ENSOLUM

CLOSURE REPORT

Property:

Neil Gas Com B#1 (11/06/23)
Unit Letter L, S14 T31N R11W
San Juan County, New Mexico

New Mexico EMNRD OCD Incident ID No. NAPP2331047418

January 4, 2024

Ensolum Project No. 05A1226293

Prepared for:

Enterprise Field Services, LLC
614 Reilly Avenue
Farmington, NM 87401
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Prepared by:

Ranee Deechilly
Project Manager

Kyle Summers
Senior Managing Geologist

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1.0 INTRODUCTION

1.1 Site Description & Background

Operator:	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
Site Name:	Neil Gas Com B#1 (11/06/23) (Site)
NM EMNRD OCD Incident ID No.	NAPP2331047418
Location:	36.89484° North, 107.96675° West Unit Letter L, Section 14, Township 31 North, Range 11 West San Juan County, New Mexico
Property:	United States Bureau of Land Management
Regulatory:	New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD)

On October 30, 2023, Enterprise was notified of a release of natural gas from the Neil Gas Com B#1 pipeline by a third party. Enterprise verified the release and subsequently isolated and locked the pipeline out of service. On November 6, 2023, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact. In addition, Enterprise determined the release was "reportable" due to the potential volume of impacted soil. The NM EMNRD OCD was subsequently notified.

A **Topographic Map** depicting the location of the Site is included as **Figure 1**, and a **Site Vicinity Map** is included as **Figure 2** in **Appendix A**.

1.2 Project Objective

The primary objective of the closure activities was to reduce constituent of concern (COC) concentrations in the on-site soils to below the applicable NM EMNRD OCD closure criteria.

2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NM EMNRD OCD. During the evaluation and remediation of the Site, Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases,* which establishes investigation and abatement action requirements for oil and gas release sites that are subject to reporting and/or corrective action. The appropriate closure criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general site characteristics and information available from NM state agency databases and federal agency geospatial databases to determine the appropriate closure criteria for the Site. Supporting figures and documentation associated with the following Siting bullets are provided in **Appendix B**.

- The NM Office of the State Engineer (OSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). No PODs were identified in the same Public Land Survey System (PLSS) section as the Site. Numerous PODs were identified in the adjacent PLSS sections. The average depth to water for the PODs is 22 feet below grade surface (bgs). The closest POD (SJ-03857-POD1) is approximately 0.64 miles northeast of the site and approximately 49 feet higher in

elevation than the Site. The recorded depth to water for this POD is 60 feet bgs (**Figure A**, **Appendix B**).

- Five cathodic protection wells (CPWs) were identified in the NM EMNRD OCD imaging database in the adjacent PLSS sections. These CPWs are depicted on **Figure B** (**Appendix B**). The closest CPW (Calloway #1A) is located less than one mile from the Site. Documentation for the cathodic protection well located near the Calloway #1A production pad indicates a depth to water of 100 feet bgs. This cathodic protection well is located approximately 0.92 miles southwest of the Site and is approximately 34 feet lower in elevation than the Site. The other four CPWs are located over 1.5 miles from the Site. The average depth to water for these CPWs is 72 feet bgs.

- The Site is located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse or significant watercourse (**Figure C**, **Appendix B**).

- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.

- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church (**Figure D**, **Appendix B**).

- No springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were identified within 500 feet of the Site (**Figure E**, **Appendix B**).

- No freshwater wells or springs were identified within 1,000 feet of the Site (**Figure E**, **Appendix B**).

- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.

- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland (**Figure F**, **Appendix B**).

- Based on information identified in the NM Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine (**Figure G**, **Appendix B**).

- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.

- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain (**Figure H**, **Appendix B**).

Based on available information Enterprise estimates the depth to water at the Site to be less than 50 feet bgs, resulting in a Tier I ranking. The closure criteria for soils remaining in place at the Site include:

Tier I Closure Criteria for Soils Impacted by a Release		
Constituent[1]	**Method**	**Limit**
Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
TPH (GRO+DRO+MRO)[2]	EPA SW-846 Method 8015	100 mg/kg
BTEX[3]	EPA SW-846 Method 8021 or 8260	50 mg/kg
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg

[1] – Constituent concentrations are in milligrams per kilogram (mg/kg).
[2] – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).
[3] – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

3.0 SOIL REMEDIATION ACTIVITIES

On November 6, 2023, Enterprise initiated activities to repair the pipeline and remediate petroleum hydrocarbon impact resulting from the release. During the remediation and corrective action activities, West States Energy Contractors, Inc, provided heavy equipment and labor support, while Ensolum provided environmental consulting support.

The first excavation measured approximately 26 feet long and 14 feet wide at the maximum extents. The maximum depth of the first excavation measured approximately 14 feet bgs. The second excavation measured approximately 10 feet long and 10 feet wide at the maximum extents. The maximum depth of the second excavation measured approximately five feet bgs. The lithology encountered during the completion of remediation activities consisted primarily of consolidate to unconsolidated silty sand and clay.

Approximately 332 cubic yards (yd^3) of petroleum hydrocarbon-affected soils and 91 barrels (bbls) of hydro-excavation soil cuttings and water were transported to the Envirotech, Inc., (Envirotech) landfarm in San Juan County, NM for disposal/remediation. The executed C-138 solid waste acceptance form is provided in **Appendix C**. The excavation was backfilled with imported fill and then contoured to the surrounding grade.

Figure 3 is a map that identifies approximate soil sample locations and depicts the approximate dimensions of the excavation with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix D**.

4.0 SOIL SAMPLING PROGRAM

Ensolum field screened the soil samples from the excavation utilizing a calibrated Dexsil PetroFLAG® hydrocarbon analyzer system and a photoionization detector (PID) fitted with a 10.6 eV lamp to guide excavation extents.

Ensolum's soil sampling program included the collection of 13 composite soil samples (Ex1-1 through Ex1-8 and Ex2-1 through Ex2-5) from the two excavations for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot (ft^2) or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. The excavator bucket and hand tools were utilized to obtain fresh aliquots from each area of the excavations. Regulatory correspondence is provided in **Appendix E**.

First Sampling Event
On November 8, 2023, sampling was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil samples Ex2-1 (0' to 5'), Ex2-3 (0' to 5'), Ex2-3 (0' to 5'), and Ex2-4 (0' to 5')

were collected from the walls of the first excavation. Composite soil sample Ex2-5 (5') was collected from the floor of the first excavation.

Second Sampling Event

On November 9, 2023, a second sampling event was performed at the Site. The NM EMNRD OCD was notified of the sampling event although no representative was present during sampling activities. Composite soil sample Ex1-1 (14') and Ex1-2 (14') were collected from the floor of the excavation. Composite soil samples Ex1-3 (0' to 14'), Ex1-4 (0' to 14'), Ex1-5 (0' to 14'), Ex1-6 (0' to 14'), Ex1-7 (0' to 14'), and Ex1-8 (0' to 14') were collected from the walls of the excavation.

All soil samples were collected and placed in laboratory-prepared glassware. The containers were labeled and sealed using the laboratory-supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Eurofins Environment Testing South Central LLC (Eurofins) of Albuquerque, NM, under proper chain-of-custody procedures.

5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for BTEX using Environmental Protection Agency (EPA) SW-846 Method 8021; TPH GRO/DRO/MRO using EPA SW-846 Method 8015; and chlorides using EPA Method 300.0.

The laboratory analytical results are summarized in **Table 1** (**Appendix F**). The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix G**.

6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (Ex1-1 through Ex1-8 and Ex2-1 through Ex2-5) to the applicable NM EMNRD OCD closure criteria. The laboratory analytical results are summarized in **Table 1** (**Appendix F**).

- The laboratory analytical results for the composite soil samples indicate benzene is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 10 mg/kg.

- The laboratory analytical results for composite soil samples Ex1-1 through Ex1-8 indicate total BTEX concentrations ranging from 0.14 mg/kg (Ex1-4) to 0.29 mg/kg (Ex1-6), which are less than the NM EMNRD OCD closure criteria of 50 mg/kg. The laboratory analytical results for the other composite soil samples indicate total BTEX is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 50 mg/kg.

- The laboratory analytical results for composite soil samples Ex2-3, Ex2-4, and Ex2-5 indicate total combined TPH GRO/DRO/MRO concentrations of 11 mg/kg, 11 mg/kg, and 14 mg/kg, respectively, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg. The laboratory analytical results for the other composite soil samples indicate total combined TPH GRO/DRO/MRO is not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NM EMNRD OCD closure criteria of 100 mg/kg.

- The laboratory analytical results for the composite soil samples indicate chloride is not present at concentrations greater than the laboratory PQLs/RLs, which is less than the NM EMNRD OCD closure criteria of 600 mg/kg.

7.0 RECLAMATION

The excavation was backfilled with imported fill and then contoured to the surrounding grade.

8.0 FINDINGS AND RECOMMENDATION

- Thirteen composite soil samples were collected from the Site. Based on laboratory analytical results, no benzene, BTEX, chloride, or total combined TPH GRO/DRO/MRO exceedances were identified in the soils remaining at the Site.

- Approximately 332 yd^3 of petroleum hydrocarbon-affected soils and 91 bbls of hydro-excavation soil cuttings and water were transported to the Envirotech landfarm for disposal/remediation.

Based on field observations and laboratory analytical results, no additional investigation or corrective action appears warranted at this time.

9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

9.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

9.3 Reliance

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in

the Closure Report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.

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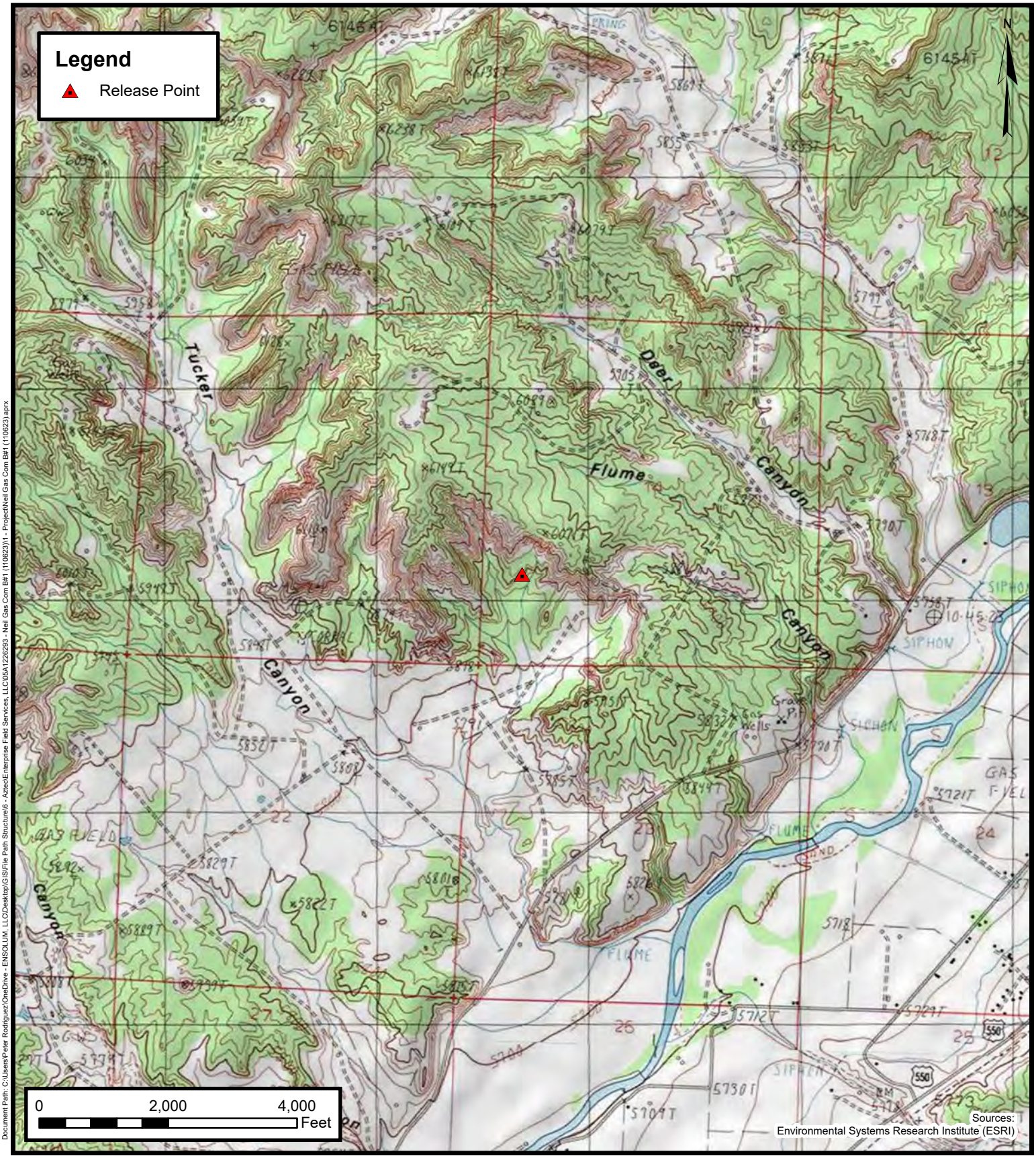
APPENDIX A

Figures



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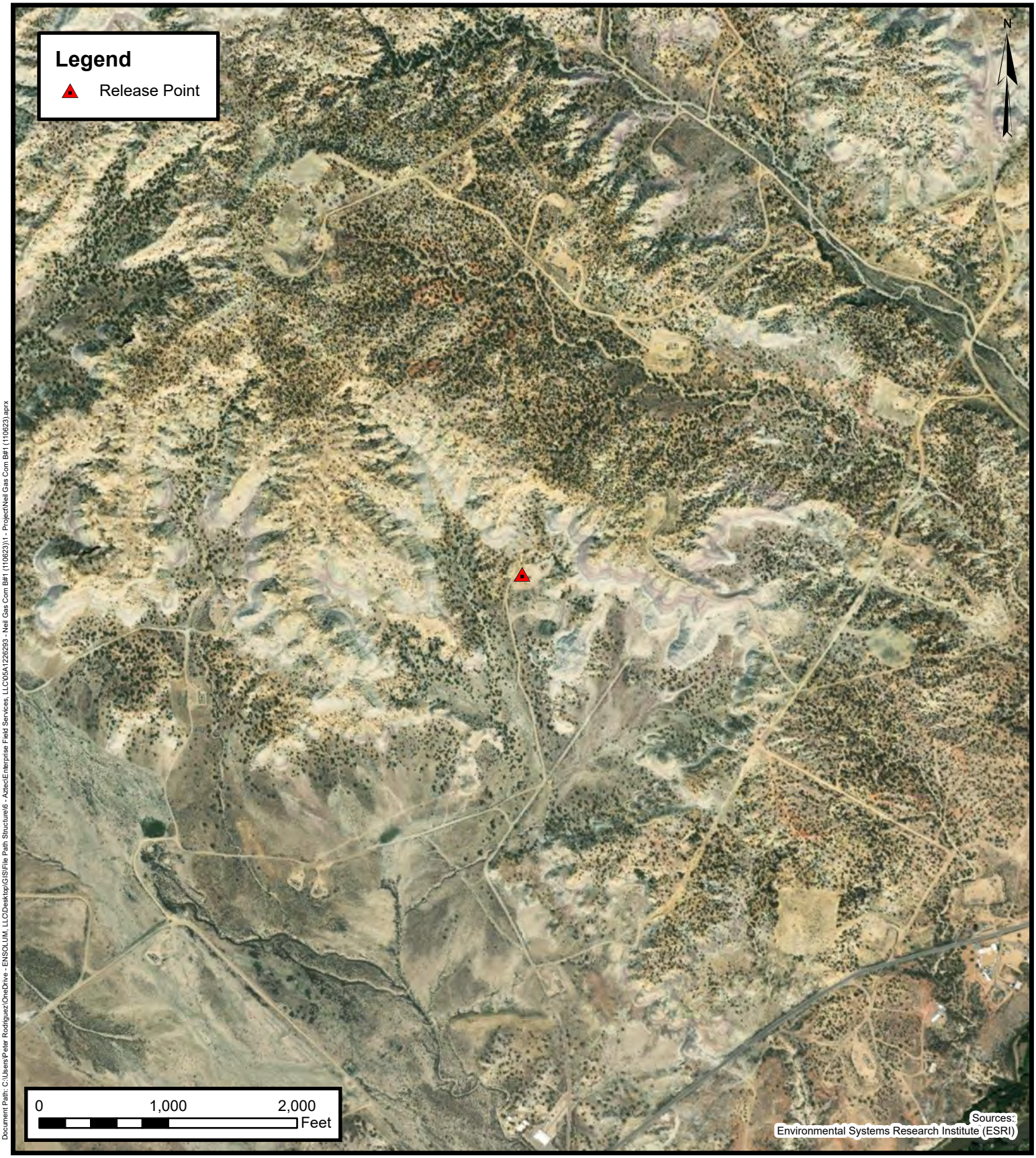
Environmental, Engineering and Hydrogeologic Consultants

Topographic Map

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
1



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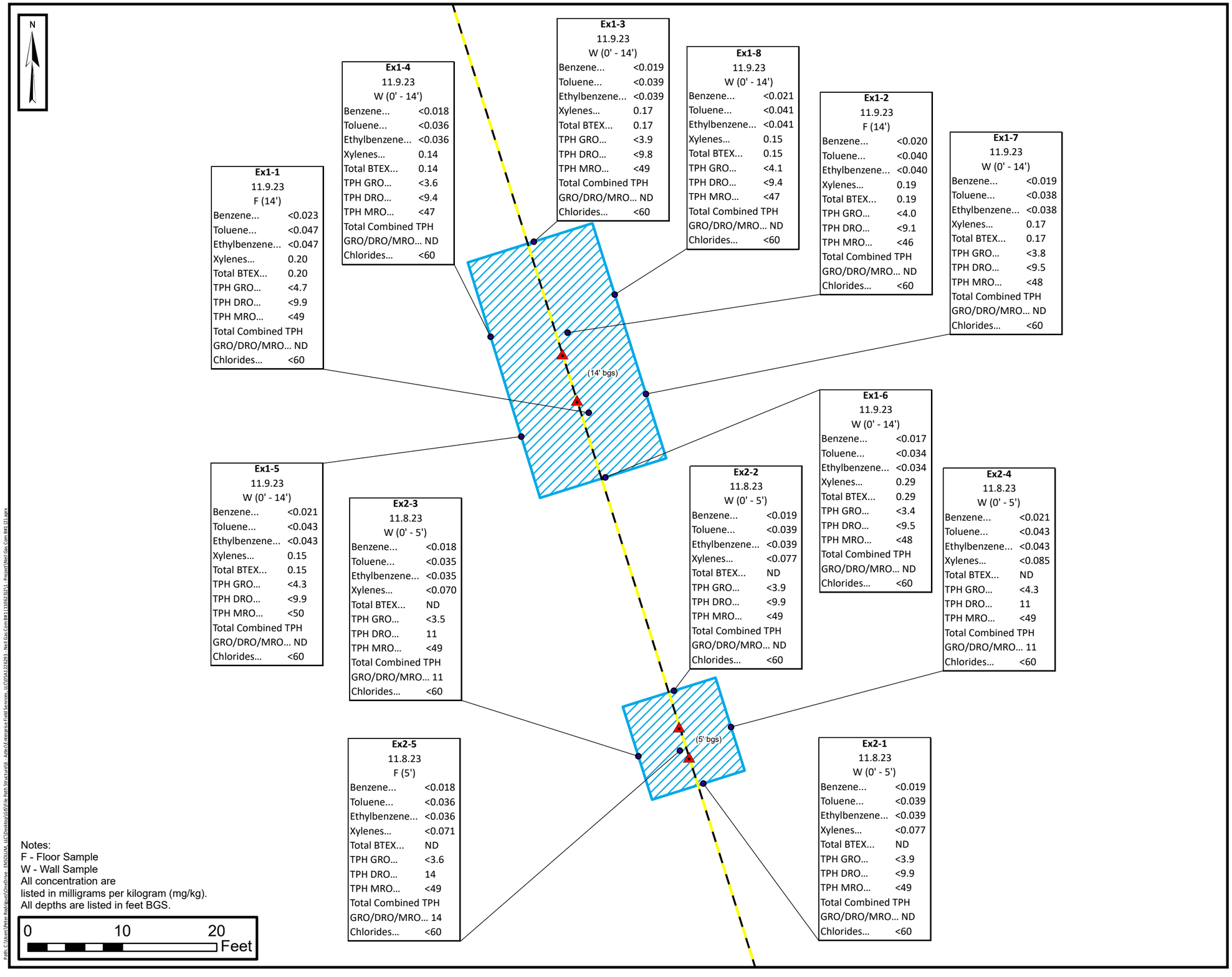
Site Vicinity Map

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
2



LEGEND

- Release Points
- Composite Soil Sample Location
- Pipeline Location
- Excavation Extents

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Site Map with Soil Analytical Results

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Unit Letter L, S14 T31N R11W
San Juan County, New Mexico
36.89484, -107.96675

Figure

3

Project Number: 05A1226293

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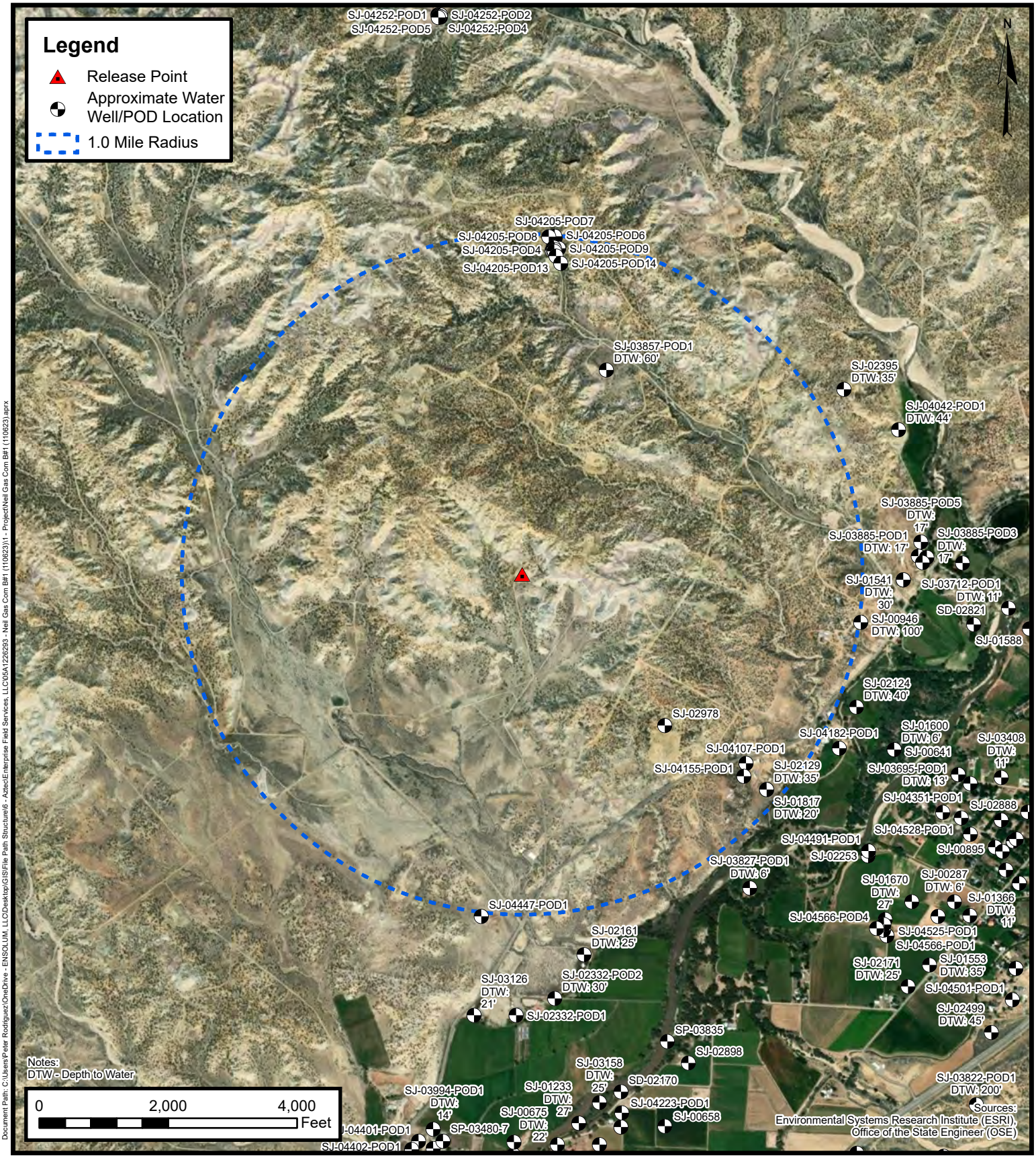
APPENDIX B

Siting Figures and Documentation



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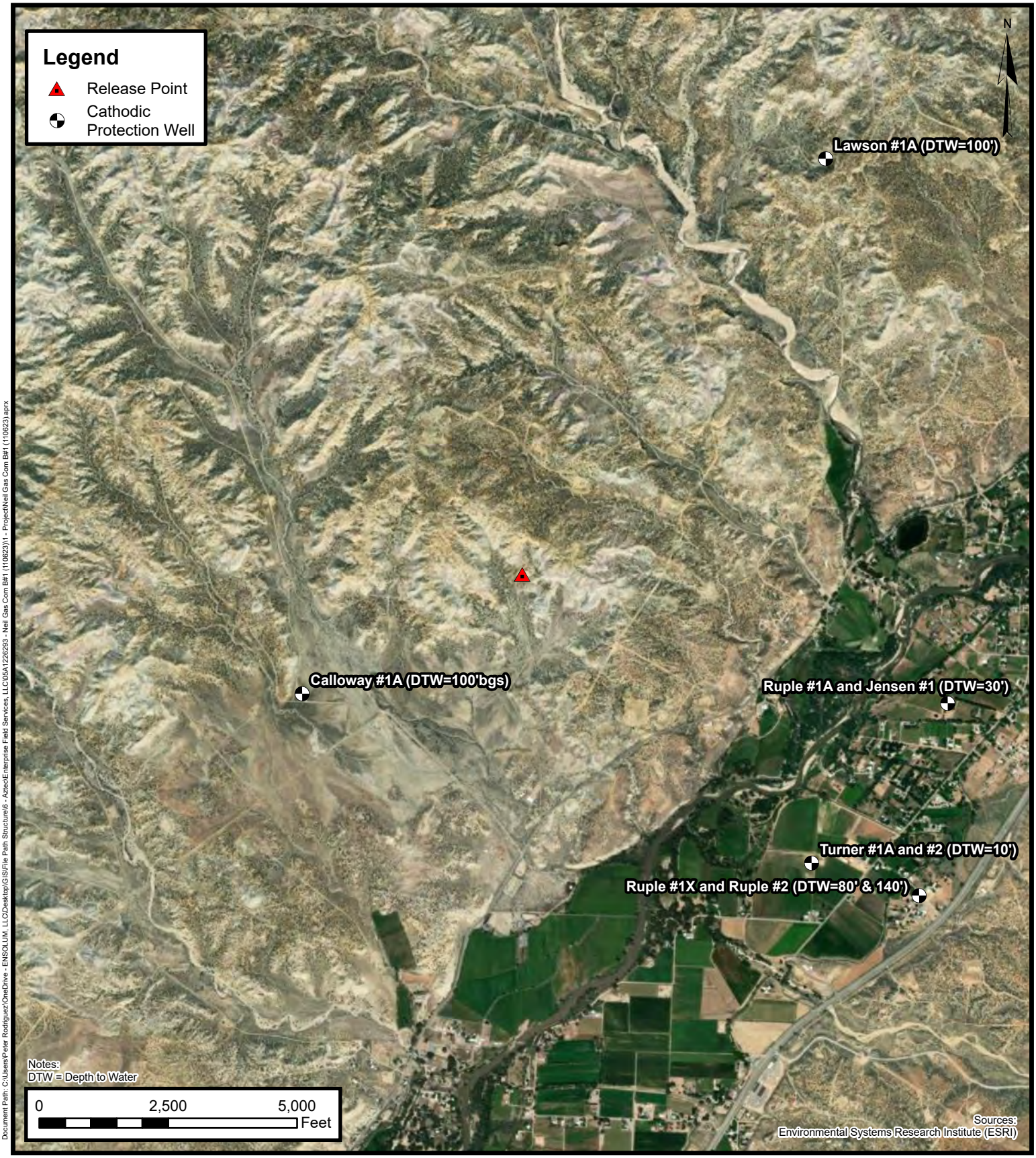
1.0 Mile Radius Water Well / POD Location Map

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
A



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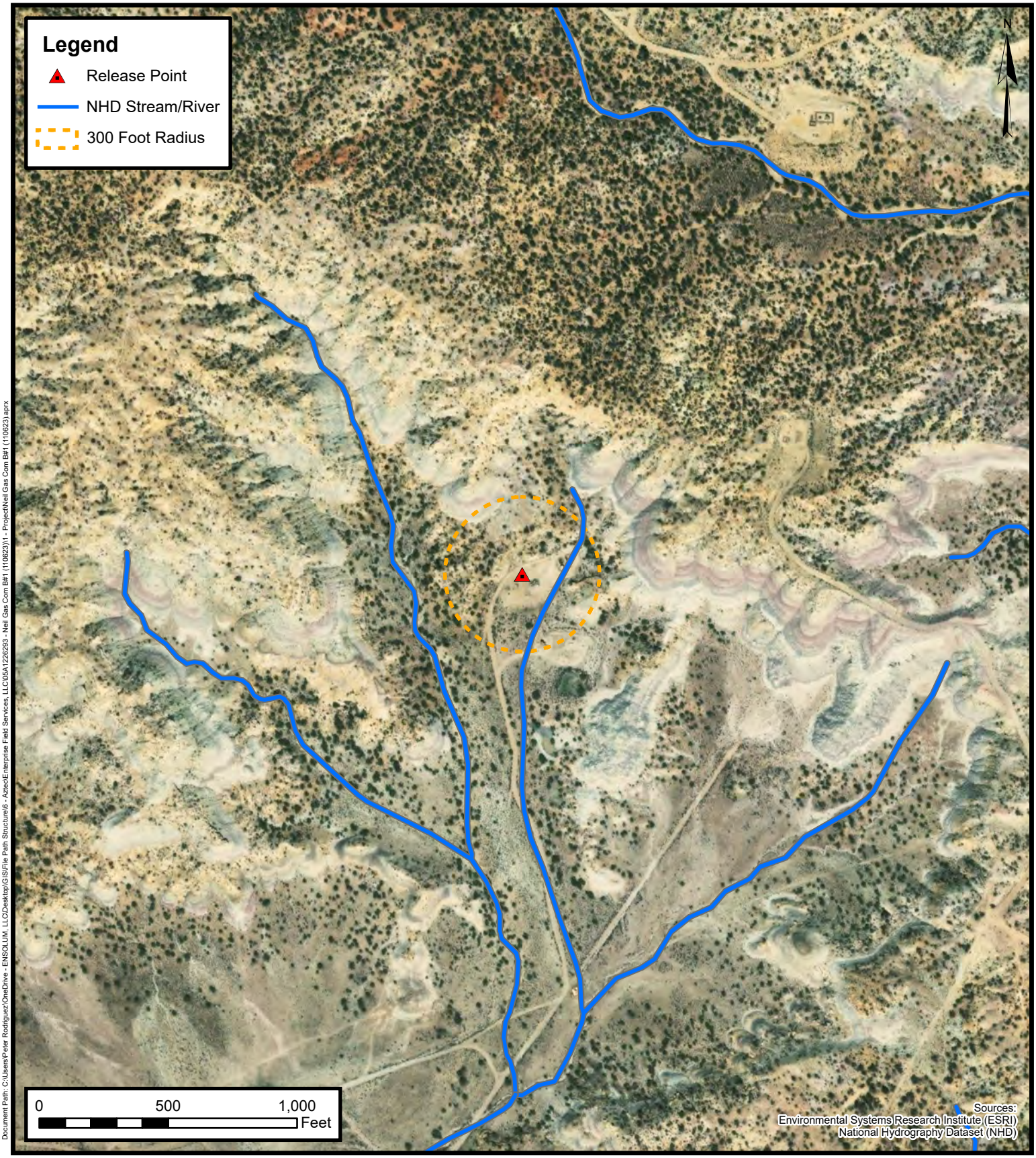
Cathodic Protection Well Recorded Depth to Water

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
B



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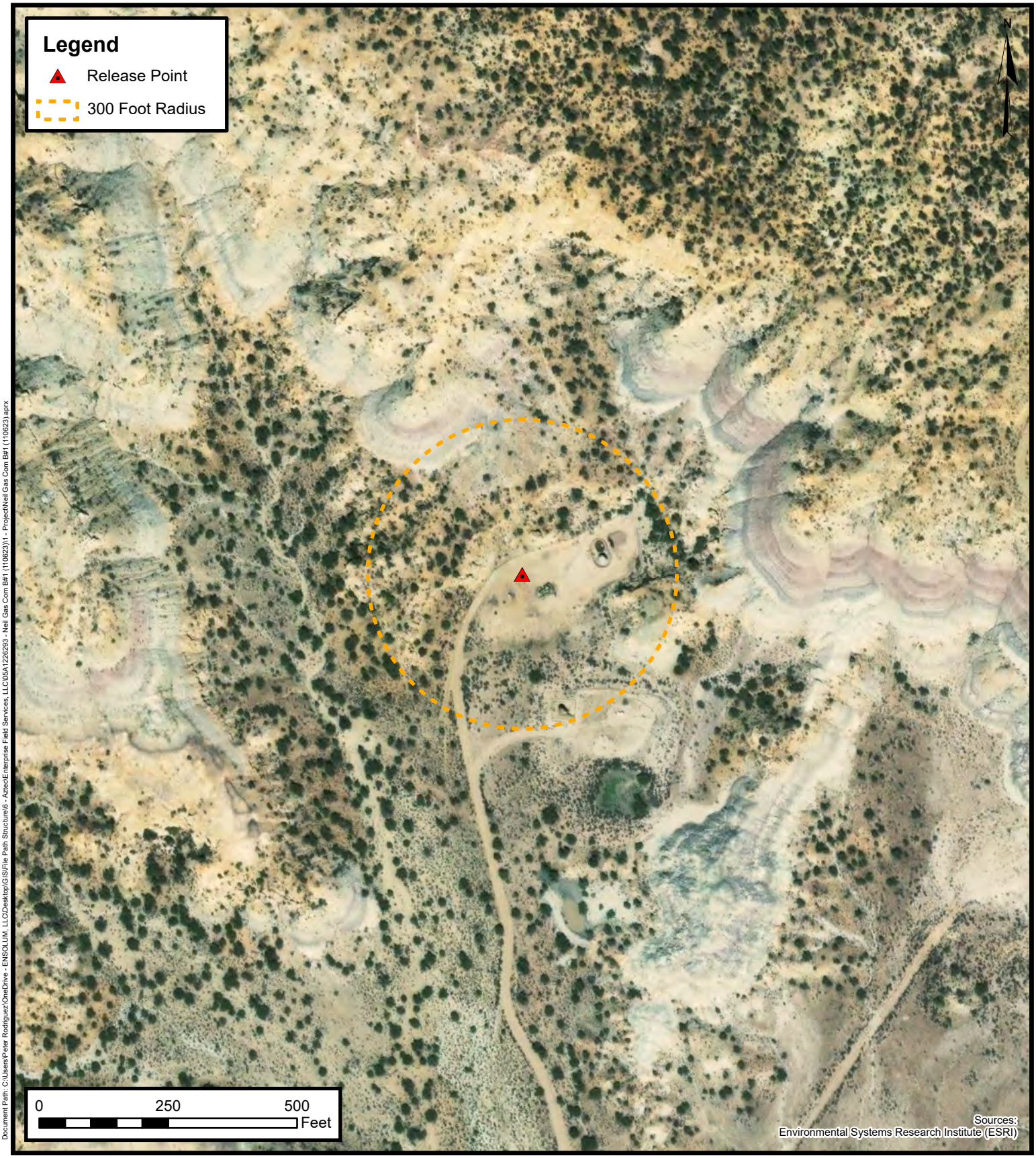
300 Foot Radius Watercourse and Drainage Identification

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE

C



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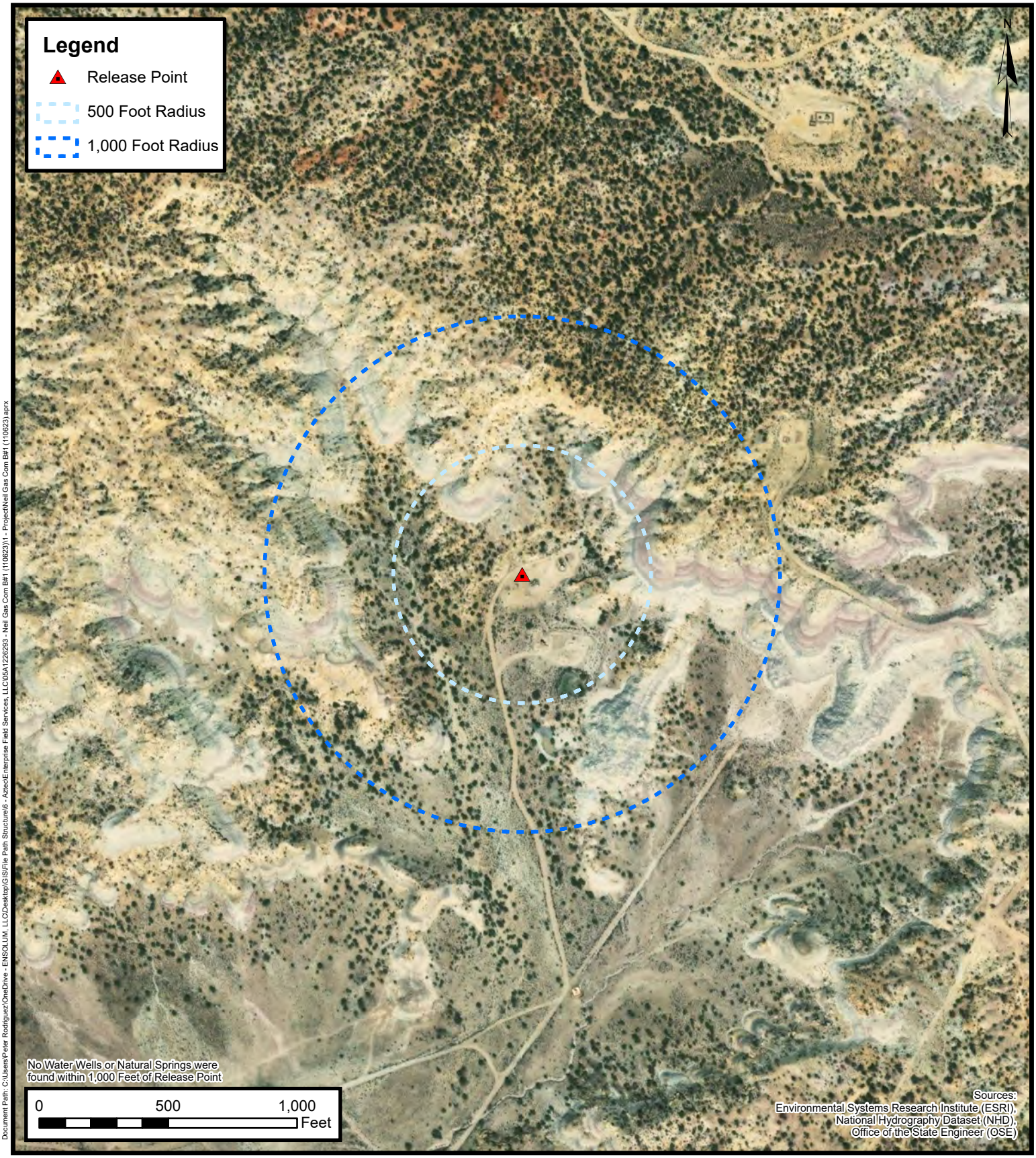
300 Foot Radius Occupied Structure Identification

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE

D



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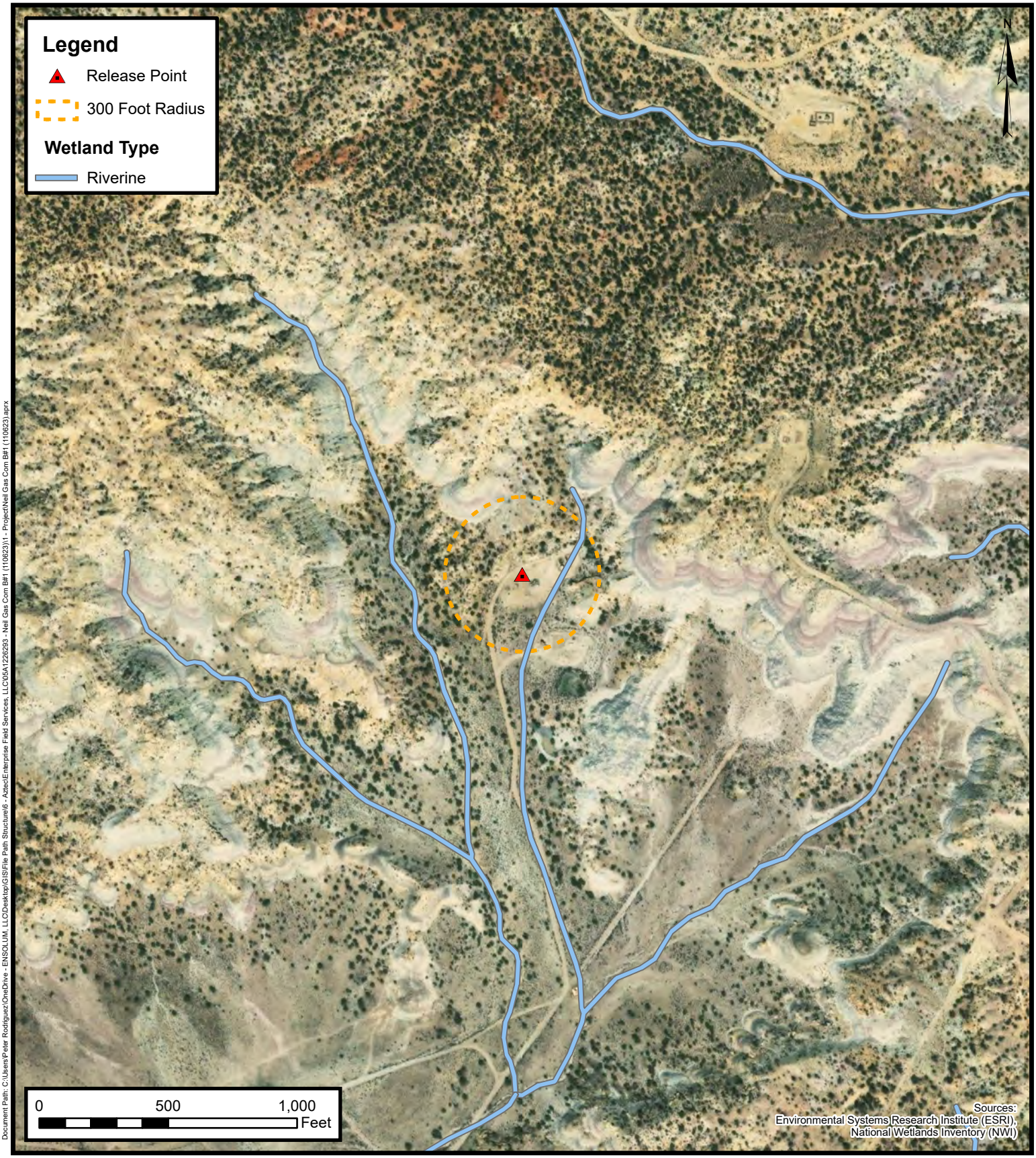
Water Well and Natural Spring Location
Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
E



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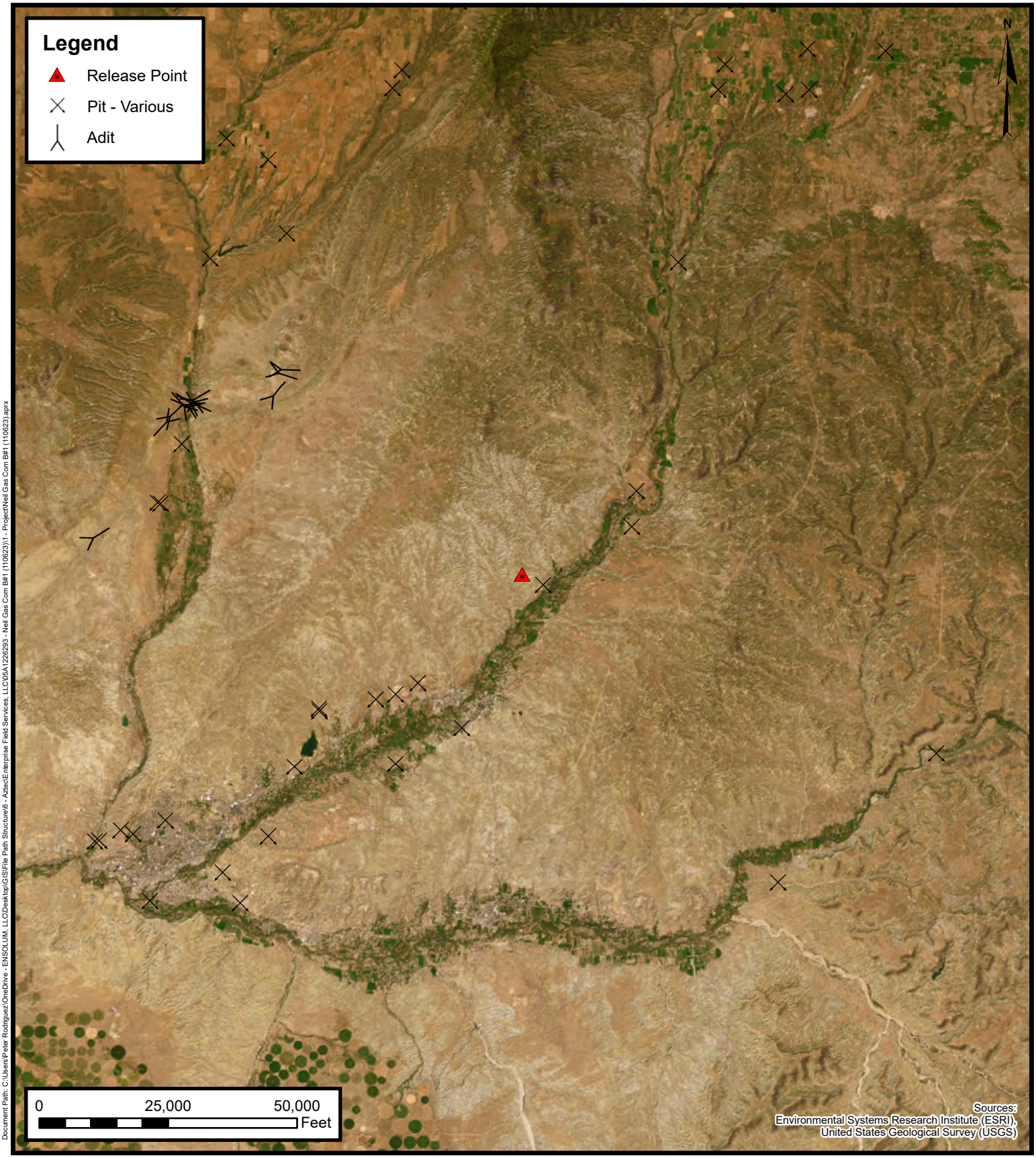
Wetlands

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
F



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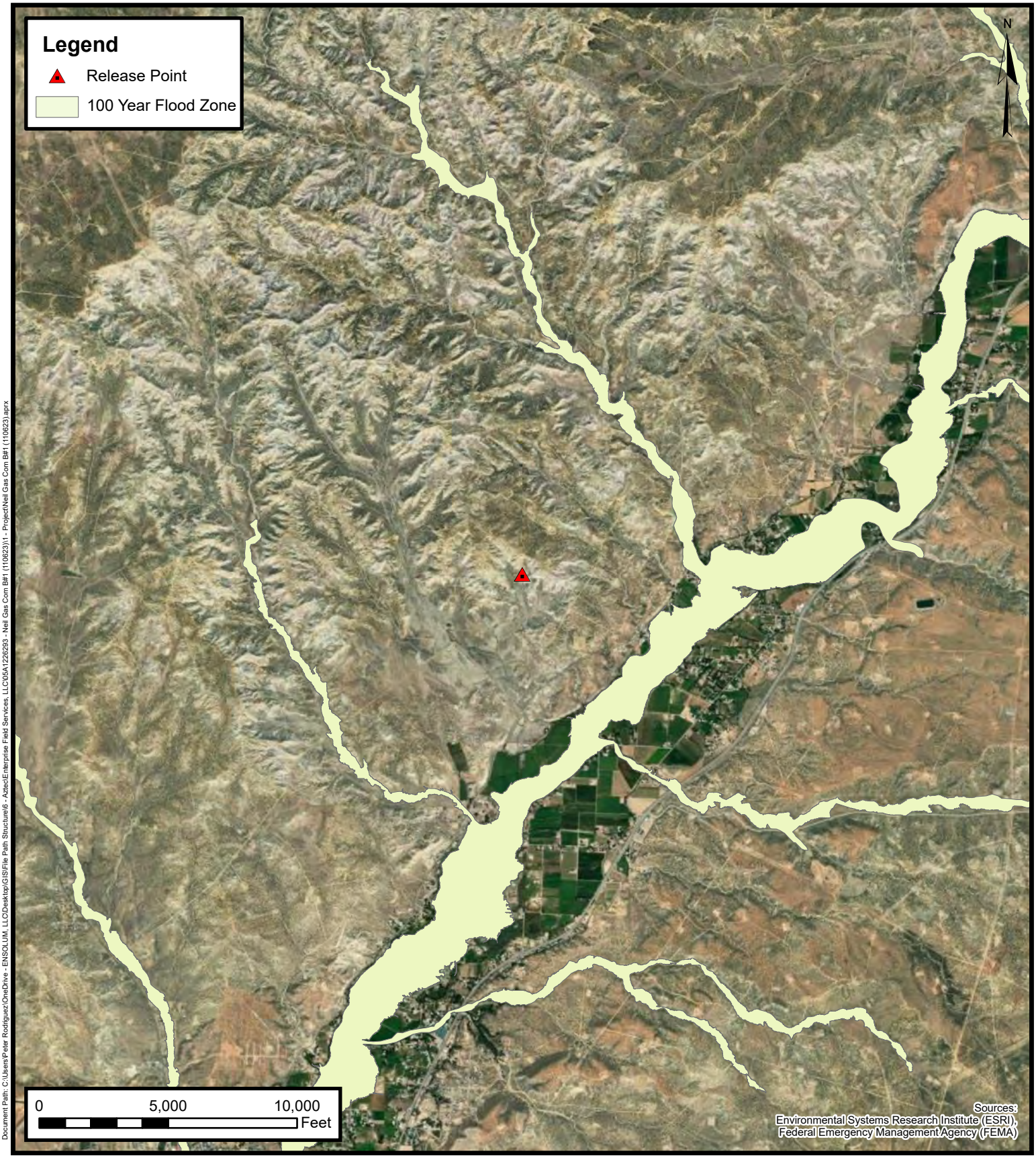
Mines, Mills, and Quarries

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE
G



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100-Year Flood Plain Map

Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Project Number: 05A1226293
Unit Letter L, S14 T31N R11W, San Juan County, New Mexico
36.89484, -107.96675

FIGURE

H

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	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 00287	SJAR	SJ	4	2	3	24	31N	11W	237677	4085770*	38	6	32
SJ 00365	SJAR	SJ	4	4	2	24	31N	11W	238505	4086140*	71	40	31
SJ 00379	SJAR	SJ	4	4	2	24	31N	11W	238505	4086140*	65	40	25
SJ 00405	SJAR	SJ	4	3	4	24	31N	11W	238068	4085354*	69	42	27
SJ 00555	SJAR	SJ	4	2	2	24	31N	11W	238519	4086542*	60	19	41
SJ 00555 X	SJAR	SJ		4	2	24	31N	11W	238406	4086241*	58	39	19
SJ 00560	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	39	25	14
SJ 00913	SJAR	SJ		3	4	24	31N	11W	237969	4085455*	81	55	26
SJ 00946	SJAR	SJ		3	3	13	31N	11W	237235	4087090*	135	100	35
SJ 01047	SJAR	SJ	4	3	4	24	31N	11W	238068	4085354*	205	70	135
SJ 01142	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	30	8	22
SJ 01173	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	46	28	18
SJ 01366	SJAR	SJ		1	4	24	31N	11W	237985	4085856*	30	11	19
SJ 01375	SJAR	SJ		2	2	24	31N	11W	238420	4086643*	30	11	19
SJ 01405	SJAR	SJ		3	4	24	31N	11W	237969	4085455*	30	9	21
SJ 01455	SJAR	SJ	4	3	4	24	31N	11W	238068	4085354*	101	66	35
SJ 01537	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	52	28	24
SJ 01538	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	52	30	22
SJ 01539	SJAR	SJ			3	13	31N	11W	237436	4087291*	52	30	22
SJ 01540	SJAR	SJ			4	13	31N	11W	238235	4087260*	52	30	22
SJ 01541	SJAR	SJ			3	13	31N	11W	237436	4087291*	52	30	22
SJ 01542	SJAR	SJ		4	4	13	31N	11W	238434	4087044*			
SJ 01551	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	64	42	22
SJ 01553	SJAR	SJ		4	3	24	31N	11W	237559	4085470*	44	35	9
SJ 01559	SJAR	SJ			2	24	31N	11W	238202	4086458*	50	27	23
SJ 01600	SJAR	SJ			1	24	31N	11W	237394	4086489*	30	6	24

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

(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	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 01609	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	40	18	22
SJ 01640	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	32	7	25
SJ 01644	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	23	6	17
SJ 01645	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	22	6	16
SJ 01663	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	45	25	20
SJ 01670	SJAR	SJ			3	24	31N	11W	237351	4085687*	45	27	18
SJ 01683	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	45	25	20
SJ 01699	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	42	12	30
SJ 01729	SJAR	SJ		4	2	13	31N	11W	238453	4087847*	48	28	20
SJ 01730	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	40	24	16
SJ 01731	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	43	25	18
SJ 01744	SJAR	SJ		2	2	24	31N	11W	238420	4086643*	44	20	24
SJ 01767	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	42	18	24
SJ 01801	SJAR	SJ			4	13	31N	11W	238235	4087260*	22	15	7
SJ 01817	SJAR	SJ		4	2	23	31N	11W	236789	4086300*	65	20	45
SJ 01863 POD1	SJAR	SJ	4	4	4	13	31N	11W	238529	4086992	50		
SJ 01879	SJAR	SJ			4	13	31N	11W	238235	4087260*	26	8	18
SJ 01986	SJAR	SJ	2	2	2	24	31N	11W	238519	4086742*	38	21	17
SJ 01986 S	SJAR	SJ	2	2	2	24	31N	11W	238519	4086742*	45	30	15
SJ 02093	SJAR	SJ		4	4	13	31N	11W	238528	4086862	40	20	20
SJ 02124	SJAR	SJ		1	1	24	31N	11W	237214	4086689*	55	40	15
SJ 02129	SJAR	SJ		4	2	23	31N	11W	236789	4086300*	72	35	37
SJ 02149	SJAR	SJ		4	4	13	31N	11W	238434	4087044*	35		
SJ 02161	SJAR	SJ		4	3	23	31N	11W	235926	4085520*	40	25	15
SJ 02171	SJAR	SJ	3	4	3	24	31N	11W	237458	4085369*	45	25	20
SJ 02289	SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	45	16	29
SJ 02395	SJAR	SJ	3	1	1	13	31N	11W	237155	4088191*	95	35	60
SJ 02495	SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	28	12	16
SJ 02644	SJAR	SJ	4	1	4	24	31N	11W	238084	4085755*	45	18	27

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

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 02758		SJAR	SJ	2	4	2	24	31N	11W	238505	4086340*	69	51	18
SJ 02791		SJAR	SJ	2	4	2	24	31N	11W	238505	4086340*	74	54	20
SJ 02801		SJAR	SJ	3	4	4	13	31N	11W	238333	4086943*	36	5	31
SJ 02838		SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	38	10	28
SJ 02839		SJAR	SJ	1	4	2	24	31N	11W	238305	4086340*	55	19	36
SJ 02846		SJAR	SJ	3	3	2	24	31N	11W	237900	4086156*	45	18	27
SJ 02855		SJAR	SJ	4	4	4	13	31N	11W	238533	4086943*	31		
SJ 02888		SJAR	SJ	3	3	2	24	31N	11W	237900	4086156*	65		
SJ 02924		SJAR	SJ	2	3	2	24	31N	11W	238100	4086356*	33	15	18
SJ 02928		SJAR	SJ	2	3	2	24	31N	11W	238100	4086356*	70		
SJ 02978		SJAR	SJ	3	1	2	23	31N	11W	236309	4086603*	800		
SJ 03018		SJAR	SJ	4	3	4	13	31N	11W	238133	4086958*	20	8	12
SJ 03064		SJAR	SJ	3	4	4	13	31N	11W	238333	4086943*	45		
SJ 03084		SJAR	SJ	2	4	4	13	31N	11W	238533	4087143*	19	11	8
SJ 03085		SJAR	SJ	2	4	4	13	31N	11W	238533	4087143*	18	8	10
SJ 03124		SJAR	SJ	4	2	4	13	31N	11W	238542	4087344*	20	5	15
SJ 03125		SJAR	SJ	4	2	4	13	31N	11W	238542	4087344*	20	5	15
SJ 03264		SJAR	SJ	2	2	4	13	31N	11W	238542	4087544*	20	11	9
SJ 03408		SJAR	SJ	1	3	2	24	31N	11W	237900	4086356*	26	11	15
SJ 03412		SJAR	SJ		2	4	13	31N	11W	238443	4087445*	60		
SJ 03413		SJAR	SJ		2	4	13	31N	11W	238443	4087445*	60		
SJ 03438		SJAR	SJ	4	4	4	24	31N	11W	238477	4085338*	40		
SJ 03440		SJAR	SJ	1	4	4	13	31N	11W	238333	4087143*	20	6	14
SJ 03620		SJAR	SJ	2	4	4	13	31N	11W	238533	4087142	20		
SJ 03623		SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	30	16	14
SJ 03650		SJAR	SJ	3	3	2	24	31N	11W	237900	4086156*	32	15	17
SJ 03670		SJAR	SJ	4	4	2	13	31N	11W	238133	4086891	26	10	16
SJ 03695	O		SJ	2	4	1	24	31N	11W	237696	4086371*	25	13	12
SJ 03695 POD	O		SJ	2	4	1	24	31N	11W	237696	4086371*	25	13	12

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(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 03695 POD1		SJAR	SJ	2	4	1	24	31N	11W	237696	4086371*	25	13	12
SJ 03696	O		SJ	2	4	1	24	31N	11W	237696	4086371*	24	12	12
SJ 03696 POD1		SJAR	SJ	2	4	1	24	31N	11W	237696	4086371*	24	12	12
SJ 03707 POD1		SJAR	SJ	1	4	2	24	31N	11W	238305	4086340*	60	40	20
SJ 03712 POD1		SJAR	SJ	1	3	4	13	31N	11W	237933	4087158*	19	11	8
SJ 03736 POD1		SJAR	SJ	1	2	4	13	31N	11W	238342	4087544*	19	6	13
SJ 03755 POD1		SJAR	SJ		4	1	24	31N	11W	237754	4086327	27	7	20
SJ 03827 POD1		SJAR	SJ	2	4	4	23	31N	11W	236710	4085834	17	6	11
SJ 03844 POD1		SJAR	SJ	3	3	2	24	31N	11W	237971	4086065	37	11	26
SJ 03845 POD1		SJAR	SJ	4	3	2	24	31N	11W	238118	4086116	40	14	26
SJ 03857 POD1		SJAR	SJ	3	2	1	14	31N	11W	236033	4088283	220	60	160
SJ 03885 POD1		SJAR	SJ	1	2	3	13	31N	11W	237508	4087404	25	17	8
SJ 03885 POD2		SJAR	SJ	1	2	3	13	31N	11W	237546	4087397	25	17	8
SJ 03885 POD4		SJAR	SJ	1	2	3	13	31N	11W	237526	4087372	25	17	8
SJ 03885 POD5		SJAR	SJ		2	3	13	31N	11W	237520	4087469	40	17	23
SJ 03905 POD1		SJAR	SJ	1	2	4	13	31N	11W	238380	4087428	23	5	18
SJ 03925 POD1		SJAR	SJ	4	1	4	24	31N	11W	238108	4085685	43	24	19
SJ 03984 POD1		SJAR	SJ	3	4	2	13	31N	11W	238366	4087721	35	27	8
SJ 04004 POD1		SJAR	SJ	4	4	2	24	31N	11W	238026	4086194	37	16	21
SJ 04042 POD1		SJAR	SJ	2	3	1	13	31N	11W	237414	4087999	55	44	11
SJ 04073 POD1		SJAR	SJ	4	4	3	13	31N	11W	238155	4087658	39	12	27
SJ 04107 POD1		SJAR	SJ	1	4	2	23	31N	11W	236692	4086423	60		
SJ 04145 POD1		SJAR	SJ	4	2	3	13	31N	11W	237716	4087370	31	17	14
SJ 04155 POD1		SJAR	SJ	1	4	2	23	31N	11W	236682	4086362	60		
SJ 04182 POD1		SJAR	SJ	3	1	1	24	31N	11W	237133	4086495	50		
SJ 04205 POD1		SJ	SJ		3	3	11	31N	11W	235781	4088867	19		
SJ 04205 POD12		SJ	SJ		3	3	11	31N	11W	235785	4088844	18		
SJ 04205 POD2		SJ	SJ		3	3	11	31N	11W	235791	4088870	12		
SJ 04205 POD3		SJ	SJ		3	3	11	31N	11W	235792	4088830	9		

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(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
SJ 04205 POD4	SJ	SJ		3	3	11	31N	11W	235776	4088848	13		
SJ 04205 POD5	SJ	SJ		3	3	11	31N	11W	235783	4088846	7		
SJ 04205 POD6	SJ	SJ		3	3	11	31N	11W	235790	4088906	30		
SJ 04205 POD7	SJ	SJ		3	3	11	31N	11W	235787	4088915	10		
SJ 04205 POD8	SJ	SJ		3	3	11	31N	11W	235758	4088913	9		
SJ 04245 POD1	SJAR	SJ	4	2	2	24	31N	11W	238577	4086610	70		
SJ 04252 POD1	SJ	SJ		2	2	10	31N	11W	235236	4089961	35		
SJ 04252 POD2	SJ	SJ		2	2	10	31N	11W	235248	4089961	35		
SJ 04252 POD3	SJ	SJ		2	2	10	31N	11W	235240	4089955	30		
SJ 04252 POD5	SJ	SJ		2	2	10	31N	11W	235238	4089949			
SJ 04297 POD1	SJAR	SJ	2	2	4	13	31N	11W	238496	4087539	40		
SJ 04339 POD1	SJAR	SJ	1	1	4	24	31N	11W	237870	4086027	30	20	10
SJ 04341 POD1	SJAR	SJ	1	1	4	24	31N	11W	237905	4086007	70	30	40
SJ 04351 POD1	SJAR	SJ	4	4	1	24	31N	11W	237623	4086192	30		
SJ 04403 POD1	SJAR	SJ		3	4	13	31N	11W	238149	4086950	45		
SJ 04405 POD1	SJAR	SJ		1	4	24	31N	11W	237921	4085919	50		
SJ 04447 POD1	SJAR	SJ	1	3	3	23	31N	11W	235441	4085699	100		
SJ 04491 POD1	SJAR	SJ	2	1	3	24	31N	11W	237272	4086009	100		
SJ 04501 POD1	SJAR	SJ	3	3	4	24	31N	11W	237952	4085307	100		
SJ 04504 POD1	SJAR	SJ	4	2	3	24	31N	11W	237751	4085705	30		
SJ 04525 POD1	SJAR	SJ	4	2	3	24	31N	11W	237600	4085700	100		
SJ 04528 POD1	SJAR	SJ	4	4	1	24	31N	11W	237711	4086166	35		

Average Depth to Water: **22 feet**

Minimum Depth: **5 feet**

Maximum Depth: **100 feet**

Record Count: 135

PLSS Search:

Section(s): 14, 10, 11, 12, 13, 15, 22, 23, 24 **Township:** 31N **Range:** 11W

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
AZTEC, NEW MEXICO

2009 JAN -8 PM 1:45

1. GENERAL AND WELL LOCATION

POD NUMBER (WELL NUMBER)	OSE FILE NUMBER(S): SJ 3857
WELL OWNER NAME(S): Paul Bandy	PHONE (OPTIONAL)
WELL OWNER MAILING ADDRESS: 388 CR 2900	CITY: Aztec STATE: ~~Aztec~~ NM ZIP: 87410

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	36	54	13.00	N
LONGITUDE	107	57	45.00	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS: Deer Canyon

2. OPTIONAL

(2.5 ACRE)	(10 ACRE)	(40 ACRE)	(160 ACRE)	SECTION	TOWNSHIP	RANGE
¼	¼	¼	¼		☐ NORTH ☐ SOUTH	☐ EAST ☐ WEST

SUBDIVISION NAME	LOT NUMBER	BLOCK NUMBER	UNIT/TRACT

HYDROGRAPHIC SURVEY	MAP NUMBER	TRACT NUMBER

3. DRILLING INFORMATION

LICENSE NUMBER	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD 717	Terry Hood	

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
12/18/08	12/29/08	220	220	60

COMPLETED WELL IS: ☐ ARTESIAN ☐ DRY HOLE ☑ SHALLOW (UNCONFINED) — STATIC WATER LEVEL IN COMPLETED WELL (FT): 60

DRILLING FLUID: ☑ AIR ☐ MUD ☐ ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	CASING MATERIAL	CONNECTION TYPE (CASING)	INSIDE DIA. CASING (IN)	CASING WALL THICKNESS (IN)	SLOT SIZE (IN)
0	220	6 3/4	SDR 17 PVC	Spline	4 1/2		.060

4. WATER BEARING STRATA

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	FORMATION DESCRIPTION OF PRINCIPAL WATER-BEARING STRATA (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	YIELD (GPM)
60	90	30	Sandstone	Moist
170	220	50	Blue Sandstone	4

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA	TOTAL ESTIMATED WELL YIELD (GPM)
	4

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	SJ-3857	POD NUMBER	1	TRN NUMBER	422305
LOCATION	31N.11W.14.123			PAGE 1 OF 2	

5. SEAL AND PUMP

TYPE OF PUMP: ☐ SUBMERSIBLE ☐ JET ☐ NO PUMP – WELL NOT EQUIPPED ☐ TURBINE ☐ CYLINDER ☐ OTHER – SPECIFY:

ANNULAR SEAL AND GRAVEL PACK	DEPTH (FT) FROM	DEPTH (FT) TO	BORE HOLE DIA. (IN)	MATERIAL TYPE AND SIZE	AMOUNT (CUBIC FT)	METHOD OF PLACEMENT
	5	20	9	Cement	4	Tremie

6. GEOLOGIC LOG OF WELL

DEPTH (FT) FROM	DEPTH (FT) TO	THICKNESS (FT)	COLOR AND TYPE OF MATERIAL ENCOUNTERED (INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES)	WATER BEARING?
0	28	28	Sandstone	☐ YES ☐ NO
28	60	32	Sandy Shale	☐ YES ☐ NO
60	90	30	Blue Sandstone	☐ YES ☐ NO
90	105	15	Blue Shale	☐ YES ☐ NO
105	170	65	Sandy Shale	☐ YES ☐ NO
170	220	50	Blue Sandstone	☑ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO
				☐ YES ☐ NO

ATTACH ADDITIONAL PAGES AS NEEDED TO FULLY DESCRIBE THE GEOLOGIC LOG OF THE WELL.

7. TEST & ADDITIONAL INFO

WELL TEST — METHOD: ☐ BAILER ☐ PUMP ☑ AIR LIFT ☐ OTHER - SPECIFY:

TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

ADDITIONAL STATEMENTS OR EXPLANATIONS.

8. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:

SIGNATURE OF DRILLER — DATE: 1/07/09

2009 JAN 8 PM 1:45

FOR OSE INTERNAL USE — WELL RECORD & LOG (Version 6/9/08)

FILE NUMBER	SJ-3857	POD NUMBER	1	TRN NUMBER	
LOCATION	31N.11W.14.123				PAGE 2 OF 2

#1A 30-045-22124

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Inc. Location: Unit D Sec. 12 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced
Lawson #1A

Elevation ____ Completion Date 4-26-93 Total Depth 465' Land Type F

Casing Strings, Sizes, Types & Depths 4/15 Set 99' of 8" PVC Casing.
No Gas, Water, or Boulders were Encountered During Casing.

If Casing Strings are cemented, show amounts & types used Cemented
with 19 Sacks.

If Cement or Bentonite Plugs have been placed, show depths & amounts used
10 Sacks of Cement

Depths & thickness of water zones with description of water: Fresh, Clear,
Salty, Sulphur, Etc. 100' fresh

Depths gas encountered: 480'

Ground bed depth with type & amount of coke breeze used: 465'
7000 lbs 60 Sacks Lovesco type Sw, 20 Sacks Asbury

Depths anodes placed: 450, 440, 425, 415, 405, 395, 385, 375, 365, 350, 340, 300, 290, 280, 210

Depths vent pipes placed: 465'

Vent pipe perforations: Bottom 350'

Remarks:

RECEIVED
JAN 31 1994
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

3618

30-045-22436

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO

Operator Meridian Oil Co. Location: Unit C Sec. 22 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced

Calloway #1A

Elevation ____ Completion Date 4-28-93 Total Depth 392' Land Type P

Casing Strings, Sizes, Types & Depths 12/9 Set 100 of 8" PVC Casing.

NO GAS, WATER, or Boulders were Encountered During CASING

If Casing Strings are cemented, show amounts & types used Cemented

WITH 25 SACKS

If Cement or Bentonite Plugs have been placed, show depths & amounts used

N/A

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 100' fresh

Depths gas encountered: NONE

Ground bed depth with type & amount of coke breeze used: 392'

Depths anodes placed: 375, 350, 340, 330, 300, 290, 275, 265, 255, 230, 180, 165, 145, 135, 125

Depths vent pipes placed: 392'

Vent pipe perforations: Bottom 250'

Remarks:

RECEIVED
JAN 31 1994
OIL CON. DIV.
DIST. 3

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

1X - 30-045-10424
2 - 30-045-20634

GB #1

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit O Sec. 24 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced Ruple #1X and Ruple #2

Elevation 5770' Completion Date 4-27-83 Total Depth 300' Land Type P

Casing Strings, Sizes, Types & Depths 102' of 7" steel casing

If Casing Strings are cemented, show amounts & types used NA

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NA

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 80' & 140', No analysis.

Depths gas encountered: N/A

Ground bed depth with type & amount of coke breeze used: 300' T.D.

2720 pounds metallurgical

Depths anodes placed: 280', 270', 260', 230', 220', 210', 200', 190'

Depths vent pipes placed: TD to 24" above grade

Vent pipe perforations: 300' to 200'

Remarks:

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CORROSION CONTROL CO.

P. O. BOX 179 – PHONE 334-6361
AZTEC, NEW MEXICO 87410

Drilling Log (Attach Hereto): ☐ Completion Date April 27, 1983

Well Name	Location	
Ruple #1-X & Ruple #2	Southland Royalty	
Type & Size Bit Used: 6 1/4"		Work Order No.

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
305	18 hrs	1600#		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	280	270	260	230	220	210	200	190		
Anode Output (Amps)	4.2	4.3	4.3	4.6	4.8	5.0	4.2	4.4		

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.9	Amps 20.4	Ohms .58	3720'	

Remarks: Had to set 102' of 7" casing due to rocks. Water at 80' & 140'. Used 300' of vent pipe. Insulations OK.

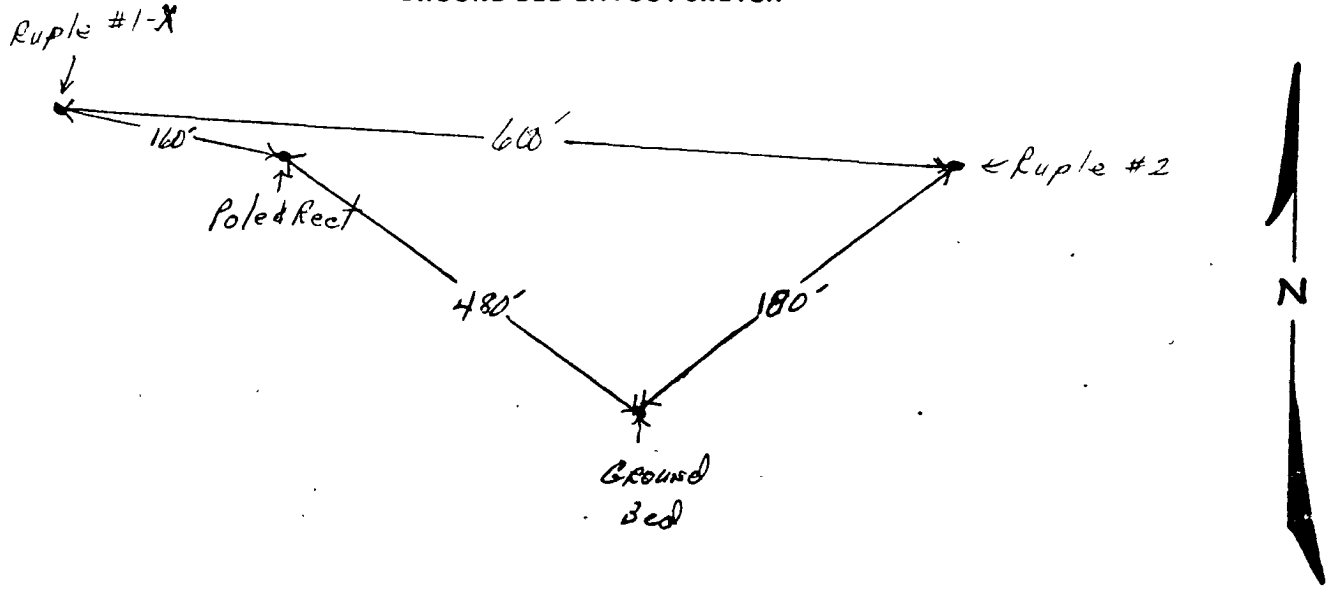
Ruple #1-X -.771v

Ruple #2 -.755v

All Construction Completed

Cody Mumbrea
(Signature)

GROUND BED LAYOUT SKETCH



TURNER 1A 30-045-22106

TURNER 2 30-045-20543

5208

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit M Sec. 24 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced Turner #1A and #2

Elevation 5719' Completion Date 4-28-83 Total Depth 300' Land Type P

Casing Strings, Sizes, Types & Depths 24' of 7" steel casing

If Casing Strings are cemented, show amounts & types used NA

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NA

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 10' . Analysis (2-1-90) attached.

Depths gas encountered: NA

Ground bed depth with type & amount of coke breeze used: 300' T.D.

2,220 pounds metallurgical coke breeze

Depths anodes placed: 250', 230', 220', 210', 200', 190', 180', 165'

Depths vent pipes placed: TD to 24" above grade

Vent pipe perforations: (No information)

Remarks:

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CORROSION CONTROL CO.

P. O. BOX 179 — PHONE 334-6361
AZTEC, NEW MEXICO 87410

Drilling Log (Attach Hereto). ☐ Completion Date April 28, 1983

Well Name	Location	
Turner #1-A & Turner #2	Southland Royalty	
Type & Size Bit Used: 6 3/4"		Work Order No.

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
350'	8 hrs	1600 #		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	260	230	220	210	200	190	180	165		
Anode Output (Amps)	4.1	4.5	4.4	4.4	3.8	3.7	3.6	4.9		

	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Depth										
Anode Output (Amps)										

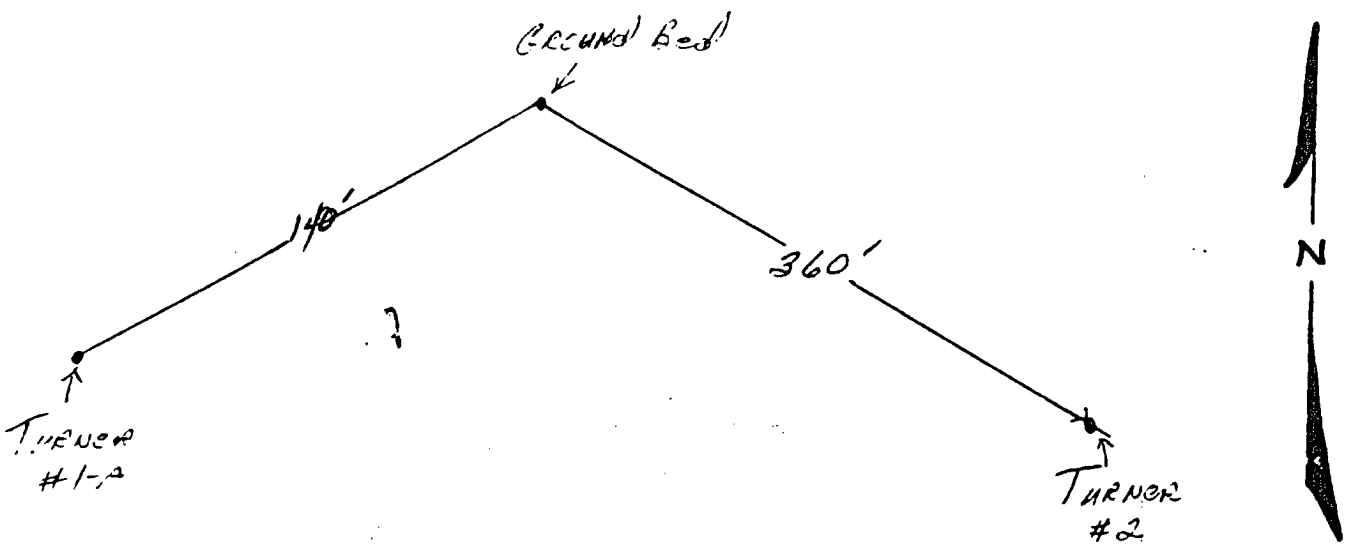
Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 11.9	Amps 20.5	Ohms .58	2220'	

Remarks: Set 25' of 7" casing due to rocks. Water at 10'.
Used 30' of vent pipe.
Insulation OK
Turner #1-A -.791V
Turner #2 -.707V

All Construction Completed

Cody Munkres
(Signature)

GROUND BED LAYOUT SKETCH



API WATER ANALYSIS REPORT FORM

Laboratory No.

Company	Sample No.	Date Sampled
Meridian	1	2-1-90

Field	Legal Description	County or Parish	State
Blanco Mesa Verde	M-24-31-11	SJ	N.M

Lease or Unit	Well	Depth	Formation	Water, B/D
	Jarnes 1-A		Mesa Verde	

Type of Water (Produced, Supply, etc.)	Sampling Point	Sampled By
	11" Cast Pipe	M. D. M.

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	4234	184.9
Calcium, Ca	345	17.2
Magnesium, Mg	44	3.6
Barium, Ba		

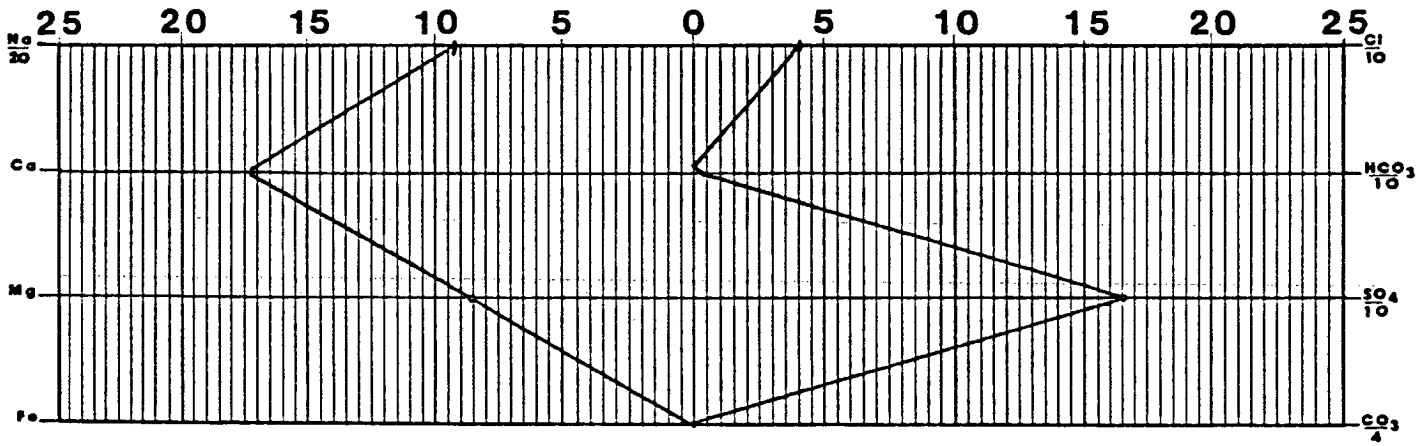
ANIONS		
Chloride, Cl	1420	40.0
Sulfate, So_4	7951	165.7
Carbonate, CO_3	0	0
Bicarbonate, HCO_3	0	0

OTHER PROPERTIES

pH	2.95
Specific Gravity, 60/60 F.	1.008
Resistivity (ohm-meters) 72° F.	.61
Total Dissolved Solids (calc.)	14,000
Iron, Fe (total)	
Sulfide, as H_2S	

REMARKS & RECOMMENDATIONS:

Mark McFarland



Date Received	Preserved	Date Analyzed	Analyzed By
2/1/90		2/2/90	Jacques Hibbert

TECH, Inc.
333 East Main
Farmington
New Mexico
87401
505/327-3311

1A - 30-045-22105
1 - 30-045-20650

DATA SHEET FOR DEEP GROUND BED CATHODIC PROTECTION WELLS
NORTHWESTERN NEW MEXICO

Operator Meridian Oil Location: Unit A Sec. 24 Twp 31 Rng 11

Name of Well/Wells or Pipeline Serviced Ruple #1A and Jensen #1

Elevation 5753 Completion Date 4-26-83 Total Depth 300' Land Type P

Casing Strings, Sizes, Types & Depths 35' of 7" steel casing

If Casing Strings are cemented, show amounts & types used NA

If Cement or Bentonite Plugs have been placed, show depths & amounts used

NA

Depths & thickness of water zones with description of water: Fresh, Clear, Salty, Sulphur, Etc. 30'. No analysis.

Depths gas encountered: NA

Ground bed depth with type & amount of coke breeze used: 300' T.D.

1200 pounds metallurgical coke breeze

Depths anodes placed: 280', 265', 250', 235', 220', 205, 190', 175'

Depths vent pipes placed: TD to 24" above grade

Vent pipe perforations: 300 to 150'

Remarks:

If any of the above data is unavailable, please indicate so. Copies of all logs, including Drillers Log, Water Analyses & Well Bore Schematics should be submitted when available. Unplugged abandoned wells are to be included.

Land Type may be shown: F-Federal; I-Indian; S-State; P-Fee.
If Federal or Indian, add Lease Number.

CORROSION CONTROL CO.

P. O. BOX 179 — PHONE 334-6361
AZTEC, NEW MEXICO 87410

Drilling Log (Attach Hereto). ☐ Completion Date 4-26-83

Well Name	Location	
Ruple #1-A & Jensen #1	Southland	
Type & Size Bit Used: 6 7/8"		Work Order No.

Anode Hole Depth	Total Drilling Rig Time	Total Lbs. Coke Used	Lost Circulation Mat'l Used	No. Sacks Mud Used
300'	10 hrs	1200#		

	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Anode Depth	280	265	250	235	220	205	190	175		
Anode Output (Amps)	3.7	5.3	4.7	4.7	5.1	5.0	4.1	4.1		
Anode Depth	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20
Anode Output (Amps)	#11	#12	#13	#14	#15	#16	#17	#18	#19	#20

Total Circuit Resistance			No. 8 C.P. Cable Used	No. 2 C.P. Cable Used
Volts 12.1	Amps 18.2	Ohms .66	2050'	

Remarks: Set 35' of 4" casing due to rocks. Water at 30'. Used 300' of vent pipe.

Excavation O.K.

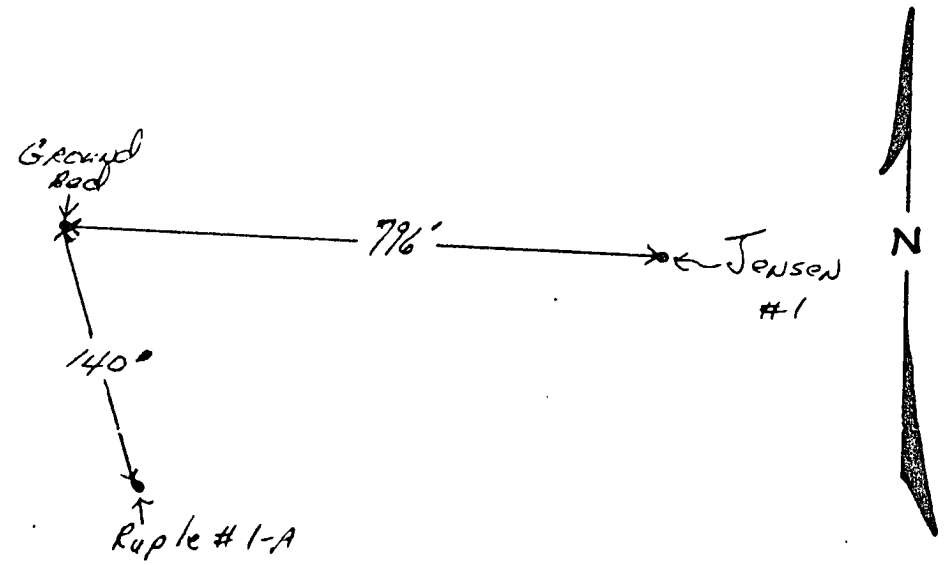
Ruple #1-A -.886V

Jensen #1 -.742V

All Construction Completed

Cody Mumbrew
(Signature)

GROUND BED LAYOUT SKETCH



ENSOLUM

APPENDIX C

Executed C-138 Solid Waste Acceptance Form

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-138
Revised 08/01/11

*Surface Waste Management Facility Operator and Generator shall maintain and make this documentation available for Division inspection.
97057-1125

REQUEST FOR APPROVAL TO ACCEPT SOLID WASTE

1. Generator Name and Address:
Enterprise Field Services, LLC, 614 Reilly Ave, Farmington NM 87401

PayKey:RB21200
PM: Gary Turner
AFE: Pending

2. Originating Site:
Neil Gas Com B#1

3. Location of Material (Street Address, City, State or ULSTR):
UL M Section 14 T31N R11W; 36.894760, -107.966730

Nov 2023

4. Source and Description of Waste:
Source: Remediation activities associated with a natural gas pipeline leak.
Description: Hydrocarbon/Condensate impacted soil associated natural gas pipeline release.
Estimated Volume 50 yd^3 / bbls Known Volume (to be entered by the operator at the end of the haul) 332/91 yd^3 / bbls

5. GENERATOR CERTIFICATION STATEMENT OF WASTE STATUS

I, Thomas Long Thomas Long , representative or authorized agent for Enterprise Products Operating do hereby
Generator Signature
certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: (Check the appropriate classification)

☒ RCRA Exempt: Oil field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste. ***Operator Use Only: Waste Acceptance Frequency*** ☐ ***Monthly*** ☐ ***Weekly*** ☐ ***Per Load***

☐ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items)

☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Process Knowledge ☐ Other (Provide description in Box 4)

GENERATOR 19.15.36.15 WASTE TESTING CERTIFICATION STATEMENT FOR LANDFARMS

I, Thomas Long Thomas Long 11-1-2023, representative for Enterprise Products Operating authorizes Envirotech, Inc. to complete
Generator Signature
the required testing/sign the Generator Waste Testing Certification.

I, Greg Crabtree, representative for Envirotech, Inc. do hereby certify that representative samples of the oil field waste have been subjected to the paint filter test and tested for chloride content and that the samples have been found to conform to the specific requirements applicable to landfarms pursuant to Section 15 of 19.15.36 NMAC. The results of the representative samples are attached to demonstrate the above-described waste conform to the requirements of Section 15 of 19.15.36 NMAC.

5. Transporter: West States Energy Contractors/Riley Industrial

OCD Permitted Surface Waste Management Facility

Name and Facility Permit #: **Envirotech Inc. Soil Remediation Facility * Permit #: NM 01-0011**
Address of Facility: **Hilltop, NM**
Method of Treatment and/or Disposal:
☐ Evaporation ☐ Injection ☐ Treating Plant ☒ Landfarm ☐ Landfill ☐ Other

Waste Acceptance Status:

☒ **APPROVED** ☐ **DENIED** (Must Be Maintained As Permanent Record)

PRINT NAME: Greg Crabtree TITLE: Enviro Manager DATE: 11/1/23
SIGNATURE: TELEPHONE NO.:
Surface Waste Management Facility Authorized Agent 505-632-0615

ENSOLUM

APPENDIX D

Photographic Documentation

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Ensolum Project No. 05A1226293

ENSOLUM

Photograph 1 Photograph Description: View of the in-process excavation activities (first excavation).	
Photograph 2 Photograph Description: View of the in-process excavation activities (first excavation).	
Photograph 3 Photograph Description: View of the in-process excavation activities (first excavation).	

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Ensolum Project No. 05A1226293

ENSOLUM

Photograph 4 Photograph Description: View of the in-process excavation activities (first excavation).	
Photograph 5 Photograph Description: View of the final excavation (first excavation).	
Photograph 6 Photograph Description: View of the in-process excavation activities (second excavation).	

SITE PHOTOGRAPHS

Closure Report
Enterprise Field Services, LLC
Neil Gas Com B#1 (11/06/23)
Ensolum Project No. 05A1226293

ENSOLUM

Photograph 7 Photograph Description: View of the final excavation (second excavation).	
Photograph 8 Photograph Description: View of the site after initial restoration (first excavation).	
Photograph 9 Photograph Description: View of the site after initial restoration (second excavation).	

ENSOLUM

APPENDIX E

Regulatory Correspondence

From: Kyle Summers
To: Chad D"Aponti; Ranee Deechilly
Subject: FW: [EXTERNAL] Neil Gas Com B#1 - UL L Section 14 T31N R11W; 36.89484, -107.96675; NMOCD Incident # nAPP2331047418
Date: Wednesday, November 8, 2023 2:47:57 PM
Attachments: image002.png
image004.png
image005.png
image006.png

Kyle Summers
Principal
903-821-5603
Ensolum, LLC

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Wednesday, November 8, 2023 1:07 PM
To: Long, Thomas <tjlong@eprod.com>; Craun, James N <jcraun@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: Re: [EXTERNAL] Neil Gas Com B#1 - UL L Section 14 T31N R11W; 36.89484, -107.96675; NMOCD Incident # nAPP2331047418

[**EXTERNAL EMAIL**]

Good afternoon Tom,

Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

Regards,

Nelson Velez ● Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Long, Thomas <tjlong@eprod.com>
Sent: Wednesday, November 8, 2023 1:04 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Craun, James N <jcraun@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: RE: [EXTERNAL] Neil Gas Com B#1 - UL L Section 14 T31N R11W; 36.89484, -107.96675; NMOCD Incident # nAPP2331047418

Nelson/James,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48-hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect additional closure samples on Thursday, November 9, 2023 at 9:00 a.m.

Please acknowledge acceptance of this variance request.

If you have any questions, please call or email.

Thomas J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401
505-599-2286 (office)
505-215-4727 (Cell)
tjlong@eprod.com

Enterprise Products

From: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Sent: Tuesday, November 7, 2023 8:23 AM
To: Long, Thomas <tjlong@eprod.com>; Craun, James N <jcraun@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: Re: [EXTERNAL] Neil Gas Com B#1 - UL L Section 14 T31N R11W; 36.89484, -107.96675; NMOCD Incident # nAPP2331047418

[Use caution with links/attachments]

Good morning Tom,

Thank you for the notice. Your variance request specifically addressing 19.15.29.12D (1a) NMAC is approved.

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC or from an OCD pre-approved sampling plan. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez • Environmental Specialist - Adv

Environmental Bureau | EMNRD - Oil Conservation Division

1000 Rio Brazos Road | Aztec, NM 87410

(505) 469-6146 | nelson.velez@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Long, Thomas <tjlong@eprod.com>
Sent: Tuesday, November 7, 2023 8:19 AM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>; Craun, James N <jcraun@blm.gov>
Cc: Stone, Brian <bmstone@eprod.com>; Kyle Summers <ksummers@ensolum.com>
Subject: [EXTERNAL] Neil Gas Com B#1 - UL L Section 14 T31N R11W; 36.89484, -107.96675; NMOCD Incident # nAPP2331047418

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson/James,

This email is a notification and a variance request. Enterprise is requesting a variance for required 48-hour notification per 19.15.29.12D (1a) NMAC. Enterprise would like to collect closure samples on Wednesday, November 8, 2023 at 9:00 a.m.

Please acknowledge acceptance of this variance request.

If you have any questions, please call or email.

Thomas J. Long
Senior Environmental Scientist
Enterprise Products Company
614 Reilly Ave.
Farmington, New Mexico 87401
505-599-2286 (office)
505-215-4727 (Cell)
tjlong@eprod.com

Enterprise Products

ENSOLUM

APPENDIX F

Table 1 – Soil Analytical Summary

ENSOLUM

TABLE 1
Neil Gas Com B#1 (11/06/23)
SOIL ANALYTICAL SUMMARY

Sample I.D.	Date	Sample Type C- Composite G - Grab	Sample Depth (feet)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Total BTEX[1] (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH MRO (mg/kg)	Total Combined TPH (GRO/DRO/MRO)[1] (mg/kg)	Chloride (mg/kg)
New Mexico Energy, Mineral & Natural Resources Department Oil Conservation Division Closure Criteria (Tier I)				10	NE	NE	NE	50	NE	NE	NE	100	600
Excavation #1 Composite Soil Samples													
Ex1-1	11.9.23	C	14	<0.023	<0.047	<0.047	0.20	0.20	<4.7	<9.9	<49	ND	<60
Ex1-2	11.9.23	C	14	<0.020	<0.040	<0.040	0.19	0.19	<4.0	<9.1	<46	ND	<60
Ex1-3	11.9.23	C	0 to 14	<0.019	<0.039	<0.039	0.17	0.17	<3.9	<9.8	<49	ND	<60
Ex1-4	11.9.23	C	0 to 14	<0.018	<0.036	<0.036	0.14	0.14	<3.6	<9.4	<47	ND	<60
Ex1-5	11.9.23	C	0 to 14	<0.021	<0.043	<0.043	0.15	0.15	<4.3	<9.9	<50	ND	<60
Ex1-6	11.9.23	C	0 to 14	<0.017	<0.034	<0.034	0.29	0.29	<3.4	<9.5	<48	ND	<60
Ex1-7	11.9.23	C	0 to 14	<0.019	<0.038	<0.038	0.17	0.17	<3.8	<9.5	<48	ND	<60
Ex1-8	11.9.23	C	0 to 14	<0.021	<0.041	<0.041	0.15	0.15	<4.1	<9.4	<47	ND	<60
Excavation #2 Composite Soil Samples													
Ex2-1	11.8.23	C	0 to 5	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.9	<49	ND	<60
Ex2-2	11.8.23	C	0 to 5	<0.019	<0.039	<0.039	<0.077	ND	<3.9	<9.9	<49	ND	<60
Ex2-3	11.8.23	C	0 to 5	<0.018	<0.035	<0.035	<0.070	ND	<3.5	11	<49	11	<60
Ex2-4	11.8.23	C	0 to 5	<0.021	<0.043	<0.043	<0.085	ND	<4.3	11	<49	11	<60
Ex2-5	11.8.23	C	5	<0.018	<0.036	<0.036	<0.071	ND	<3.6	14	<49	14	<60

[1] = Total combined concentrations are rounded to two (2) significant figures to match the laboratory resolution of the individual constituents.

ND = Not Detected above the Practical Quantitation Limits (PQLs) or Reporting Limits (RLs)

NA = Not Analyzed

NE = Not established

mg/kg = milligrams per kilogram

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

DRO = Diesel Range Organics

MRO = Motor Oil/Lube Oil Range Organics

ENSOLUM

APPENDIX G

Laboratory Data Sheets & Chain of Custody Documentation

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 15, 2023

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: Neil Gas Com B 1 OrderNo.: 2311448

Dear Kyle Summers:

Eurofins Environment Testing South Central, LLC received 5 sample(s) on 11/9/2023 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 do not hesitate to contact Eurofins Albuquerque 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 **2311448**
Date Reported: **11/15/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex2-1
Project: Neil Gas Com B 1 **Collection Date:** 11/8/2023 9:00:00 AM
Lab ID: 2311448-001 **Matrix:** MEOH (SOIL) **Received Date:** 11/9/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	11/9/2023 1:22:26 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 11:58:35 AM	78669
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 11:58:35 AM	78669
Surr: DNOP	100	69-147		%Rec	1	11/9/2023 11:58:35 AM	78669
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/9/2023 1:19:00 PM	R101076
Surr: BFB	104	15-244		%Rec	1	11/9/2023 1:19:00 PM	R101076
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.019		mg/Kg	1	11/9/2023 1:19:00 PM	BS10107
Toluene	ND	0.039		mg/Kg	1	11/9/2023 1:19:00 PM	BS10107
Ethylbenzene	ND	0.039		mg/Kg	1	11/9/2023 1:19:00 PM	BS10107
Xylenes, Total	ND	0.077		mg/Kg	1	11/9/2023 1:19:00 PM	BS10107
Surr: 4-Bromofluorobenzene	87.1	39.1-146		%Rec	1	11/9/2023 1:19:00 PM	BS10107

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311448**
Date Reported: **11/15/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex2-2
Project: Neil Gas Com B 1 **Collection Date:** 11/8/2023 9:05:00 AM
Lab ID: 2311448-002 **Matrix:** MEOH (SOIL) **Received Date:** 11/9/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	11/9/2023 1:34:50 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/9/2023 12:09:07 PM	78669
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 12:09:07 PM	78669
Surr: DNOP	97.4	69-147		%Rec	1	11/9/2023 12:09:07 PM	78669
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/9/2023 1:41:00 PM	R101076
Surr: BFB	103	15-244		%Rec	1	11/9/2023 1:41:00 PM	R101076
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.019		mg/Kg	1	11/9/2023 1:41:00 PM	BS10107
Toluene	ND	0.039		mg/Kg	1	11/9/2023 1:41:00 PM	BS10107
Ethylbenzene	ND	0.039		mg/Kg	1	11/9/2023 1:41:00 PM	BS10107
Xylenes, Total	ND	0.077		mg/Kg	1	11/9/2023 1:41:00 PM	BS10107
Surr: 4-Bromofluorobenzene	86.7	39.1-146		%Rec	1	11/9/2023 1:41:00 PM	BS10107

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311448**
Date Reported: **11/15/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex2-3
Project: Neil Gas Com B 1 **Collection Date:** 11/8/2023 9:10:00 AM
Lab ID: 2311448-003 **Matrix:** MEOH (SOIL) **Received Date:** 11/9/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	11/9/2023 1:47:15 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	11	9.9		mg/Kg	1	11/9/2023 12:19:42 PM	78669
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 12:19:42 PM	78669
Surr: DNOP	97.7	69-147		%Rec	1	11/9/2023 12:19:42 PM	78669
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.5		mg/Kg	1	11/9/2023 2:02:00 PM	R101076
Surr: BFB	104	15-244		%Rec	1	11/9/2023 2:02:00 PM	R101076
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.018		mg/Kg	1	11/9/2023 2:02:00 PM	BS10107
Toluene	ND	0.035		mg/Kg	1	11/9/2023 2:02:00 PM	BS10107
Ethylbenzene	ND	0.035		mg/Kg	1	11/9/2023 2:02:00 PM	BS10107
Xylenes, Total	ND	0.070		mg/Kg	1	11/9/2023 2:02:00 PM	BS10107
Surr: 4-Bromofluorobenzene	83.3	39.1-146		%Rec	1	11/9/2023 2:02:00 PM	BS10107

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311448**
Date Reported: **11/15/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex2-4
Project: Neil Gas Com B 1 **Collection Date:** 11/8/2023 9:15:00 AM
Lab ID: 2311448-004 **Matrix:** MEOH (SOIL) **Received Date:** 11/9/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	11/9/2023 1:59:39 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	11	9.8		mg/Kg	1	11/9/2023 12:30:16 PM	78669
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 12:30:16 PM	78669
Surr: DNOP	94.3	69-147		%Rec	1	11/9/2023 12:30:16 PM	78669
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/9/2023 2:24:00 PM	R101076
Surr: BFB	104	15-244		%Rec	1	11/9/2023 2:24:00 PM	R101076
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.021		mg/Kg	1	11/9/2023 2:24:00 PM	BS10107
Toluene	ND	0.043		mg/Kg	1	11/9/2023 2:24:00 PM	BS10107
Ethylbenzene	ND	0.043		mg/Kg	1	11/9/2023 2:24:00 PM	BS10107
Xylenes, Total	ND	0.085		mg/Kg	1	11/9/2023 2:24:00 PM	BS10107
Surr: 4-Bromofluorobenzene	84.6	39.1-146		%Rec	1	11/9/2023 2:24:00 PM	BS10107

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311448**
Date Reported: **11/15/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex2-5
Project: Neil Gas Com B 1 **Collection Date:** 11/8/2023 9:20:00 AM
Lab ID: 2311448-005 **Matrix:** MEOH (SOIL) **Received Date:** 11/9/2023 7:10:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **RBC**	
Chloride	ND	60		mg/Kg	20	11/9/2023 2:12:04 PM	78677
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **DGH**	
Diesel Range Organics (DRO)	14	9.8		mg/Kg	1	11/9/2023 12:40:54 PM	78669
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/9/2023 12:40:54 PM	78669
Surr: DNOP	126	69-147		%Rec	1	11/9/2023 12:40:54 PM	78669
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **KMN**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/9/2023 2:46:00 PM	R101076
Surr: BFB	101	15-244		%Rec	1	11/9/2023 2:46:00 PM	R101076
EPA METHOD 8021B: VOLATILES						Analyst: **KMN**	
Benzene	ND	0.018		mg/Kg	1	11/9/2023 2:46:00 PM	BS10107
Toluene	ND	0.036		mg/Kg	1	11/9/2023 2:46:00 PM	BS10107
Ethylbenzene	ND	0.036		mg/Kg	1	11/9/2023 2:46:00 PM	BS10107
Xylenes, Total	ND	0.071		mg/Kg	1	11/9/2023 2:46:00 PM	BS10107
Surr: 4-Bromofluorobenzene	82.9	39.1-146		%Rec	1	11/9/2023 2:46:00 PM	BS10107

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311448**

15-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **MB-78677**	SampType: **MBLK**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **78677**	RunNo: **101073**
Prep Date: **11/9/2023**	Analysis Date: **11/9/2023**	SeqNo: **3711665** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-78677**	SampType: **LCS**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **78677**	RunNo: **101073**
Prep Date: **11/9/2023**	Analysis Date: **11/9/2023**	SeqNo: **3711666** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	92.0	90	110			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311448**

15-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **LCS-78669**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **78669**	RunNo: **101077**
Prep Date: **11/9/2023**	Analysis Date: **11/9/2023**	SeqNo: **3710901** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	45	10	50.00	0	90.7	61.9	130			
Surr: DNOP	5.1		5.000		101	69	147			

Sample ID: **MB-78669**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **78669**	RunNo: **101077**
Prep Date: **11/9/2023**	Analysis Date: **11/9/2023**	SeqNo: **3710903** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.9		10.00		98.9	69	147			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311448**

15-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R101076**	RunNo: **101076**
Prep Date:	Analysis Date: **11/9/2023**	SeqNo: **3710851** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	24	5.0	25.00	0	95.4	70	130			
Surr: BFB	2200		1000		219	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R101076**	RunNo: **101076**
Prep Date:	Analysis Date: **11/9/2023**	SeqNo: **3710852** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1000		1000		104	15	244			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311448**

15-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **BS101076**	RunNo: **101076**
Prep Date:	Analysis Date: **11/9/2023**	SeqNo: **3710864** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.83	0.025	1.000	0	82.6	70	130			
Toluene	0.84	0.050	1.000	0	83.8	70	130			
Ethylbenzene	0.86	0.050	1.000	0	85.5	70	130			
Xylenes, Total	2.5	0.10	3.000	0	85.0	70	130			
Surr: 4-Bromofluorobenzene	0.92		1.000		91.7	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **BS101076**	RunNo: **101076**
Prep Date:	Analysis Date: **11/9/2023**	SeqNo: **3710865** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.87		1.000		86.6	39.1	146			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
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: ENSOLUM Work Order Number: 2311448 RcptNo: 1

Received By: Juan Rojas 11/9/2023 7:10:00 AM

Completed By: Tracy Casarrubias 11/9/2023 7:34:06 AM

Reviewed By: DAD 11/9/23

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. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
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: TMC 11/9/23

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: Phone number and Email/Fax are missing on COC- TMC 11/9/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.0	Good	Yes	Yogi		
2	4.7	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Ensolum LLC

Mailing Address: 606 S Rio Grande Suite A 87410

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☒ Rush 11-9-23

Project Name: Neil Gas Com B #1

Project #:

Project Manager: K Summers

Sampler: C DAponti

On Ice: ☐ Yes ☐ No

# of Coolers: 2

Cooler Temp(including CF): 2.9+0.1=3.0(°C) 4.6+0.1=4.7

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. 231148	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, NO3, NO2, PO4, SO4	8260 (VOA)	8270 (Semi-VOA)	Total Coliform (Present/Absent)
11/8	900	S	Ex2-1	1 4oz Jar	Cool	001	✓	✓					✓			
11/8	905	S	Ex2-2		Cool	002	✓	✓					✓			
11/8	910	S	Ex2-3		Cool	003	✓	✓					✓			
11/8	915	S	Ex2-4		Cool	004	✓	✓					✓			
11/8	920	S	Ex2-5		Cool	005	✓	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/8/23	1425				11/8/23	1425
11/8/23	1444				11/8/23	1444

Remarks: Tom Long
AB 21200
Same Day

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.

eurofins | Environment Testing

Eurofins Environment Testing South Central, LLC
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 17, 2023

Kyle Summers
ENSOLUM
606 S. Rio Grande Suite A
Aztec, NM 87410
TEL: (903) 821-5603
FAX:

RE: Neil Gas Com B 1 OrderNo.: 2311558

Dear Kyle Summers:

Eurofins Environment Testing South Central, LLC received 8 sample(s) on 11/10/2023 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 do not hesitate to contact Eurofins Albuquerque 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

Hall Environmental Analysis Laboratory, Inc.

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

CLIENT: ENSOLUM **Client Sample ID:** Ex1-1
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:00:00 AM
Lab ID: 2311558-001 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 10:50:25 AM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/10/2023 9:09:44 AM	78699
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/10/2023 9:09:44 AM	78699
Surr: DNOP	94.3	69-147		%Rec	1	11/10/2023 9:09:44 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	11/10/2023 12:06:00 PM	R101095
Surr: BFB	111	15-244		%Rec	1	11/10/2023 12:06:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.023		mg/Kg	1	11/10/2023 12:06:00 PM	BS10109
Toluene	ND	0.047		mg/Kg	1	11/10/2023 12:06:00 PM	BS10109
Ethylbenzene	ND	0.047		mg/Kg	1	11/10/2023 12:06:00 PM	BS10109
Xylenes, Total	0.20	0.093		mg/Kg	1	11/10/2023 12:06:00 PM	BS10109
Surr: 4-Bromofluorobenzene	97.2	39.1-146		%Rec	1	11/10/2023 12:06:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-2
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:05:00 AM
Lab ID: 2311558-002 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 11:31:18 AM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.1		mg/Kg	1	11/10/2023 9:20:30 AM	78699
Motor Oil Range Organics (MRO)	ND	46		mg/Kg	1	11/10/2023 9:20:30 AM	78699
Surr: DNOP	95.1	69-147		%Rec	1	11/10/2023 9:20:30 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.0		mg/Kg	1	11/10/2023 12:27:00 PM	R101095
Surr: BFB	108	15-244		%Rec	1	11/10/2023 12:27:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.020		mg/Kg	1	11/10/2023 12:27:00 PM	BS10109
Toluene	ND	0.040		mg/Kg	1	11/10/2023 12:27:00 PM	BS10109
Ethylbenzene	ND	0.040		mg/Kg	1	11/10/2023 12:27:00 PM	BS10109
Xylenes, Total	0.19	0.080		mg/Kg	1	11/10/2023 12:27:00 PM	BS10109
Surr: 4-Bromofluorobenzene	101	39.1-146		%Rec	1	11/10/2023 12:27:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-3
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:10:00 AM
Lab ID: 2311558-003 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 11:43:43 AM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.8		mg/Kg	1	11/10/2023 9:31:14 AM	78699
Motor Oil Range Organics (MRO)	ND	49		mg/Kg	1	11/10/2023 9:31:14 AM	78699
Surr: DNOP	104	69-147		%Rec	1	11/10/2023 9:31:14 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	3.9		mg/Kg	1	11/10/2023 12:49:00 PM	R101095
Surr: BFB	103	15-244		%Rec	1	11/10/2023 12:49:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.019		mg/Kg	1	11/10/2023 12:49:00 PM	BS10109
Toluene	ND	0.039		mg/Kg	1	11/10/2023 12:49:00 PM	BS10109
Ethylbenzene	ND	0.039		mg/Kg	1	11/10/2023 12:49:00 PM	BS10109
Xylenes, Total	0.17	0.078		mg/Kg	1	11/10/2023 12:49:00 PM	BS10109
Surr: 4-Bromofluorobenzene	97.0	39.1-146		%Rec	1	11/10/2023 12:49:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-4
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:15:00 AM
Lab ID: 2311558-004 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 11:56:07 AM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/10/2023 9:41:56 AM	78699
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/10/2023 9:41:56 AM	78699
Surr: DNOP	95.2	69-147		%Rec	1	11/10/2023 9:41:56 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	3.6		mg/Kg	1	11/10/2023 1:11:00 PM	R101095
Surr: BFB	106	15-244		%Rec	1	11/10/2023 1:11:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.018		mg/Kg	1	11/10/2023 1:11:00 PM	BS10109
Toluene	ND	0.036		mg/Kg	1	11/10/2023 1:11:00 PM	BS10109
Ethylbenzene	ND	0.036		mg/Kg	1	11/10/2023 1:11:00 PM	BS10109
Xylenes, Total	0.14	0.072		mg/Kg	1	11/10/2023 1:11:00 PM	BS10109
Surr: 4-Bromofluorobenzene	99.3	39.1-146		%Rec	1	11/10/2023 1:11:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-5
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:20:00 AM
Lab ID: 2311558-005 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 12:08:32 PM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.9		mg/Kg	1	11/10/2023 9:52:36 AM	78699
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	11/10/2023 9:52:36 AM	78699
Surr: DNOP	99.2	69-147		%Rec	1	11/10/2023 9:52:36 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.3		mg/Kg	1	11/10/2023 1:33:00 PM	R101095
Surr: BFB	108	15-244		%Rec	1	11/10/2023 1:33:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.021		mg/Kg	1	11/10/2023 1:33:00 PM	BS10109
Toluene	ND	0.043		mg/Kg	1	11/10/2023 1:33:00 PM	BS10109
Ethylbenzene	ND	0.043		mg/Kg	1	11/10/2023 1:33:00 PM	BS10109
Xylenes, Total	0.15	0.086		mg/Kg	1	11/10/2023 1:33:00 PM	BS10109
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	11/10/2023 1:33:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-6
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:25:00 AM
Lab ID: 2311558-006 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 12:20:57 PM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/10/2023 10:03:16 AM	78699
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/10/2023 10:03:16 AM	78699
Surr: DNOP	98.9	69-147		%Rec	1	11/10/2023 10:03:16 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	3.4		mg/Kg	1	11/10/2023 1:54:00 PM	R101095
Surr: BFB	113	15-244		%Rec	1	11/10/2023 1:54:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.017		mg/Kg	1	11/10/2023 1:54:00 PM	BS10109
Toluene	ND	0.034		mg/Kg	1	11/10/2023 1:54:00 PM	BS10109
Ethylbenzene	ND	0.034		mg/Kg	1	11/10/2023 1:54:00 PM	BS10109
Xylenes, Total	0.29	0.068		mg/Kg	1	11/10/2023 1:54:00 PM	BS10109
Surr: 4-Bromofluorobenzene	103	39.1-146		%Rec	1	11/10/2023 1:54:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-7
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:30:00 AM
Lab ID: 2311558-007 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 12:33:22 PM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.5		mg/Kg	1	11/10/2023 10:13:55 AM	78699
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	11/10/2023 10:13:55 AM	78699
Surr: DNOP	96.5	69-147		%Rec	1	11/10/2023 10:13:55 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	3.8		mg/Kg	1	11/10/2023 2:16:00 PM	R101095
Surr: BFB	103	15-244		%Rec	1	11/10/2023 2:16:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.019		mg/Kg	1	11/10/2023 2:16:00 PM	BS10109
Toluene	ND	0.038		mg/Kg	1	11/10/2023 2:16:00 PM	BS10109
Ethylbenzene	ND	0.038		mg/Kg	1	11/10/2023 2:16:00 PM	BS10109
Xylenes, Total	0.17	0.076		mg/Kg	1	11/10/2023 2:16:00 PM	BS10109
Surr: 4-Bromofluorobenzene	96.7	39.1-146		%Rec	1	11/10/2023 2:16:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

Analytical Report
Lab Order **2311558**
Date Reported: **11/17/2023**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: ENSOLUM **Client Sample ID:** Ex1-8
Project: Neil Gas Com B 1 **Collection Date:** 11/9/2023 10:35:00 AM
Lab ID: 2311558-008 **Matrix:** MEOH (SOIL) **Received Date:** 11/10/2023 7:00:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 300.0: ANIONS						Analyst: **JMT**	
Chloride	ND	60		mg/Kg	20	11/10/2023 12:45:47 PM	78702
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **mb**	
Diesel Range Organics (DRO)	ND	9.4		mg/Kg	1	11/10/2023 10:24:34 AM	78699
Motor Oil Range Organics (MRO)	ND	47		mg/Kg	1	11/10/2023 10:24:34 AM	78699
Surr: DNOP	108	69-147		%Rec	1	11/10/2023 10:24:34 AM	78699
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **RAA**	
Gasoline Range Organics (GRO)	ND	4.1		mg/Kg	1	11/10/2023 2:38:00 PM	R101095
Surr: BFB	110	15-244		%Rec	1	11/10/2023 2:38:00 PM	R101095
EPA METHOD 8021B: VOLATILES						Analyst: **RAA**	
Benzene	ND	0.021		mg/Kg	1	11/10/2023 2:38:00 PM	BS10109
Toluene	ND	0.041		mg/Kg	1	11/10/2023 2:38:00 PM	BS10109
Ethylbenzene	ND	0.041		mg/Kg	1	11/10/2023 2:38:00 PM	BS10109
Xylenes, Total	0.15	0.082		mg/Kg	1	11/10/2023 2:38:00 PM	BS10109
Surr: 4-Bromofluorobenzene	98.4	39.1-146		%Rec	1	11/10/2023 2:38:00 PM	BS10109

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311558**

17-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **MB-78702**	SampType: **mblk**	TestCode: **EPA Method 300.0: Anions**
Client ID: **PBS**	Batch ID: **78702**	RunNo: **101104**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3714347** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	ND	1.5								

Sample ID: **LCS-78702**	SampType: **lcs**	TestCode: **EPA Method 300.0: Anions**
Client ID: **LCSS**	Batch ID: **78702**	RunNo: **101104**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3714348** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloride	14	1.5	15.00	0	96.6	90	110			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311558**

17-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **LCS-78699**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **78699**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3711624** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	10	50.00	0	87.7	61.9	130			
Surr: DNOP	4.7		5.000		93.4	69	147			

Sample ID: **MB-78699**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **78699**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3711626** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	9.6		10.00		96.3	69	147			

Sample ID: **2311558-001AMS**	SampType: **MS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **Ex1-1**	Batch ID: **78699**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3712605** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	44	9.7	48.36	0	91.2	54.2	135			
Surr: DNOP	4.8		4.836		99.7	69	147			

Sample ID: **2311558-001AMSD**	SampType: **MSD**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **Ex1-1**	Batch ID: **78699**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/10/2023**	SeqNo: **3712606** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	46	9.6	47.98	0	95.9	54.2	135	4.21	29.2	
Surr: DNOP	4.9		4.798		101	69	147	0	0	

Sample ID: **LCS-78701**	SampType: **LCS**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **LCSS**	Batch ID: **78701**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/11/2023**	SeqNo: **3713386** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	4.8		5.000		96.9	69	147			

Sample ID: **MB-78701**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **78701**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/11/2023**	SeqNo: **3713388** Units: **%Rec**

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311558**

17-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **MB-78701**	SampType: **MBLK**	TestCode: **EPA Method 8015M/D: Diesel Range Organics**
Client ID: **PBS**	Batch ID: **78701**	RunNo: **101089**
Prep Date: **11/10/2023**	Analysis Date: **11/11/2023**	SeqNo: **3713388** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: DNOP	10		10.00		101	69	147			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311558**

17-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **2.5ug gro lcs**	SampType: **LCS**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **LCSS**	Batch ID: **R101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3712131** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	23	5.0	25.00	0	93.2	70	130			
Surr: BFB	2200		1000		222	15	244			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8015D: Gasoline Range**
Client ID: **PBS**	Batch ID: **R101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3712132** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	1100		1000		106	15	244			

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 standard limits. If undiluted results may be estimated.
B	Analyte detected in the associated Method Blank
E	Above Quantitation Range/Estimated Value
J	Analyte detected below quantitation limits
P	Sample pH Not In Range
RL	Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **2311558**

17-Nov-23

Client: ENSOLUM

Project: Neil Gas Com B 1

Sample ID: **100ng btex lcs**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **BS101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3712135** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.97	0.025	1.000	0	96.6	70	130			
Toluene	0.97	0.050	1.000	0	97.4	70	130			
Ethylbenzene	1.0	0.050	1.000	0	99.9	70	130			
Xylenes, Total	3.0	0.10	3.000	0	99.5	70	130			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	39.1	146			

Sample ID: **mb**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **BS101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3712136** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	0.99		1.000		98.8	39.1	146			

Sample ID: **2311558-001ams**	SampType: **MS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **Ex1-1**	Batch ID: **BS101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3713300** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.86	0.023	0.9311	0	92.2	70	130			
Toluene	0.88	0.047	0.9311	0.03424	91.0	70	130			
Ethylbenzene	0.90	0.047	0.9311	0.01718	95.0	70	130			
Xylenes, Total	2.8	0.093	2.793	0.2021	93.4	70	130			
Surr: 4-Bromofluorobenzene	0.94		0.9311		101	39.1	146			

Sample ID: **2311558-001amsd**	SampType: **MSD**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **Ex1-1**	Batch ID: **BS101095**	RunNo: **101095**
Prep Date:	Analysis Date: **11/10/2023**	SeqNo: **3713301** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.85	0.023	0.9311	0	91.4	70	130	0.844	20	
Toluene	0.87	0.047	0.9311	0.03424	89.6	70	130	1.50	20	
Ethylbenzene	0.88	0.047	0.9311	0.01718	93.1	70	130	1.96	20	
Xylenes, Total	2.8	0.093	2.793	0.2021	93.1	70	130	0.376	20	
Surr: 4-Bromofluorobenzene	0.91		0.9311		97.4	39.1	146	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Above Quantitation Range/Estimated Value
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
PQL	Practical Quanitative Limit	RL	Reporting Limit
S	% Recovery outside of standard limits. If undiluted results may be estimated.		

eurofins | Environment Testin

Eurofins Environment Testing South Central, LLC
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: ENSOLUM | Work Order Number: 2311558 | RcptNo: 1

Received By: Juan Rojas | 11/10/2023 7:00:00 AM

Completed By: Tracy Casarrubias | 11/10/2023 7:17:49 AM

Reviewed By: CJR 11-10-23

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. Received at least 1 vial with headspace <1/4" for AQ VOA?	Yes ☐	No ☐	NA ☑
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: TMH 11/10/23

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: Phone number and Email/Fax are missing on COC- TMC 11/10/23

16. Additional remarks:

17. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	0.4	Good	Yes	Yogi		

Chain-of-Custody Record

Client: Ensolum, LLC.

Mailing Address: 606 S Rio Grande Suit A 87410

Phone #:

email or Fax#:

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

Accreditation: ☐ Az Compliance
☐ NELAC ☐ Other

☐ EDD (Type)

Turn-Around Time: 100%
☐ Standard ☑ Rush 11-10-23

Project Name: Neil Gas Com B #1

Project #:

Project Manager: K Summers

Sampler: C DiAponti

On Ice: ☑ Yes ☐ No

# of Coolers: 1 4oz

Cooler Temp(including CF): 0.3+0.1=0.4 (°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. 2311558	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)
11-9	1000	S	Ex1-1	1 4oz jar	Cool	001	✓	✓					✓			
11/9	1005	S	Ex1-2		Cool	002	✓	✓					✓			
11/9	1010	S	Ex1-3		Cool	003	✓	✓					✓			
11/9	1015	S	Ex1-4		Cool	004	✓	✓					✓			
11/9	1020	S	Ex1-5		Cool	005	✓	✓					✓			
11/9	1025	S	Ex1-6		Cool	006	✓	✓					✓			
11/9	1030	S	Ex1-7		Cool	007	✓	✓					✓			
11/9	1035	S	Ex1-8		Cool	008	✓	✓					✓			

Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time
11/9/23	1337				11/9/23	1337
11/9/23	1806			courier	11/10/23	7:00

Remarks: Tom Long

Same Day

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.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 325116

QUESTIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2331047418**
Incident Name	**NAPP2331047418 NEIL GAS COM B#1 @ 0**
Incident Type	**Natural Gas Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	NEIL GAS COM B#1
Date Release Discovered	11/06/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Natural Gas Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	Cause: Corrosion | Pipeline (Any) | Condensate | Released: 5 BBL | Recovered: 0 BBL | Lost: 5 BBL.
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/20/2024

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 100 and 200 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	60
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	14
GRO+DRO (EPA SW-846 Method 8015M)	14
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.1
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	11/06/2023
On what date will (or did) the final sampling or liner inspection occur	11/09/2023
On what date will (or was) the remediation complete(d)	11/09/2023
What is the estimated surface area (in square feet) that will be reclaimed	364
What is the estimated volume (in cubic yards) that will be reclaimed	332
What is the estimated surface area (in square feet) that will be remediated	364
What is the estimated volume (in cubic yards) that will be remediated	332
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	ENVIROTECH LANDFARM #2 [fEEM0112336756]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/20/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I
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District II
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District III
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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**300286**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**11/08/2023**
What was the (estimated) number of samples that were to be gathered	**13**
What was the sampling surface area in square feet	**200**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Was this release entirely contained within a lined containment area	**No**
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	364
What was the total volume (cubic yards) remediated	332
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	364
What was the total volume (in cubic yards) reclaimed	332
Summarize any additional remediation activities not included by answers (above)	None

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Thomas Long Title: Sr Field Environmental Scientist Email: tjlong@eprod.com Date: 03/20/2024

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QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 325116

CONDITIONS

Operator:	OGRID:
Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	241602
	Action Number: 325116
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	3/22/2024