo: **2025634** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	4.8	0.50	5.000	0	96.8	90	110			

Sample ID: **1905835-001AMS**	SampType: **ms**	TestCode: **EPA Method 300.0: Anions**
Client ID: **OSE 3**	Batch ID: **R60020**	RunNo: **60020**
Prep Date:	Analysis Date: **5/20/2019**	SeqNo: **2025638** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	67	5.0	50.00	18.58	96.2	61.7	139			

Sample ID: **1905835-001AMSD**	SampType: **msd**	TestCode: **EPA Method 300.0: Anions**
Client ID: **OSE 3**	Batch ID: **R60020**	RunNo: **60020**
Prep Date:	Analysis Date: **5/20/2019**	SeqNo: **2025639** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	67	5.0	50.00	18.58	96.9	61.7	139	0.534	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
D	Sample Diluted Due to Matrix
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
PQL	Practical Quanitative Limit
S	% Recovery outside of range due to dilution or matrix
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1905835**

24-May-19

Client: Lowry Environmental
Project: Berry SWD 1

Sample ID: **MB-45077**	SampType: **MBLK**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **PBW**	Batch ID: **45077**	RunNo: **60075**
Prep Date: **5/21/2019**	Analysis Date: **5/22/2019**	SeqNo: **2028641** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	ND	20.0								

Sample ID: **LCS-45077**	SampType: **LCS**	TestCode: **SM2540C MOD: Total Dissolved Solids**
Client ID: **LCSW**	Batch ID: **45077**	RunNo: **60075**
Prep Date: **5/21/2019**	Analysis Date: **5/22/2019**	SeqNo: **2028642** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Total Dissolved Solids	1010	20.0	1000	0	101	80	120			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **LOWRY ENVIRONMENT** Work Order Number: **1905835** RcptNo: **1**

Received By: **Jevon Campisi** **5/16/2019 8:45:00 AM** Jevon Campisi

Completed By: **Leah Baca** **5/16/2019 10:14:34 AM** Leah Baca

Reviewed By: LB 5/16/19

Labeled by DAD 5/16/19

Chain of Custody

1. Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2. How was the sample delivered?	Courier		

Log In

3. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
5. Sample(s) in proper container(s)?	Yes ☑	No ☐	
6. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
7. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
8. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
9. VOA vials have zero headspace?	Yes ☐	No ☐	No VOA Vials ☑
10. Were any sample containers received broken?	Yes ☐	No ☑	
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
12. Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
13. Is it clear what analyses were requested?	Yes ☑	No ☐	
14. Were all holding times able to be met? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by: DAD 5/16/19

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.8	Good	Yes			

Chain-of-Custody Record

Client: Lowry Environmental & Associates

Mailing Address: PO Box 896
Lovington, NM 88260

Phone #: 432-466-4450

email or Fax#: joel@lowryenvironmental

QA/QC Package:
☑ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance
☐ NELAC ☑ Other NMWCD Eq.
☐ EDD (Type) _____

Turn-Around Time: 5 day Turn
☐ Standard ☐ Rush

Project Name: Borry SWD #1

Project #:

Project Manager: Joel Lowry

Sampler: Joel Lowry
On Ice: ☑ Yes ☐ No
# of Coolers: 1
Cooler Temp (including CF): 5.8 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No. 1905835	BTEX / MTBE / TMB's (8021)	TPH:8015D(GRO / DRO / MRO)	8081 Pesticides/8082 PCB's	EDB (Method 504.1)	PAHs by 8310 or 8270SIMS	RCRA 8 Metals	Cl, F, Br, NO_3, NO_2, PO_4, SO_4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)	Chloride	TDS
5/14/19	11:45	GW	OSE 3	1-500ml	Ice	-001											X	X
"	11:52	GW	OSE 4	"	"	-002											X	X

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
5/15	705	Joel Lowry			5/15/19	0830
5/15/19	1900			Courier	5-16-19	8:45

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

ATTACHMENT #7

Affirmative Statement

XII. AFFIRMATIVE STATEMENT

Re: LilyStream Water Solutions, LLC
Berry Lazy Ace SWD #1
Legals: UL J, Sec. 34, T20S, R34E

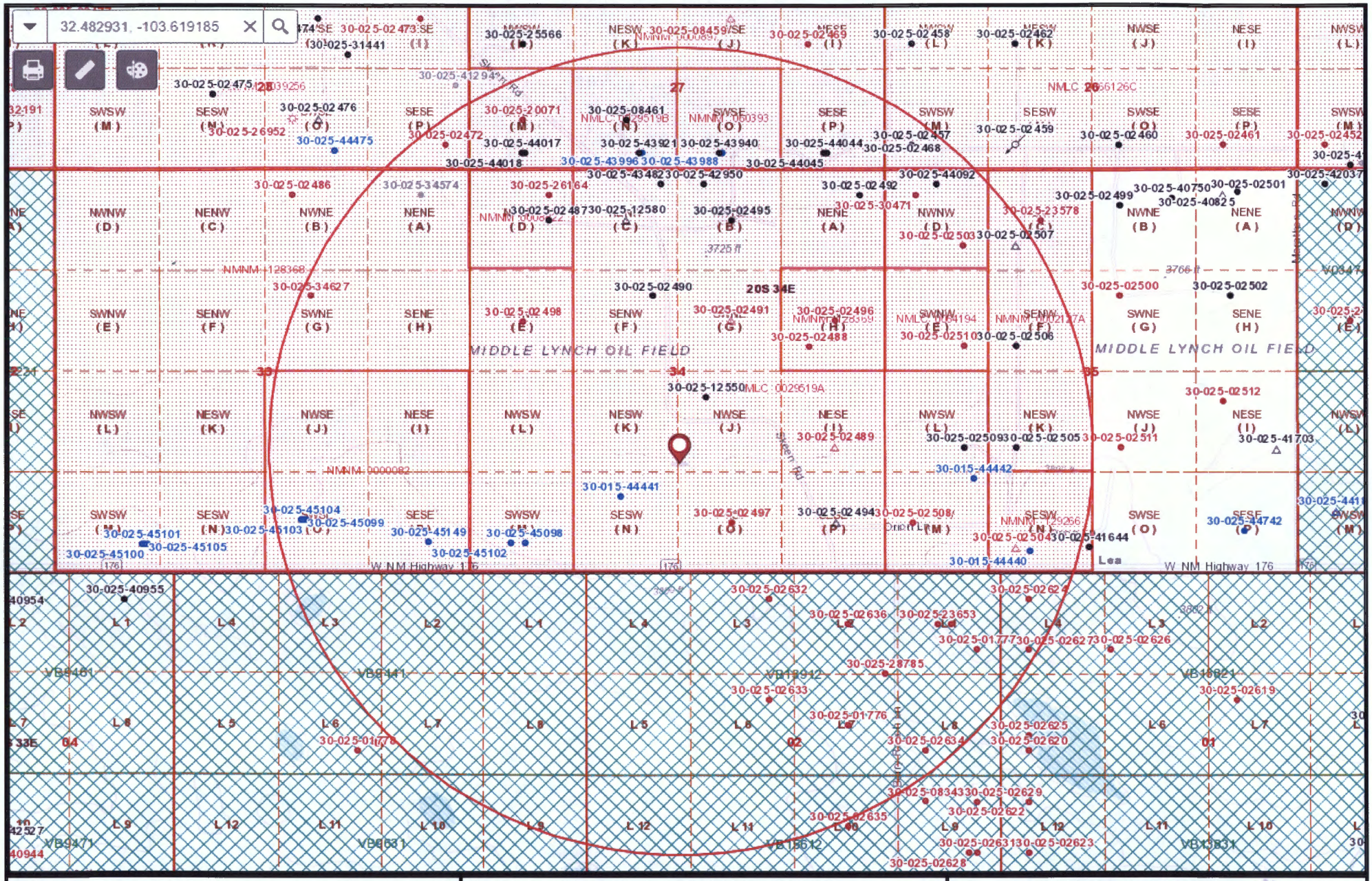
Available geologic and engineering data has been examined and we find no evidence of open faults or any hydrologic connection between the disposal interval and any underground sources of drinking water.

Joel W. Lowry

LOWRY environmental

ATTACHMENT #8

Proof of Notice Documentation



LEGEND:

- Proposed SWD Location
- 1-Mile Radius

Figure 4 - Leasehold Operator Map

LilyStream Water Solutions, LLC

Berry Lazy Ace SWD #1

API No. Pending

Legals: UL J, Sec. 34,T20S, R34E

Lea County, New Mexico

LOWRY environmental

Drafted by: jwl Checked by: client Date: 2/11/2019

XIV. PROOF OF NOTICE

XIV. PROOF OF NOTICE

End of
Affected Parties

End of
Affected Parties

End of
Affected Parties

End of
Affected Parties

End of
Affected Parties

End of
Affected Parties

XIV. PROOF OF NOTICE

Surface Owner:

Danny Berry
PO Box 160
Eunice, NM 88231
7017 2620 0001 0356 7975

Leasehold Operators and/or Unleased Mineral Owners within a One-Mile Radius:

Concho Oil & Gas LLC
600 W. Illinois Avenue
Midland, TX 79701
7017 2620 0001 0356 8071

COG Operating LLC
600 W. Illinois Avenue
Midland, TX 79701
7017 2620 0001 0356 8026

Fulfer Oil & Cattle LLC
P.O. Box 1224
Jal, NM 88252
7017 2620 0001 0356 8019

Mas Operating Co.
P.O. Box 52167
Midland, TX 79710
7017 2620 0001 0356 8002

Burk Royalty Co., LTD.
P.O. Box 94903
Wichita Falls, TX 76308
7017 2620 00010356 7982

Cimarex Energy Co.
600 N. Marienfeld Street, Suite 600
Midland, TX 79701
7017 2620 0001 0356 8132

Apache Corporation
303 Veterans Airpark Ln #1000
Midland, TX 79705
7017 2620 0001 0356 7951

Harvard Petroleum Company, LLC
P.O. Box 936
Roswell, NM 88202
7017 2620 0001 0356 8057

Marathon Oil Permian LLC
5555 San Felipe St.
Houston, TX 77056
7017 2620 0001 0356 8064

Advance Energy Partners Hat Mesa
11490 Westheimer Rd, STE 950
Houston, TX 77077
7017 2620 0001 0356 8040

Carl Engwall
P.O. Box 1782
Roswell, NM 88202
7017 2620 0001 0356 8033

Ruth Engwall
P.O. Box 1782
Roswell, NM 88202
7017 2620 0001 0356 7944

Sundown Energy LP
16400 Dallas PKWY STE 100
Dallas, TX 75248
7017 2620 0001 0356 7937

Jetta X2 LP
777 Taylor St #Pl D
Fort Worth, TX 76102
7017 2620 0001 0356 7920

XIV. PROOF OF NOTICE

Harvard & Lemay Expl
P.O. Box 936
Roswell, NM 88202
7017 2620 0001 0356 8125

Southwestern Res Inc.
P.O. Box 1756
Roswell, NM 88202
7017 2620 0001 0356 8088

Bureau of Land Management
310 Dinosaur Trail
Santa Fe, NM 87508
7017 2620 0001 0356 8118

XTO Holdings LLC
22777 Springwoods Village PKWY
Spring, TX 77389
7017 2620 0001 0356 8095

New Mexico State Land Office
310 Old Santa Fe Trail
Santa Fe, NM 87501
7017 2620 0001 0356 8101

Regulatory Agency:

NMOCD - Santa Fe
1220 S. St. Francis Dr.
Santa Fe, NM 87505

NMOCD - District 1
1625 N. French Drive
Hobbs, NM 88240
7017 2620 0001 0356 7999

June 11, 2019

NOTIFICATION TO INTERESTED PARTIES

Via U.S. Certified Mail - Return Receipt Requested

RE: Application for Authroization to Inject
Berry Lazy Ace SWD #1
Township 20S, Range 34E, N.M.P.M
Section 34, 1,620' FSL & 2,620' FEL
Lea County, New Mexico

To Whom It May Concern:

Enclosed for your review is a copy of a C-108 Application submitted by LilyStream Water Solutions, LLC, Lovington, New Mexico, to the New Mexico Oil Conservation Division to drill and complete for produced water disposal the Berry Lazy Ace SWD #1.

The well is located in Section 34, Township 20S, Range 34E, 1,620' FSL and 2,620' FEL, Lea County, New Mexico.

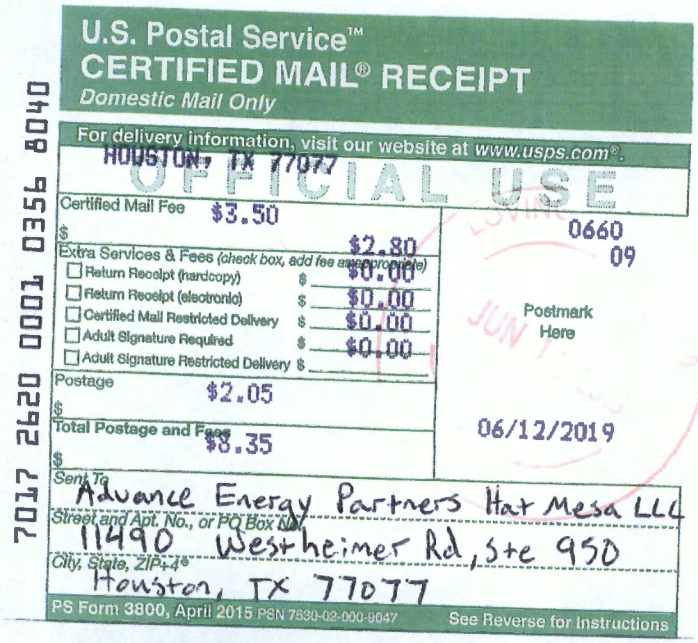
As required by NMOCD, we are notifying you because you have been indentified as an operator or surface owner and therefor an affected party by this action. Any objections must be submitted in writing to NMOCD, 1220 S. St. Francis Drive, Santa Fe, New Mexico 87505. Objections must be received within fifteen (15) days of receipt of this letter.

The well will be a commercial SWD well taking produced water from oil and gas operations in the surrounding area. Please contact Joel Lowry with Lowry Environmental and Associates, LLC, at 432.466.4450 , with any questions or concerns regarding this well or application.

Respectfully,

Joel W. Lowry
LOWRY
environmental

XIV. PROOF OF NOTICE



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HOUSTON, TX 77077

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Certified Mail Fee	$3.50
Extra Services & Fees (check box, add fee as appropriate)	$2.80
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

0660 09

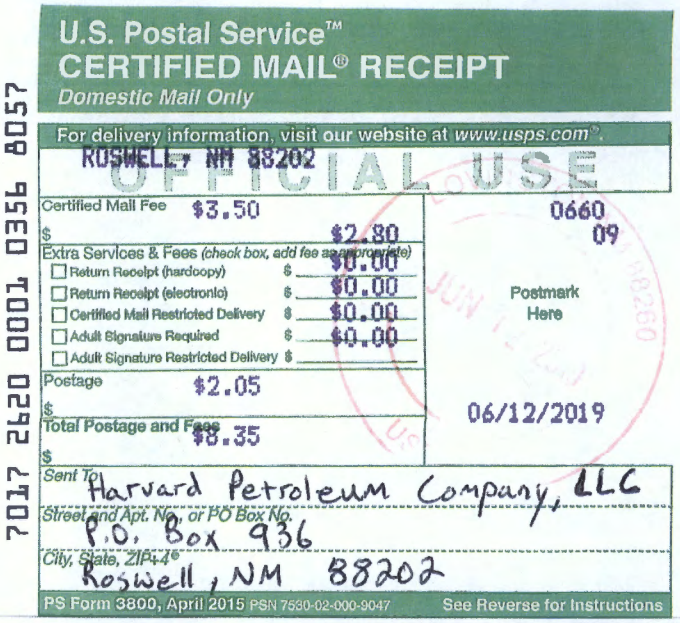
Postmark Here

06/12/2019

7017 2620 0001 0356 8040

Sent To: Advance Energy Partners Hat Mesa LLC
Street and Apt. No., or PO Box No.: 11490 Westheimer Rd, Ste 950
City, State, ZIP+4®: Houston, TX 77077

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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ROSWELL, NM 88202

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☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

0660 09

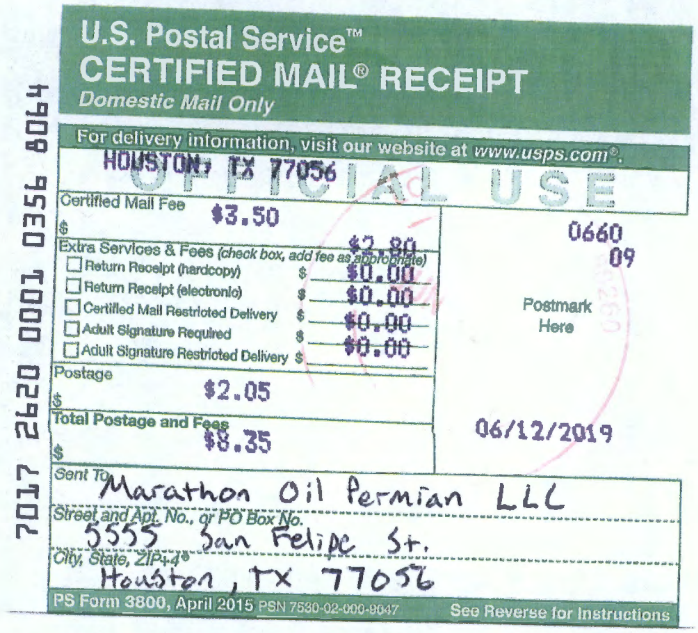
Postmark Here

06/12/2019

7017 2620 0001 0356 8057

Sent To: Harvard Petroleum Company, LLC
Street and Apt. No., or PO Box No.: P.O. Box 936
City, State, ZIP+4®: Roswell, NM 88202

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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HOUSTON, TX 77056

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Extra Services & Fees (check box, add fee as appropriate)	$2.80
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$0.00
Postage	$2.05
Total Postage and Fees	$8.35

0660 09

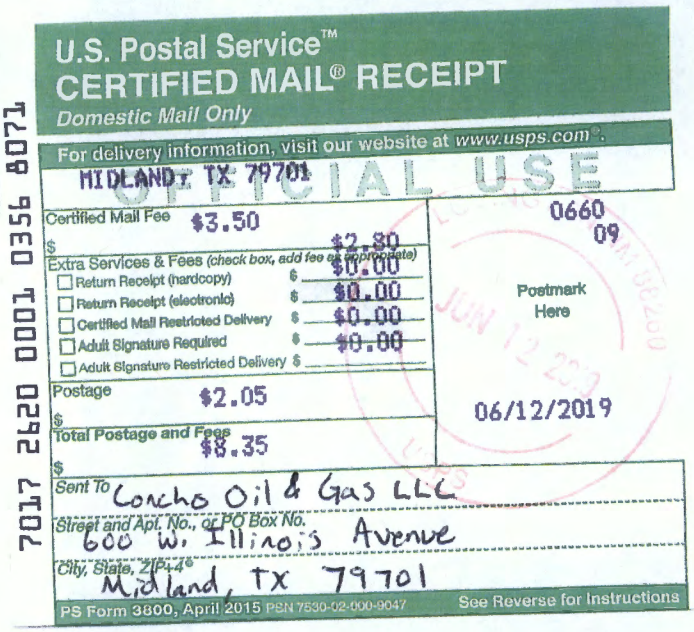
Postmark Here

06/12/2019

7017 2620 0001 0356 8064

Sent To: Marathon Oil Permian LLC
Street and Apt. No., or PO Box No.: 5555 San Felipe St.
City, State, ZIP+4®: Houston, TX 77056

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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MIDLAND, TX 79701

OFFICIAL USE

Certified Mail Fee	$3.50
Extra Services & Fees (check box, add fee as appropriate)	$2.80
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

0660 09

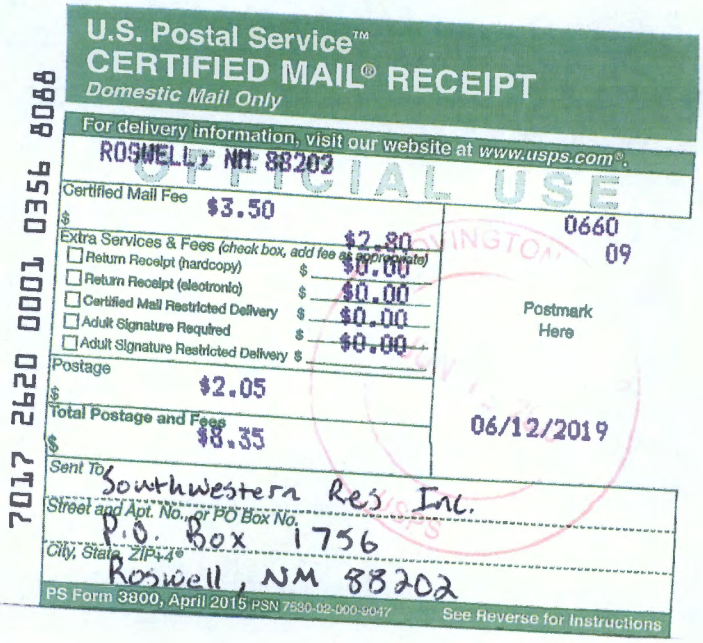
Postmark Here

06/12/2019

7017 2620 0001 0356 8071

Sent To: Concho Oil & Gas LLC
Street and Apt. No., or PO Box No.: 600 W. Illinois Avenue
City, State, ZIP+4®: Midland, TX 79701

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



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ROSWELL, NM 88202

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☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

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7017 2620 0001 0356 8088

Sent To: Southwestern Res Inc.
Street and Apt. No., or PO Box No.: P.O. Box 1756
City, State, ZIP+4®: Roswell, NM 88202

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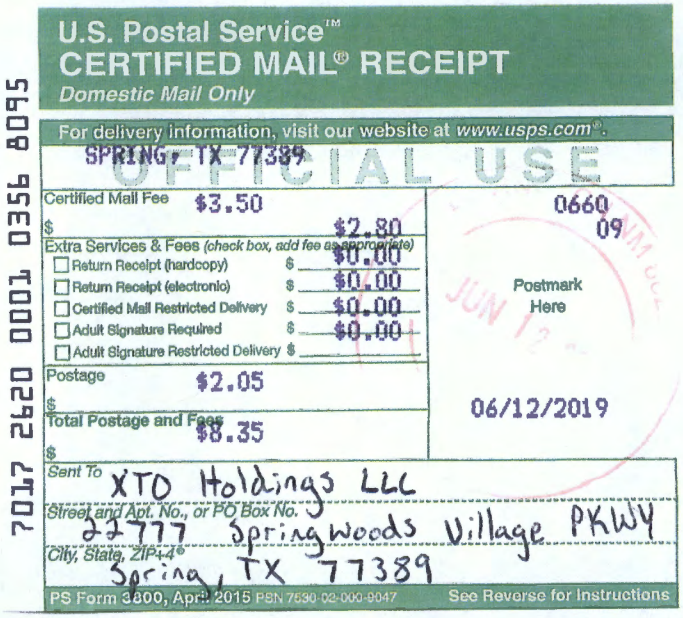

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SPRING, TX 77389

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

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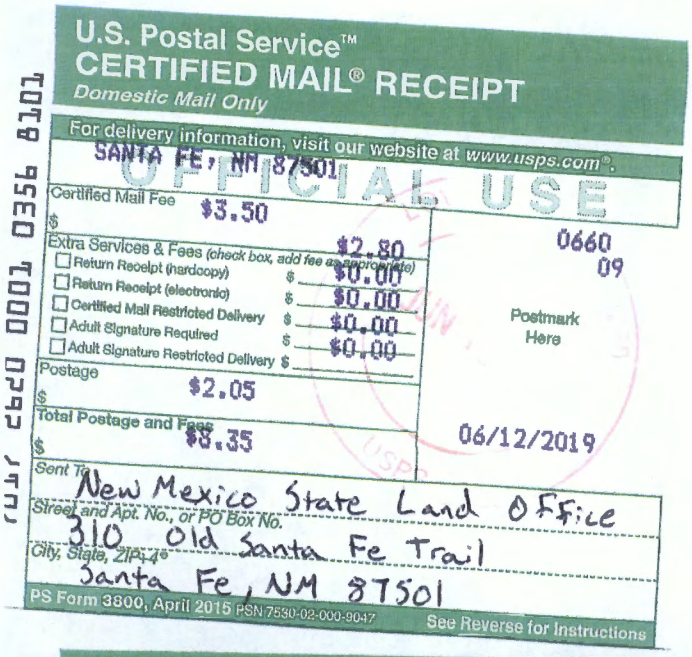
7017 2620 0001 0356 8095

Sent To: XTO Holdings LLC
Street and Apt. No., or PO Box No.: 22777 Springwoods Village PKWY
City, State, ZIP+4®: Spring, TX 77389

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

XIV. PROOF OF NOTICE



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SANTA FE, NM 87501

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☐ Certified Mail Restricted Delivery $0.00
☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $2.05
Total Postage and Fees $8.35

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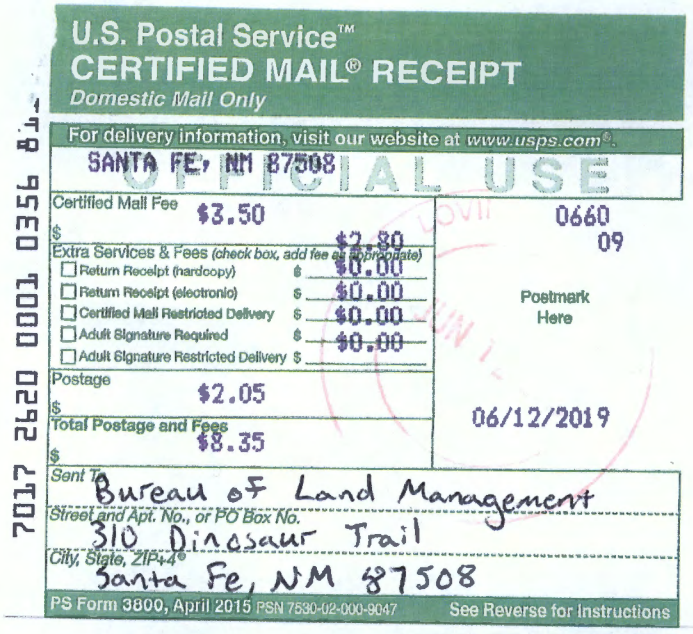
06/12/2019

Sent To New Mexico State Land Office
Street and Apt. No., or PO Box No. 310 Old Santa Fe Trail
City, State, ZIP+4® Santa Fe, NM 87501

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2620 0001 0356 8101



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SANTA FE, NM 87508

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☐ Return Receipt (electronic) $0.00
☐ Certified Mail Restricted Delivery $0.00
☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $2.05
Total Postage and Fees $8.35

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06/12/2019

Sent To Bureau of Land Management
Street and Apt. No., or PO Box No. 310 Dinosaur Trail
City, State, ZIP+4® Santa Fe, NM 87508

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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ROSWELL, NM 88202

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☐ Return Receipt (electronic) $0.00
☐ Certified Mail Restricted Delivery $0.00
☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $2.20
Total Postage and Fees $8.50

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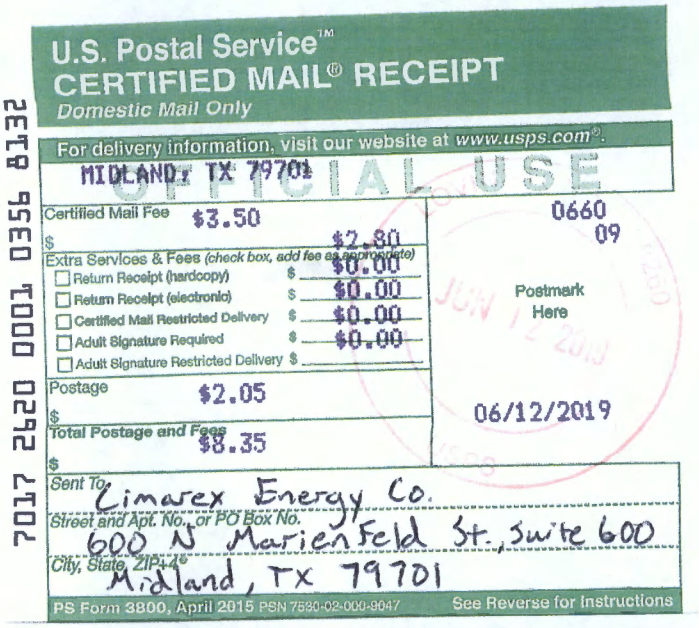
06/12/2019

Sent To Harvard & Lemay Expl
Street and Apt. No., or PO Box No. P.O. Box 936
City, State, ZIP+4® Roswell, NM 88202

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2620 0001 0356 8125



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MIDLAND, TX 79701

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☐ Adult Signature Restricted Delivery $
Postage $2.05
Total Postage and Fees $8.35

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06/12/2019

Sent To Cimarex Energy Co.
Street and Apt. No., or PO Box No. 600 N Marienfeld St. Suite 600
City, State, ZIP+4® Midland, TX 79701

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EUNICE, NM 88231

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☐ Certified Mail Restricted Delivery $0.00
☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $2.05
Total Postage and Fees $8.35

0660 09

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06/12/2019

Sent To Danny Berry
Street and Apt. No., or PO Box No. P.O. Box 160
City, State, ZIP+4® Eunice, NM 88231

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7017 2620 0001 0356 7975

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ROSWELL, NM 88202

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☐ Return Receipt (electronic) $0.00
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☐ Adult Signature Required $0.00
☐ Adult Signature Restricted Delivery $
Postage $2.05
Total Postage and Fees $8.35

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06/12/2019

Sent To Ruth Engwall
Street and Apt. No., or PO Box No. P.O. Box 1782
City, State, ZIP+4® Roswell, NM 88202

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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MIDLAND, TX 79705

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: Apache Corporation
Street and Apt. No., or PO Box No.: 303 Veterans Airpark Ln #1000
City, State, ZIP+4®: Midland, TX 79705

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WICHITA FALLS, TX 76308

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: Burk Royalty Co., LTD
Street and Apt. No., or PO Box No.: P.O. Box 94903
City, State, ZIP+4®: Wichita Falls, TX 76308

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MIDLAND, TX 79710

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☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: Mas Operating Co
Street and Apt. No., or PO Box No.: P.O. Box 52167
City, State, ZIP+4®: Midland, TX 79710

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HOBBS, NM 88240

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☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: NMOCD - District 2
Street and Apt. No., or PO Box No.: 1625 N. French Drive
City, State, ZIP+4®: Hobbs, NM 88240

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FORT WORTH, TX 76102

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: Jetta X2 LP
Street and Apt. No., or PO Box No.: 777 Taylor St. #PI D
City, State, ZIP+4®: Fort Worth, TX 76102

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JAL, NM 88252

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Extra Services & Fees (check box, add fee as appropriate)	
☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

$2.80

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06/12/2019

Sent To: Fulfer Oil & Cattle LLC
Street and Apt. No., or PO Box No.: P.O. Box 1224
City, State, ZIP+4®: Jal, NM 88252

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XIV. PROOF OF NOTICE

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MIDLAND, TX 79701

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

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Sent To: COG Operating LLC
Street and Apt. No., or PO Box No.: 600 W Illinois Avenue
City, State, ZIP+4®: Midland, TX 79701

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☐ Return Receipt (hardcopy)	$0.00
☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

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Sent To: Carl Engwall
Street and Apt. No., or PO Box No.: P.O. Box 1782
City, State, ZIP+4®: Roswell, NM 88202

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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DALLAS, TX 75248

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☐ Return Receipt (electronic)	$0.00
☐ Certified Mail Restricted Delivery	$0.00
☐ Adult Signature Required	$0.00
☐ Adult Signature Restricted Delivery	$
Postage	$2.05
Total Postage and Fees	$8.35

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06/12/2019

Sent To: Sundown Energy LP
Street and Apt. No., or PO Box No.: 16400 Dallas PKWY STE 100
City, State, ZIP+4®: Dallas, TX 75248

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
June 15, 2019
and ending with the issue dated
June 15, 2019.

Publisher

Sworn and subscribed to before me this
15th day of June 2019.

Business Manager

My commission expires
January 29, 2023
(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico
My Commission Expires 1-29-23

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE
JUNE 15, 2019

LilyStream Water Solutions, LLC, 1308 W. Ave D, Lovington, NM 88260, is filing Form C-108 for an application for Authority to Inject with the New Mexico Oil and Conservation Division requesting administrative approval for a salt water disposal well. The proposed newly drilled well, the Berry Lazy Ace SWD No. 1 is located at 1,620' FSL & 2,620' FEL, Section 34, Township 20S Range 34E, N.M.P.M., Lea County, New Mexico: go South along Lea County Road 27 (Skeen) approximately 1/2 mile from intersection of NM HWY 176 and Lea County Road 27 (Skeen). (API # to be assigned). Produced water from area oil and gas producing wells will be commercially disposed into the Devonian and Silurian formations from 14,916' to 16,306' below surface. Expected maximum injection rate is 30,000 bpd, and the expected maximum injection pressure is 2,983 psi. Questions concerning the application can be directed to the applicant's agent Lowry Environmental, LLC, PO Box 896, Lovington, NM 88260, by phone (432) 466-4450 or email joel@lowryenvironmental.com. Objections or request for hearing must be directed to the Oil Conservation Division, (505) 476-3440, 1220 South Saint Francis Drive, Santa Fe, NM 87504, within 15 days.
#34314

67115859 00229637

CADEN JAMESON
LILLYSTREAM WATER SOLUTIONS
1308 W AVE N
LOVINGTON, NM 88260