

Incident ID	NAPP2215340726
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: Chad Hensley.

Title: HSE Coordinator

Signature: _____

Date:

email: chensley@spurenergy.com

Telephone: 346-339-1494

OCD Only

Received by: Jocelyn Harimon

Date: 09/22/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 12/14/2022

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced



September 13, 2022

NMOCD District 2
 Mr. Mike Bratcher
 Artesia, NM 88210

**Re: Site Assessment, Remediation, and Closure Report
 Morris Boyd St Com Central Tank Battery
 API No. 30-015-44741
 GPS: Latitude 32.640573 Longitude -104.458957
 UL "N", Sec. 23, T19S, R25E
 Eddy County, NM
 NMOCD Ref. No. NAPP2215340726**

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment and remediation activities for the Release Site known as the Morris Boyd St Com Central Tank Battery (Morris). Details of the release are summarized below:

Release Details			
Type of Release:	Crude Oil	Volume of Release:	104 bbls
		Volume Recovered:	70 bbls
Source of Release:	Oil Tanks	Date of Release:	04/09/22
Was Immediate Notice Given?	Yes	If, Yes, to Whom?	Mike Bratcher, NMOCD
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	State	Mineral Owner:	
Communication system failure resulting in high tank levels and no alarm to notify personnel. This resulted in tanks running over. The release stayed inside the earthen berm.			

Topographical and Aerial Maps are provided in Figures #2 and #4. A copy of the Initial Release Notification and Corrective Action (NMOCD Form C-141) can be found in Appendix C.

REGULATORY FRAMEWORK

Surface impacts from unauthorized releases of fluids or gases are generally regulated by the New Mexico Oil Conservation Division (NMOCD) in accordance with 19.15.29 of the New Mexico Administrative Code (NMAC). 19.15.29 NMAC establishes reporting, site assessment/characterization, remediation, closure, variance, and enforcement procedures. Table I of 19.15.29.12 NMAC determines the closure criteria for soils impacted by a release based on depth to groundwater and the following characteristics:

Site Characteristics	
Approximate Depth to Groundwater	82'
Within 330 ft. of any continuously flowing or significant watercourse?	NO
Within 200 ft. of any lakebed, sinkhole, or playa lake?	NO
Within 300 ft. of an occupied permanent residence, school, hospital, or institution?	NO
Within 500 ft. of a spring, or private, domestic fresh water well?	NO
Within 1000 ft. of any fresh water well?	NO
Within the incorporated municipal boundaries or within a municipal well field?	NO
Within 300 ft. of a wetland?	NO
Within the area overlying a subsurface mine?	NO
Within an unstable area such as Karst?	NO
Within a 100-year floodplain?	NO

A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) was conducted to determine the average groundwater depth within one (1) Mile radius of the Release Site and identify any registered water wells within ½ Mile of the Release Site. The data initially found on the State Engineers website could not locate any data within the ½ mile radius, so Spur decided to drill a borehole nearby to determine the water depth. Atkins Engineering drilled the hole at the nearby site of the Parino #1, which is within ½ mile of the Morris Boyd Battery. The report from this drilling event is attached in Appendix A.

Depth to groundwater information is provided in Appendix A.

Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Quaternary Formation- and is made up of Piedmont alluvial deposits. It includes deposits of higher gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. It may locally include uppermost Pliocene deposits (QP). The soil in this area is made up of Pima silt loam, with 0 to 1 percent slopes, according to the United States Department of Agriculture Natural Resources Conservation Service. The drainage courses in this area are well-drained. There is NOT a high potential for karst geology to be present around the Morris (Figure #3).

The Soil Survey and FEMA Flood Map are provided in Appendix B. A Karst Map is provided in Figure #3.

TABLE I CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE			
	Constituent	Method	Limit
51-100 Feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	2,500 mg/kg
	TPH (GRO+DRO)	EPA SW-846 Method 8015M	1,000 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

INITIAL SITE ASSESSMENT & SOIL SAMPLING EVENT

On April 14, 2021, Paragon conducted an initial site assessment. During the initial site assessment, it was determined to gather samples in the large open areas where the spill pooled, six (6) soil samples were collected in these areas in an effort to determine the vertical extent of soil impact. These samples were used to be representative samples of the contamination of the spill. Additional three (3) investigative soil sample locations (North and East) were obtained to determine that the incident didn't breach the containment. These samples were collected in accordance with NMAC 19.15.29 and submitted to an approved laboratory for analysis. A table summarizing laboratory analytical results from soil samples collected during the above-stated activities is provided below:

4-14-22 Soil Sample Results

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 80')								
Sample Date 4-14-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 1,000 mg/kg			Closure Criteria ≤ 2,500 mg/kg	Closure Criteria ≤ 10,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BG-1	0	1.08	ND	ND	ND	ND	ND	128
BG-2	0	6.56	0.273	14.3	10.1	ND	24.673	944
BG-3	0	13.8	0.182	45.2	22.3	ND	67.5	16
S-1	6"	411	11.7	2130	3750	536	6416	144
	1'	1050	49.2	7470	12300	1850	21620	144
S-2	6"	83.2	1.26	475	1840	333	2648	960
	1'	8.28	0.055	98.9	770	166	1034.9	928
S-3	6"	2540	212	19700	29200	4510	53410	32
	1'	2320	247	19800	23700	3570	47070	80
S-4	6"	313	7.13	1660	2910	457	5047	32
	1'	68.2	1.14	446	919	129	1494	96
S-5	6"	1.57	ND	ND	152	36.7	188.7	16
	1'	1.28	ND	ND	116	25.4	141.4	32
S-6	6"	920	68.5	6420	8330	1240	15990	16
	1'	663	44	3670	4630	697	8997	32

ND-Analyte Not Detected

All Laboratory analytical reports are provided in Appendix E. A Site Map & Sample Maps are provided in Figures #1, #5, and #6.

REMEDIATION ACTIVITIES

On June 8, 2022, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the analytical results, site characteristics, and field observations made during the site assessment, the following remedial activities were undertaken to advance the Release Site towards an NMOCD approved closure:

Measurements for each section for reference:

- S-1- 1000 sq/ft
- S-2- 750 sq/ft
- S-3- 500 sq/ft
- S-4- 675 sq/ft
- S-5- 200 sq/ft
- S-6 400 sq/ft

- Utilizing mechanical and hand equipment, we excavated the impacted soils above the NMOCD Closure Criteria in the areas categorized by soil samples S-1, S-3, and S-6 to a depth of 1.5 feet BGS.
- In the area of S-2, we excavated to a depth of 1-foot BGS.
- In the area of S-5, we excavated 6 inches to remove the staining. The initial sampling showed this area to already be below closure criteria. We wanted to stay consistent throughout this project and therefore sampled according to rule 19.25.29.

Once these areas were excavated to the specified depths, we emailed the NMOCD and conducted preliminary bottom composite confirmation samples. We utilized composite sampling, where each sample was representative of no more than 200 sq/ft. The results of this event are in the following data table:

7-25-22 Preliminary Bottom Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 80')								
Sample Date 7-25-22 Preliminary Bottom Confirmation Samples		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 1,000 mg/kg			Closure Criteria ≤ 2,500 mg/kg	Closure Criteria ≤ 10,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRD	DRO	MRO	Total TPH	CHLORIDES
S-1	1.5'	2.35	ND	15.6	582	95.6	693.2	304
S-2	1'	2.46	ND	38.7	3030	662	3068.7	1040
S-3	1.5'	ND	ND	ND	1320	408	1728	400
S-4	1.5'	1.3	ND	30	5790	1370	7190	96
S-5	6"	ND	ND	ND	898	259	1157	96
S-6	1.5'	ND	ND	ND	1200	434	1634	64

ND- Analyte Not Detected

- Based on the preliminary sample results, we further advanced the vertical depth in the areas of S-2, S-3, S-4, and S-6 to an overall depth of 2 feet BGS.

The area marked in green on the site map around the Tanks and Separators was excavated to a depth of 2 feet, represented by the bottom confirmation samples. Even though these areas were less saturated, we wanted to match the excavation and base assumption of the most contaminated depth. We did not sample between the infrastructure as the room would not have allowed us to sample

in accordance with 19.25.29. The heavily saturated areas of this spill were sampled and would serve as the representative data of the less saturated areas.

After the completion of advancing the excavation, we again emailed the NMOCD to obtain an additional set of confirmation samples. The results from this event are in the following data table:

Sidewall samples for the following were not obtained because they would've been right against the infrastructure. What we did, though, was have a Hydrovac clean in the excavation areas that were against any infrastructure. These areas included the following:

- S-1 North Sidewall against the vertical separators.
- S-2 North Sidewall against the tanks and vertical separators.
- S-3 North Sidewall against the tanks.
- S-4 North Sidewall against tanks and piping.
- S-5 South Sidewall against the tanks and East Sidewall against a pump.
- S-6 South Sidewall against the tanks. The East and West were so small that they were represented within the Bottom Samples.

8-15-22 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is 80')								
Sample Date: 8-15-22 Confirmation Bottom and Sidewall Samples		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 1,000 mg/kg			Closure Criteria ≤ 2,500 mg/kg	Closure Criteria ≤ 10,000 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1 East Sidewall	2'	ND	ND	ND	159	42.2	201.2	160
S-1 South SW	2'	ND	ND	ND	154	39.8	154	128
S-2 Bottom Comp	2'	ND	ND	ND	110	21.4	131.4	144
S-2 South SW	2'	ND	ND	ND	107	22	129	128
S-3 Bottom Comp	2'	ND	ND	ND	310	76.6	386.6	176
S-3 South SW	2'	ND	ND	ND	490	136	626	128
S-4 Bottom Comp	2'	ND	ND	ND	104	18.5	122.5	128
S-4 South SW	2'	ND	ND	ND	92.9	13.4	106.3	144
S-5 Bottom Comp	6"	ND	ND	ND	357	106	463	144
S-5 North Comp	6"	ND	ND	ND	356	95.4	451.4	160
S-5 West SW	6"	ND	ND	ND	368	107	475	192
S-6 Bottom Comp	2'	ND	ND	ND	150	37	187	144
S-6 North SW	2'	ND	ND	ND	153	33.4	186.4	112

ND- Analyte Not Detected

- These laboratory analytical results showed that the confirmed soil samples indicated concentrations below NMOCD Closure Criteria.
- All excavated soils were temporarily stockpiled on-site atop a poly liner during the project. It was later transported to Lea Land, an NMOCD-approved waste disposal facility.
- After receiving laboratory analytical results below the closure criteria, the excavated areas were backfilled with "like" material obtained from Lea Land. The affected area was then contoured, machine and hand compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that this incident, NAPP2215340726, be closed. SPUR has complied with the applicable closure requirements outlined in rule 19.15.19.12 NMAC.

If you have any questions or need additional information, please get in touch with Chris Jones by phone at (575)631-6977 or email at chris@paragonenvironmental.net.

Respectfully,

Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

- 1- Site Map
- 2- Topographic Map
- 3- Karst Map
- 4- Aerial Map
- 5- Preliminary Sample Map
- 6- Confirmation Sample Map

Appendices:

- Appendix A – Referenced Water Surveys
- Appendix B – Soil Survey and FEMA Flood Map
- Appendix C – C-141
- Appendix D – Photographic Documentation & Email Notification
- Appendix E – Laboratory Reports



Figures:

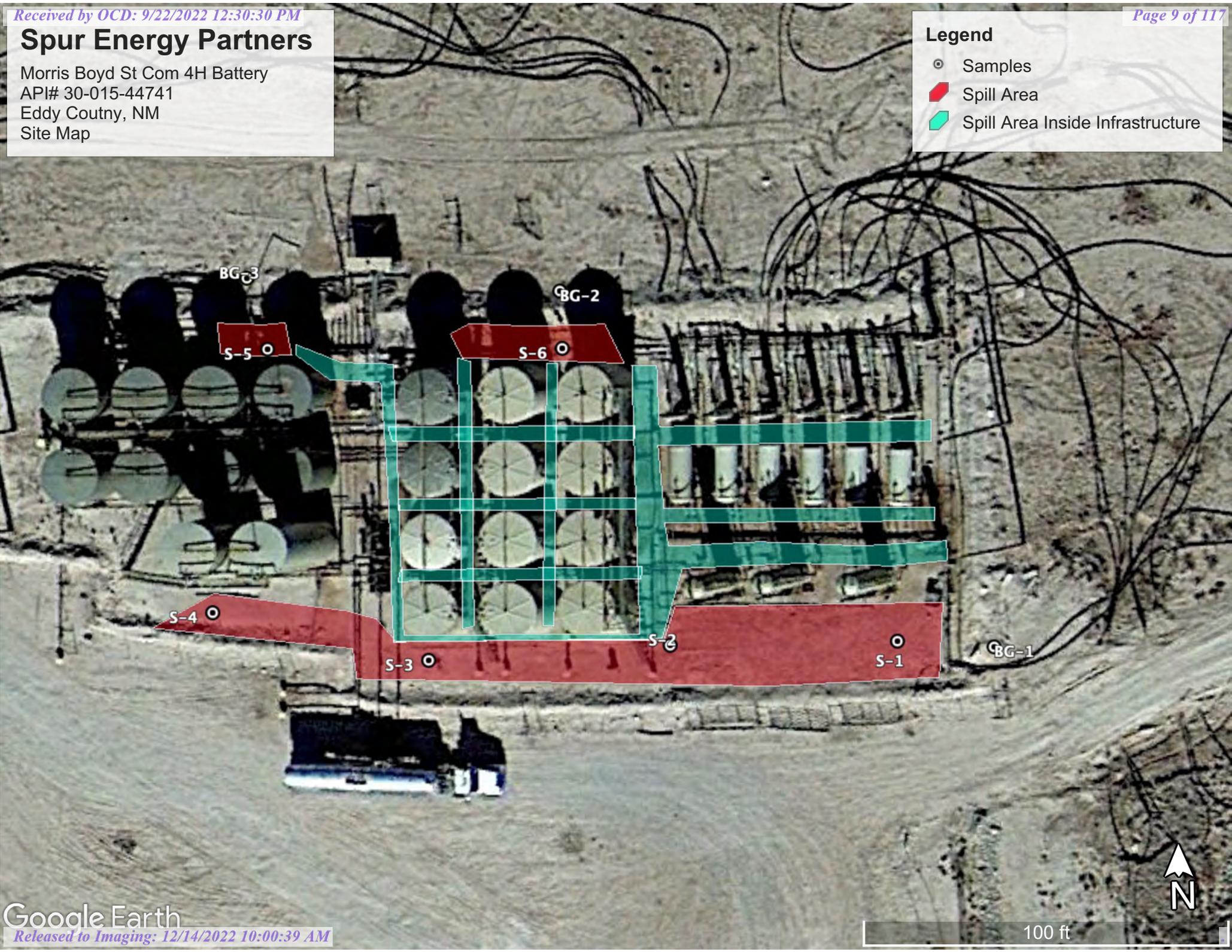
- 1-Site Map
- 2- Topo Map
- 3- Karst Map
- 4- Aerial Map
- 5- Preliminary Sample Map
- 6- Confirmation Sample Map

Spur Energy Partners

Morris Boyd St Com 4H Battery
API# 30-015-44741
Eddy Coutny, NM
Site Map

Legend

- Samples
- Spill Area
- Spill Area Inside Infrastructure

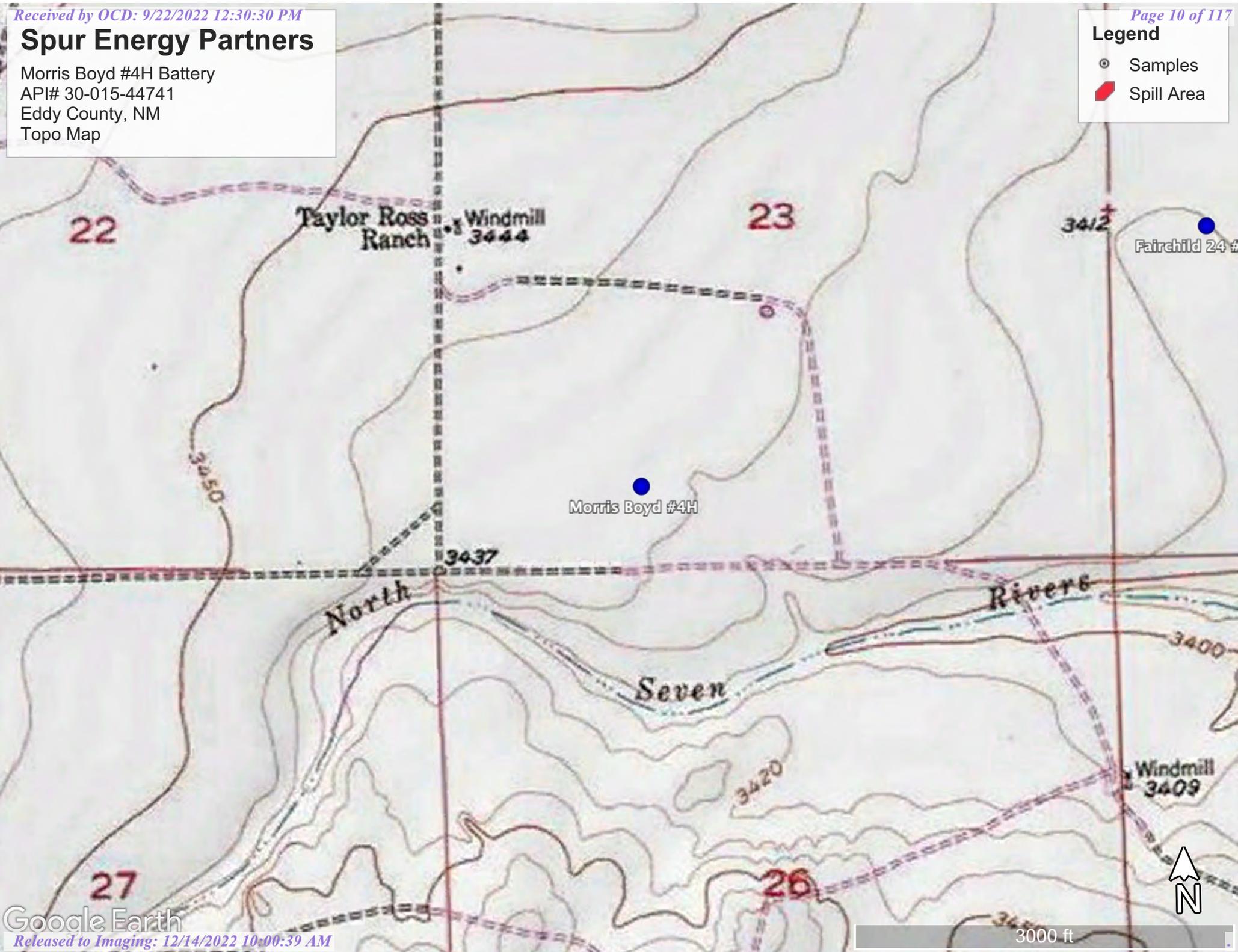


Spur Energy Partners

Morris Boyd #4H Battery
API# 30-015-44741
Eddy County, NM
Topo Map

Legend

- Samples
- Spill Area

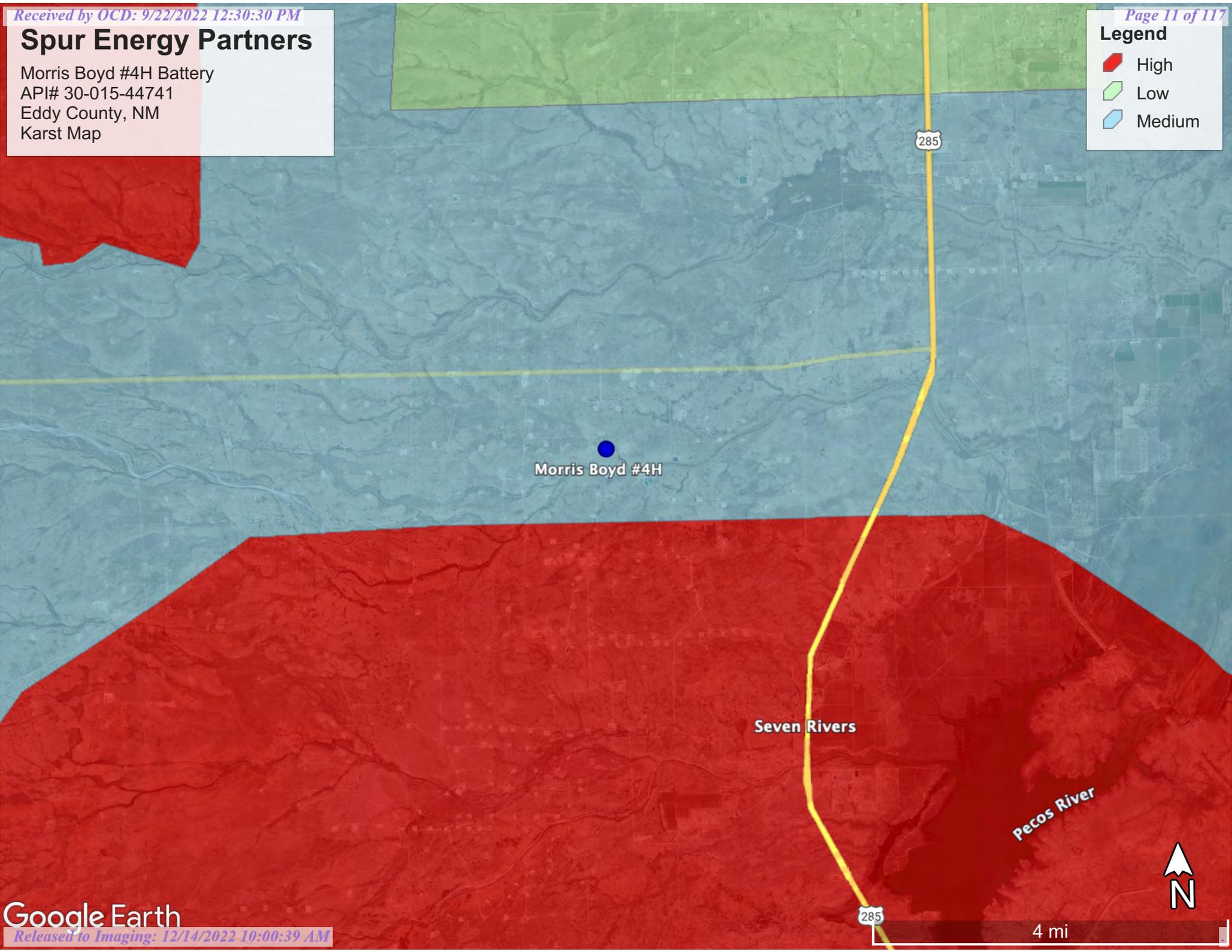


Spur Energy Partners

Morris Boyd #4H Battery
API# 30-015-44741
Eddy County, NM
Karst Map

Legend

-  High
-  Low
-  Medium



Morris Boyd #4H

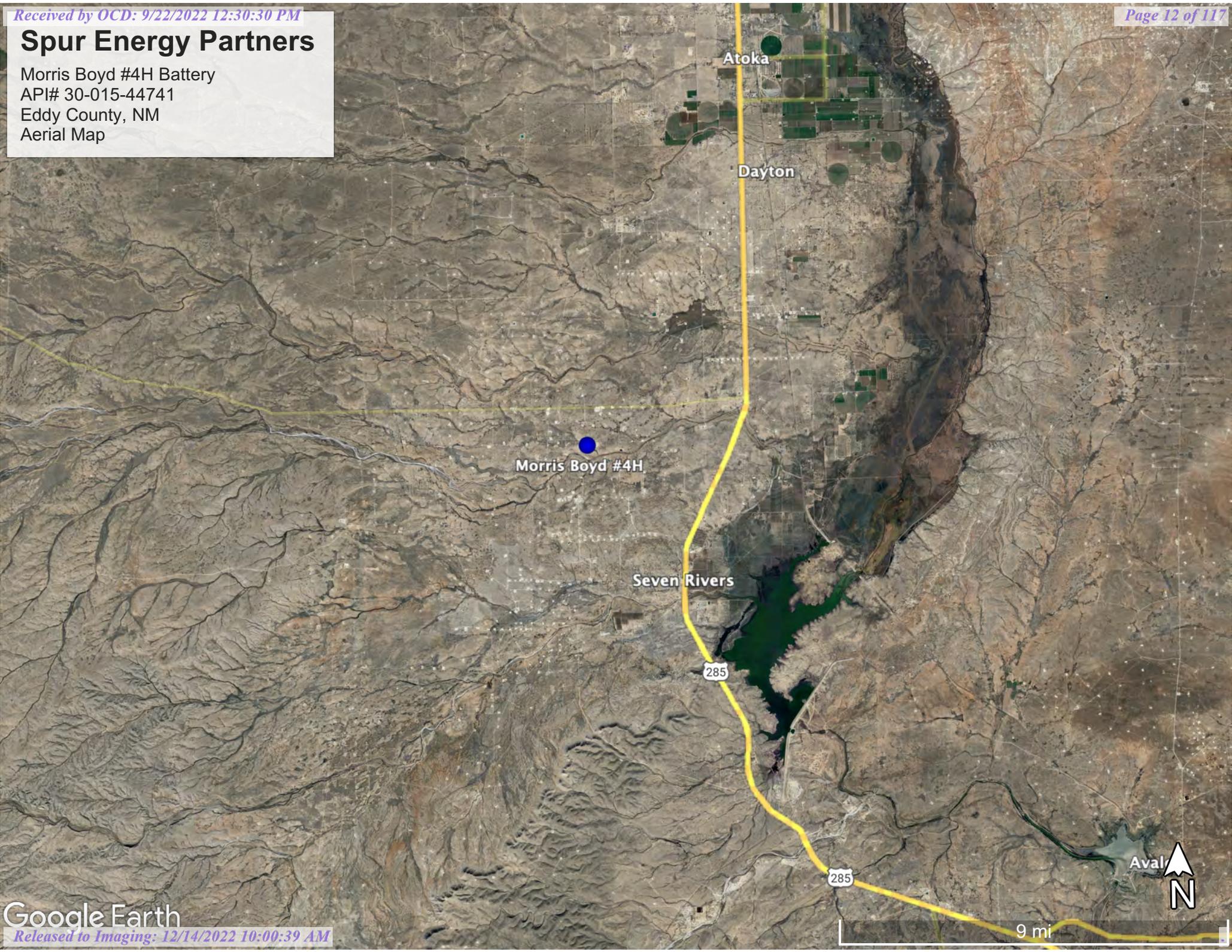
Seven Rivers

Pecos River



Spur Energy Partners

Morris Boyd #4H Battery
API# 30-015-44741
Eddy County, NM
Aerial Map



Spur Energy Partners

Morris Boyd St Com 4H Battery
API# 30-015-44741
Eddy Coutny, NM
Preliminary Bottom Sample Map

Legend

- Samples
- Spill Area
- Spill Area Inside Infrastructure

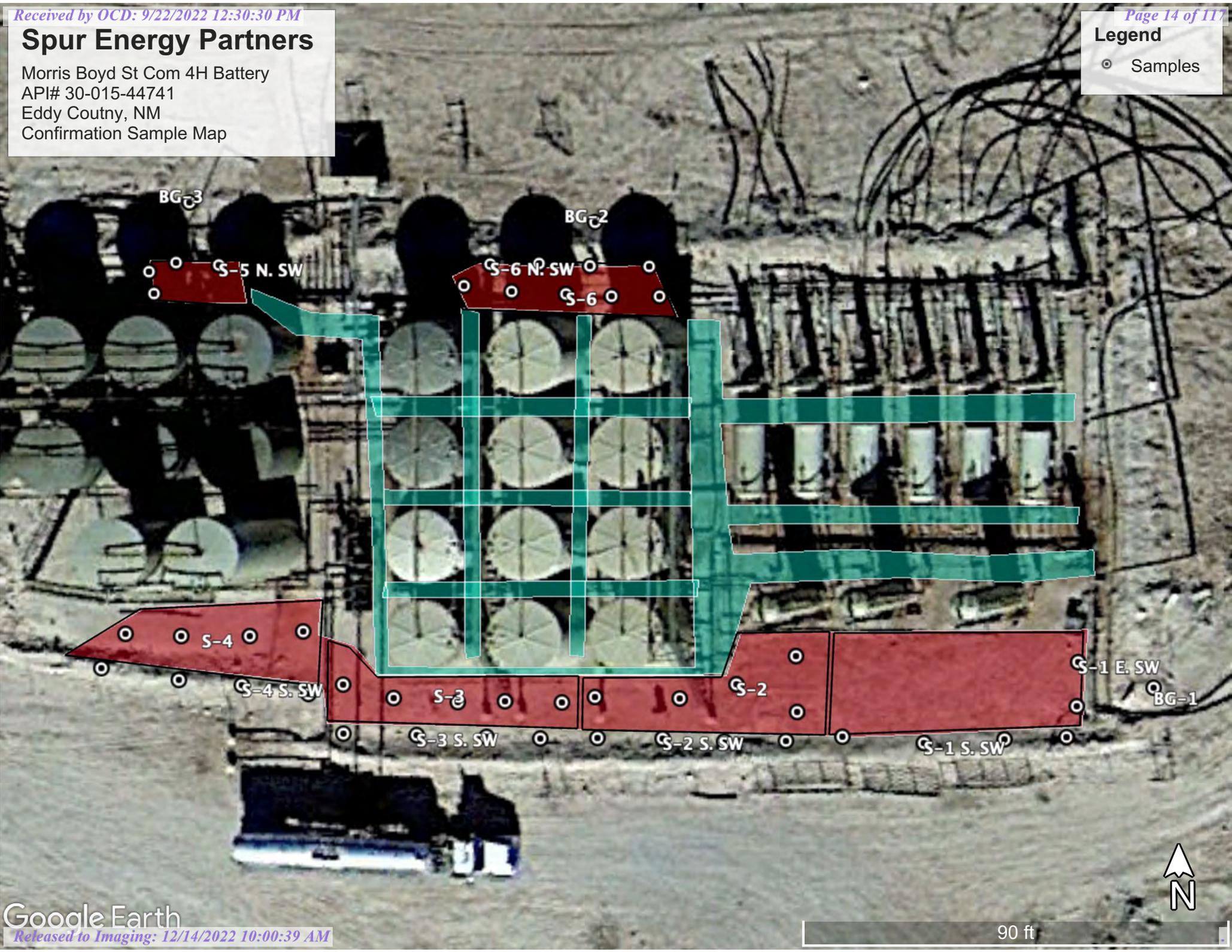


Spur Energy Partners

Morris Boyd St Com 4H Battery
API# 30-015-44741
Eddy Coutny, NM
Confirmation Sample Map

Legend

○ Samples





Appendix A
Referenced Water Data:

Atkins Engineering New Well Data

New Mexico State of Engineers Office



2904 W 2nd St.
Roswell, NM 88201
voice: 575.624.2420
fax: 575.624.2421
www.atkinseng.com

August 25, 2022

DII-NMOSE
1900 W 2nd Street
Roswell, NM 88201

Hand Delivered to the DII Office of the State Engineer

Re: Well Record RA-13210 Pod-1

To whom it may concern:

Attached please find a well log & record and a plugging record, in duplicate, for a one (1) soil borings, RA-13210 Pod-1.

If you have any questions, please contact me at 575.499.9244 or lucas@atkinseng.com.

Sincerely,

A handwritten signature in black ink that reads "Lucas Middleton". The signature is written in a cursive style.

Lucas Middleton

Enclosures: as noted above

OSE DII AUG 29 2022 09:32
OSE DII AUG 29 2022 09:32



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD-1		WELL TAG ID NO. n/a		OSE FILE NO(S) RA-13210			
	WELL OWNER NAME(S) Spur Energy Partners LLC				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 919 Milam St Ste 2475				CITY Houston	STATE TX	ZIP 77002	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 38	SECONDS 39.29	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 104	26	57.69	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NE SE Sec. 23 T19S R25E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 7/12/2022	DRILLING ENDED 7/12/2022	DEPTH OF COMPLETED WELL (FT) Soil Boring	BORE HOLE DEPTH (FT) ±101	DEPTH WATER FIRST ENCOUNTERED (FT) ±82			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 83.7	DATE STATIC MEASURED 7/14/2022		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	101	±6.5	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

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FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 01/28/2022)			
FILE NO.		POD NO.		TRN NO.			
LOCATION				WELL TAG ID NO.		PAGE 1 OF 2	



PLUGGING RECORD



NOTE: A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: RA-13210

Well owner: Spur Energy Partners LLC Phone No.: _____

Mailing address: 919 Milam St Ste 2475

City: Houston State: Texas Zip code: 77002

II. WELL PLUGGING INFORMATION:

- 1) Name of well drilling company that plugged well: Jackie D. Atkins (Atkins Engineering Associates Inc.)
- 2) New Mexico Well Driller License No.: 1249 Expiration Date: 04/30/23
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s):
Shane Eldridge
- 4) Date well plugging began: 7/14/2022 Date well plugging concluded: 7/14/2022
- 5) GPS Well Location: Latitude: 32 deg, 38 min, 39.29 sec
Longitude: 104 deg, 26 min, 57.69 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 90.7 ft below ground level (bgl),
by the following manner: weighted tape
- 7) Static water level measured at initiation of plugging: 83.7 ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 7/7/2022
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

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- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0-90'	Type I/II Neat Cement (94 lbs sack per 5.2 gallons of water)	Approx. 189 gallons	143 gallons	Augers	

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MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

III. SIGNATURE:

I, Jackie D. Atkins, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Jack Atkins

8/25/2022

Signature of Well Driller

Date

WR-20 Well Record and Log-forsign

Final Audit Report

2022-08-25

Created:	2022-08-25
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAJ6VcU407X4_FSdugALz7uxTPNP-AS2g

"WR-20 Well Record and Log-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2022-08-25 - 4:57:56 PM GMT - IP address: 64.17.71.25
-  Document emailed to Jack Atkins (jack@atkinseng.com) for signature
2022-08-25 - 4:59:28 PM GMT
-  Email viewed by Jack Atkins (jack@atkinseng.com)
2022-08-25 - 9:11:26 PM GMT - IP address: 64.90.153.232
-  Document e-signed by Jack Atkins (jack@atkinseng.com)
Signature Date: 2022-08-25 - 9:12:14 PM GMT - Time Source: server- IP address: 64.90.153.232
-  Agreement completed.
2022-08-25 - 9:12:14 PM GMT

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Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 729257
File Nbr: RA 13210

Jul. 11, 2022

BRAIDY MOULDER
SPUR ENERGY PARTNERS LLC
919 MILAM ST STE 2475
HOUSTON, TX 77002

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

A handwritten signature in black ink, appearing to read "Maret Amaral".

Maret Amaral
(575) 622-6521

Enclosure

explore

File No. **RA-13210**

NEW MEXICO OFFICE OF THE STATE ENGINEER



**WR-07 APPLICATION FOR PERMIT TO DRILL
A WELL WITH NO WATER RIGHT**



(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Groundwater Determination
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

<input type="checkbox"/> Temporary Request - Requested Start Date:	Requested End Date:
Plugging Plan of Operations Submitted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

1. APPLICANT(S)

Name: Spur Energy Partners LLC	Name: <i>LISE DII JUL 5 2022 10:37</i>
Contact or Agent: <input type="checkbox"/> check here if Agent Braidy Moulder	Contact or Agent: <input type="checkbox"/> check here if Agent
Mailing Address: 919 Milam St Ste 2475	Mailing Address:
City: Houston	City:
State: TX Zip Code: 77002	State: Zip Code:
Phone: 713-264-2517 <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): bmoulder@spurenergy.com	E-mail (optional):

FOR OSE INTERNAL USE Application for Permit, Form WR-07, Rev 11/17/16

File No. RA-13210-0001	Trn. No.: 729257	Receipt No.: 2-44782
Trans Description (optional): OG-5		
Sub-Basin: RA	PCW/LOG Due Date: 07-11-2023	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

NM State Plane (NAD83) (Feet) UTM (NAD83) (Meters) Lat/Long (WGS84) (to the nearest 1/10th of second)
 NM West Zone Zone 12N
 NM East Zone Zone 13N
 NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
RA-13210-POD1(TW-1)	104°26'57.69"W	32°38'39.29"N	SE NE SE Sec. 23 T19S R25E, NMPM

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: Yes No If yes, how many _____

Other description relating well to common landmarks, streets, or other: _____

Well is on land owned by: ~~State of New Mexico~~

Well Information: **NOTE: If more than one (1) well needs to be described, provide attachment.** Attached? Yes No

Approximate depth of well (feet): 101 Outside diameter of well casing (inches): 2.375

Driller Name: Jackie D. Atkins Driller License Number: 1249

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3. ADDITIONAL STATEMENTS OR EXPLANATIONS

A Soil Boring to determine depth up to 110 feet. Temporary PVC well material will be placed to total depth and secured at surface. Temporary well will be in place for minimum of 72 hours. If ground water is encountered the boring will be plugged immediately using augers as tremie to land a slurry of Portland TYPE I/II Neat cement less than 6.0 gallons of water per 94 lb. sack. If no water is encountered then drill cuttings will be used to (10) ten feet of land surface and plugged using hydrated bentonite.

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: RA-13210-POD1(TW-1) Trm No.: 729257

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<p>Exploratory: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.</p>	<p>Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.</p>	<p>Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.</p>	<p>Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted.</p>
<p>Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.</p>	<p><input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.</p>	<p>Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.</p>	<p><input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.</p>

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Braidly Moulder (Spur Energy Partners LLC)
 Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

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Chad Hensley
 Chad Hensley (Jul 6, 2022 10:52 MDT)
 Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

- approved partially approved denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 11th day of July, 2022, for the State Engineer,

Mike Hamman, P.E. State Engineer

By: K. Parekh
 Signature

Kashyap Parekh
 Print

Title: Water Resource Manager
 Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: RA-13210-POD1 (TWO) Trm No.: 729257

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: RA 13210 POD1 (TW-1)

File Number: RA 13210

Trn Number: 729257

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-C2 No water shall be diverted from this well except for testing purposes which shall not exceed ten (10) cumulative days, and well shall be plugged or capped on or before , unless a permit to use water from this well is acquired from the Office of the State Engineer.
- 17-G If artesian water is encountered, the well driller shall comply with all rules and regulations pertaining to the drilling and casing of artesian wells.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.

Trn Desc: RA 13210 POD1 (TW-1)

File Number: RA 13210

Trn Number: 729257

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- LOG The Point of Diversion RA 13210 POD1 must be completed and the Well Log filed on or before 07/11/2023.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 07/11/2022	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 11 day of Jul A.D., 2022

Mike A. Hamman, P.E. _____, State Engineer

By: K. Parekh
KASHYAP PAREKH

Trn Desc: RA 13210 POD1 (TW-1)

File Number: RA 13210
Trn Number: 729257

DATE_BASIN-XXXXXWR-07-packet-forsign

Final Audit Report

2022-07-06

Created:	2022-07-05
By:	Lucas Middleton (lucas@atkinseng.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAaku3zGJ12CN5fwTtaWs9JGFizH5paLal5

"DATE_BASIN-XXXXXWR-07-packet-forsign" History

-  Document created by Lucas Middleton (lucas@atkinseng.com)
2022-07-05 - 5:08:04 PM GMT- IP address: 24.49.110.136
-  Document emailed to bmoulder@spurenergy.com for signature
2022-07-05 - 5:08:42 PM GMT
-  Email viewed by bmoulder@spurenergy.com
2022-07-05 - 6:17:48 PM GMT- IP address: 172.225.15.0
-  Email viewed by bmoulder@spurenergy.com
2022-07-06 - 4:24:56 PM GMT- IP address: 104.28.97.29
-  Document e-signed by Chad Hensley (bmoulder@spurenergy.com)
Signature Date: 2022-07-06 - 4:52:57 PM GMT - Time Source: server- IP address: 174.137.66.121
-  Agreement completed.
2022-07-06 - 4:52:57 PM GMT

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SURFACE USE AND COMPENSATION AGREEMENT WITH SUBSURFACE EASEMENT

This Surface Use and Compensation Agreement with Subsurface Easement (the "Agreement") is made and entered into as of the Effective Date set out below, by and between SEP Permian LLC, whose address is 9655 Katy Freeway, Houston, TX 77024 ("Operator"), and Jean Claude Parino, whose address is 35800 Canada Circle, Cathedral City, CA 92234 ("Surface Owner").

WHEREAS, Surface Owner represents it is the owner in and to the surface estate on the following described acreage and is authorized to enter into this Agreement:

Township 19 South – Range 25 East
Section 23: E1/2 SE1/4
80 acres more or less
Eddy County, NM N.M.P.M

Township 19 South – Range 25 East
Section 23: West 94.4 acres of the East 174.4 acres of the S/2
Eddy County , NM N.M.P.M

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WHEREAS, Operator is the owner and/or operator of certain oil and gas leases under and/or adjacent to the Lands, and in connection therewith, Operator desires to drill oil and gas well(s) (the "Wells") from well pad(s) situated on the Lands, with the continuing right to, but not limited to, complete, rework, repair, maintain, produce oil, gas and liquid hydrocarbons and plug and abandon said Wells (collectively "Operations"); and it is the further desire of Operator to use a portion, or portions of the Lands to conduct its Operations. (Reference to the term "Wells" as used herein shall also mean and apply to any replacement or substitute well(s) thereof.)

NOW THEREFORE, for adequate consideration, the receipt and sufficiency of which is acknowledged, Surface Owner hereby grants, leases and lets to Operator, its employees and its authorized representatives, contractors and agents, the non-exclusive right to use the Lands for its oil and gas Operations as set out herein, under the following terms and conditions:

1. **Surface Use.** Operator shall have the right to use the Lands to construct a location for the Wells. The location may contain or include, but not be limited to, well pad, pits, surface equipment, tank batteries and flowlines, roads, pipelines, power lines, and other facilities (collectively "Facilities") used in connection with its oil and gas Operations, including the right of ingress and egress over and across the Lands to and from the Facilities, use of existing roads and rights-of-ways for pipelines and electrical power lines on the Lands at the time of this Agreement, and the right from time to time to cut all trees, brush, undergrowth and remove other obstructions that may injure, endanger, or interfere with Operator's Operations. Operator agrees not to conduct any operations on the surface where Surface Owner has preexisting improvements. Prior to constructing any Facilities on the Lands, Operator agrees to consult with Surface Owner, or its designated representative, on the location of any proposed Facilities to be constructed for its oil

and gas Operations if they differ substantially from what is described in the Surface Data Sheet discussed hereinbelow. Subject to freshwater pipeline compensation described in term "2. Compensation". Operator shall have the right to transport water to the Lands via trucks and/or pipelines, free of charge, for use in its oil and gas Operations being conducted on the Lands, provided, however, Operator is prohibited from using water from any of Surface Owner owned tanks, ponds or water well(s) located on the Lands without prior written consent from Surface Owner. Surface owner shall be notified in writing or by electronic mail not less than five (5) days prior to any construction associated with any wells to be drilled by Operator on the Lands. Payments required hereunder are to be made to Surface Owner not more than fifteen (15) days after commencement of any construction of well sites, roads, power lines and pipeline rights-of-way. Failure to comply with notification and payment requirements hereunder will result in a \$100 per day penalty for each day past beyond the designated notification and/or payment deadlines set forth above, payable to the Surface Owner on demand. Surface Owner shall have the right to use all roads that have been constructed by Operator on the Lands, at Surface Owner's sole risk.

Attached is a Surface Data Sheet, which is incorporated herein as a part of this Agreement for all purposes, which describes Operator's anticipated location and wellsite surface operational plans for the Wells. Operator agrees, to the best of its ability, to adhere to the contents of the attached Surface Data Sheet, provided, however, should Operator encounter any surface constraints, or alter any plans pertaining to drilling and/or Operations, either prior to or after conducting any of the Operations, which causes Operator not to adhere to the contents of the attached Surface Data Sheet, Operator shall have the right to deviate from the plans set forth in the Surface Data Sheet as needed upon written approval by and additional compensation to Surface Owner, should said deviation result in an increase in size or length of any of the disturbances and planned activities outlined in the Surface Data Sheet. Upon making any material changes to the plans set forth in the Surface Data Sheet, Operator will provide Surface Owner with an updated Surface Data Sheet reflecting such changes and will compensate Surface Owner for such changes, if applicable.

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2. **Compensation.** As compensation for loss of agricultural production and income, lost land value, lost use of, lost access to Surface Owner's land and lost value of improvements anticipated to be caused by Operator's oil and gas Operations, Operator agrees to pay Surface Owner, within fifteen (30) days after commencement of any construction of well sites, roads, power lines and pipeline rights-of-way, the following sums for the following items, which shall be proportionately reduced based on Surface Owner's undivided ownership in the Lands, each description heretofore described being assessed separately for calculation of payment purposes:

Well Location (including shared well pad, pits, surface equipment and flowlines)	\$12,000.00	Initial Well
	\$4,500.00	Each
		Additional Wellbore

In no event will a well pad exceed an area of three (3) acres without Surface Owner's prior written consent. No off-location or off-road traversing.

Compensation for pit includes construction, erection, Installation, operation, maintenance, inspection, use, Repair, moving, and removing of pit station and	\$8,000.00 per pit
--	--------------------

Any equipment needed to operate the same, including structures of whatsoever kind, machinery Engines, pumps, equipment, appliances, facilities, Meters, pipes, regulators, fittings, valves, and any Other structure as may be necessary to operate a pit Station. In no event shall the area for a pit station exceed three (3) acres. Within twelve (12) months after Operator ceases to have any further use for the pit station, Operator shall remove all structures and equipment associated with the same and shall level and reseed the surface of the Lands.

Newly Constructed Roads **\$65.00 per rod**
(not to exceed forty feet (40') in width)
Operator shall keep all new roads in a good state of repair, at its sole cost and expense. Surface owner shall have the right to use new roads constructed on the Lands by Operator.

Gathering Lines and Pipelines **\$80.00 per rod**
(not to exceed forty feet (40') in width)
Pipelines must be removed at the expiration of easement or lease. Operator shall consult with Surface Owner as to the location of underground lines. All underground pipelines will be buried a minimum of 36" below the surface of the ground. All buried pipeline rights-of-way will be reseeded And reclaimed after construction. All buried pipe-Line will be completely removed once the line is No longer used by Operator for a period of eight-Ten (18) consecutive months. No lines will be cut Leaving "dead legs" of pipe, unless the prior Approval of Surface Owner is obtained.

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Electric Power Lines **\$100.00 per electrical pole**
\$40.00 per rod

Fresh Water Line **\$2,500.00 per well**
Use of water from tanks, ponds, water well(s), or any other water source owned by Surface Owner is prohibited.

There shall be no charge to Operator for the use of existing roads or for the use, construction and installation of new oil, gas and/or water pipelines and/or electrical power lines if installed in any of Operator's existing rights-of-ways on the Lands at the time of this Agreement. Surface Owner agrees to execute a Memorandum of Surface Use and Compensation Agreement, and/or any rights-of-ways and/or easements for road(s), pipeline(s) or electric power line(s) constructed

or used hereunder, upon request of Operator to evidence the terms, conditions, provisions and rights granted to Operator herein. It is agreed and understood during construction, and/or maintenance, of any roads, pipelines and power lines, any reasonable amount of adjoining additional acreage of the Lands may be used as is necessary for said construction and/or maintenance without any additional consideration. The size and type of pipelines used and/or installed on the Lands and whether the same are buried or laid on the surface, or a combination of both, shall be at the sole discretion of Operator.

3. **Maintenance.** Operator will maintain all of the Facilities used in its Operations, including both newly constructed roads and existing roads, in good repair and otherwise in the manner of a prudent operator if used solely by Operator. If the Surface Owner, its designated representatives and/or any third party granted any right to use the Land by Surface Owner causes any damage to any of the Facilities as a direct result of their use of the Lands, then Surface Owner agrees to work with Operator to repair and/or reimburse Operator for any repairs for such damages. Operator will construct berms, terraces and turnouts as may be necessary to control precipitation runoff and erosion that may otherwise result from its activities. Operator will control and manage its Operations so that no more noise, weed introduction and growth, dust, litter, traffic, interference with Surface Owner's, or other authorized parties', use, and surface damage to the Lands will result therefrom than is reasonably necessary for Operator's oil and gas Operations. Operator agrees to keep the roads used watered down to help to minimize the amount of dust in the air. Operator shall keep its well pads and other areas of operation on the Lands free from trash, debris, scaps, and rubbish and the same shall not be disposed of or burned on the Lands. Failure to comply with disposal requirements shall result in a \$250.00 per day penalty payable to Surface Owner upon demand, until proper disposal is performed.

4. **Final and Interim Reclamation** After concluding operations associated with the well locations, all the equipment will be removed, the surface material, caliche, will be removed from the well pad and road. The original stock piled top soil will be returned to the pad and contoured, as close as possible, to the original topography. The access road will have the caliche removed and the road ripped, barricaded and seeded as directed by the NMSLO. After initial construction, all portions of the location not essential to necessary operations or maintenance operations, will be reclaimed and seeded as per NMSLO requirements.

Reclamation Performance Standards: The following reclamation performance standards will be met:

- A.) Interim Reclamation - Includes disturbed areas that may be redisturbed during operations and will be redisturbed at final reclamation to achieve restoration of the original landform and a natural vegetative community.
- B.) Disturbed areas not needed for active, long-term production operations or vehicle travel will be recontoured, protected from erosion, and revegetated with a self-sustaining, vigorous, diverse, native (or as otherwise approved) plant community sufficient to minimize visual impacts, provide forage, stabilize soils, and impede the invasion of noxious, invasive, and non-native weeds.

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Final Reclamation - Includes disturbed areas where the original landform and a natural vegetative community will be restored and it is anticipated the site will not be redisturbed for future development.

- i) The original landform will be restored, as near as possible, for all disturbed are- as.
- ii) A self-sustaining, vigorous, diverse, native (or otherwise approved) plant com- munity will be established on the site, with a density sufficient to control erosion and invasion by non-native plants and to re-establish wildlife habitat or forage production. At a minimum, the established plant community will consist of species included in the seed mix or a desirable species occurring in the surrounding natural vegetation.

5. **Indemnification.** Operator shall be solely responsible and liable for any harm or injuries caused to persons or property as a direct result of Operator's employees', or its authorized representatives', contractors' and agents', negligent or willful acts or omissions while conducting its Operations, and shall indemnify and hold Surface Owner and their employees, agents and invitees harmless from and against any and all claims, charges, assessments, damages, expenses, fines or penalties, including reasonable attorney fees and expenses of litigation incurred in defense of Surface Owner as a direct result of Operator's negligent acts or omissions while conducting its Operations; provided, however that nothing herein shall be construed to require or obligate Operator to indemnify Surface Owner, their employees, agents and/or invitees against, or hold Surface Owner, their employees, agents and/or invitees harmless from Surface Owner's and/or their employees', agents' and/or invitees' own negligent or willful acts, or omissions. Further, Operator shall indemnify and save Surface Owner, their employees, agents and/or invitees harmless from any and all damages, cleanup expenses, fines, or penalties, and reasonable attorney fees and expenses of litigation resulting from a fire, or any violation of, or non-compliance with, applicable local, state, or federal laws and regulations resulting from Operator's Operations, unless the same was caused by Surface Owner's and/or their employees', agents' and/or invitees' own negligent acts, or omissions.

6. **Term.** This Agreement shall remain in force and effect for a term of two (2) years from the Effective Date hereof, and for so long thereafter as Operator conducts operations on the Lands or any portion thereof with no cessation of more than 90 consecutive days, but in no event shall this Agreement remain in force and effect for longer than ten (10) years from the Effective Date; provided, however, that upon the expiration of ten (10) years, Operator has the option to renew the terms of this Agreement for an additional five (5) year term. Operator will pay to the Surface Owner \$25,000.00 in compensation for renewal of Agreement. Notwithstanding the foregoing, Operator shall have a period of six (6) months from and after the termination of this Agreement to remove all of its personal property, fixtures and equipment from the Land, and to restore the surface thereof to the condition that existed immediately prior to the execution hereof, as may be reasonably practicable.

7. **Assignability.** This Agreement shall be binding upon and shall be for the benefit of the heirs, successors, legal representatives and assigns of Surface Owner and Operator, whether assigned, devised, bequeathed or otherwise transferred in whole or in part by any party hereto, and

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the terms and conditions herein contained shall be covenants running with the Lands. No transfer by one party shall be binding upon the other until fifteen (15) days after the transferring party has furnished the other party a copy of the instrument evidencing the transfer. In the event of transfer by operator, Operator shall remain responsible for any liability that has arisen prior to the effective date of the transfer, and Operator's transferee shall be responsible for all liabilities arising after the effective date of the transfer.

8. Counterpart Execution. This Agreement may be executed in any number of counterparts, and shall be fully binding upon and effective as to the interest of the undersigned who execute the same, without regard to execution of lack of execution by the others. Each executed Agreement shall be deemed an original, and all of which together shall constitute but one and the same instrument.

9. Interpretation and Notice of Breach. In construing this Agreement, no consideration shall be given to the fact or presumption that Operator or Surface Owner has had a greater or lesser hand in drafting this Agreement than the other. No litigation or other causes of action shall be initiated by Surface Owner for alleged damages, forfeiture or cancellation of this Agreement without providing Operator with written notice, sent via US certified mail, return receipt requested, describing the alleged breach. Operator shall then have sixty (60) days after receipt of notice to respond to such alleged breach prior to Surface Owner initiating any litigation or cause of action, and Surface Owner and Operator agree to work, in good faith, to remedy such alleged breach.

10. Severability If any provision of this contract is prohibited or ruled invalid or unenforceable in any jurisdiction, the other provisions in this Agreement will continue in effect.

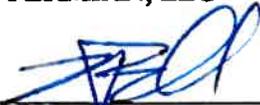
11. Nonexclusive Rights. The rights granted by Surface Owner to Operator are nonexclusive, and Surface Owner reserves the right to use all access roads and all surface and subsurface uses of the land affected by this Agreement, and the right to grant successive easements thereon or across on such terms and conditions as Surface Owner deems necessary or advisable to the extent such grant will not interfere with Operator's use.

EXECUTED as of this 9 day of FEBRUARY, 2021, but effective as of FEB 09, 2021 ("Effective Date")

OPERATOR:

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SEP PERMIAN, LLC

By: 
Name: Nash Bell
Title: Vice-President, Land
Date: 2/9/21

SURFACE OWNER:

Jean Claude Parino

By: Jean Claude Parino

Name: JEAN CLAUDE PARINO

Title: OWNER

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name MORRIS BOYD			6 Well Number 8H
7 GRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.			9 Elevation 3428'

10 Surface Location

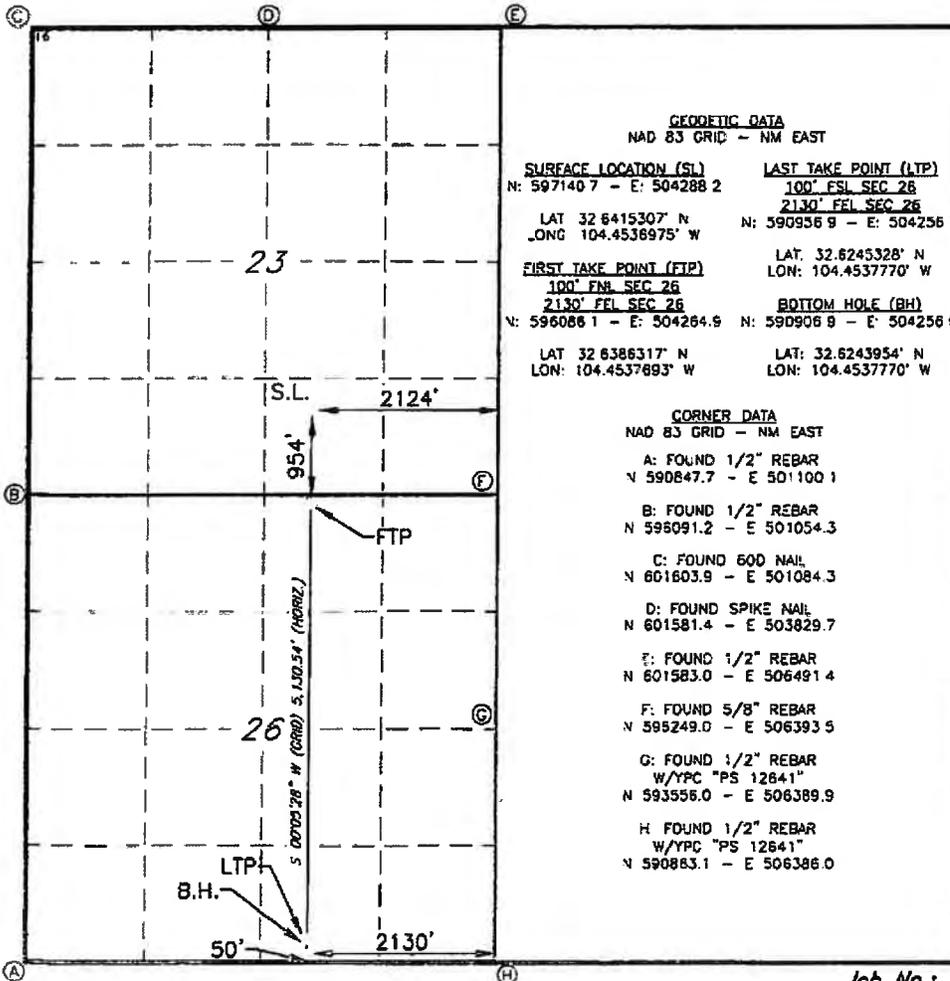
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
0	23	19S	25E		954	SOUTH	2124	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	26	19S	25E		50	SOUTH	2130	EAST	EDDY

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

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



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

Signature _____ Date _____
Printed Name _____
E-mail Address _____

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

11-18-20
Date of Survey

Signature and Seal of Professional Surveyor
OSE 071116 2022 PM 3:40

19680
Certificate Number

Job No.: **LS20110677**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name	
4 Property Code		5 Property Name MORRIS BOYD			6 Well Number 9H
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.			9 Elevation 3427'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet From the	East/West line	County
0	23	19S	25E		954	SOUTH	2104	EAST	EDDY

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
0	26	19S	25E		50	SOUTH	1960	EAST	EDDY

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

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

GEODETIC DATA
NAD 83 GRID - NM EAST

SURFACE LOCATION (SL)
N: 597140.7 - E: 504308.2
LAT: 32.6415305° N
LONG: 104.4536324° W

FIRST TAKE POINT (FTP)
100' FSL SEC 26
1960' FEL SEC 26
N: 596091.1 - E: 504434.7
LAT: 32.6386460° N
LON: 104.4532174° W

LAST TAKE POINT (LTP)
100' FSL SEC 26
1960' FEL SEC 26
N: 590957.3 - E: 504426.6
LAT: 32.6245346° N
LON: 104.4532249° W

BOTTOM HOLE (BH)
N: 590907.4 - E: 504426.6
LAT: 32.6243972° N
LON: 104.4532250° W

CORNER DATA
NAD 83 GRID - NM EAST

- A: FOUND 1/2" REBAR
N 590847.7 - E 501100.1
- B: FOUND 1/2" REBAR
N 596091.2 - E 501054.3
- C: FOUND 500 NAIL
N 601503.9 - E 501084.3
- D: FOUND SP. KE NAIL
N 601581.4 - E 503829.7
- E: FOUND 1/2" REBAR
N 601583.0 - E 506491.4
- F: FOUND 5/8" REBAR
N 595249.0 - E 506393.5
- G: FOUND 1/2" REBAR
W/YPC "PS 12641"
N 593556.0 - E 506389.9
- H: FOUND 1/2" REBAR
W/YPC "PS 12641"
N 590863.1 - E 506386.0

17 OPERATOR CERTIFICATION

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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

18 SURVEYOR CERTIFICATION

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

11-18-20
Date of Survey

Signature and Seal of Professional Surveyor _____

USE DATE JUL 6 2022 10:31:40

19680
Certificate Number

Job No.: LS20110678

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code		3 Pool Name					
4 Property Code		5 Property Name MORRIS BOYD						6 Well Number 10H	
7 OGRID NO.		8 Operator Name SPUR ENERGY PARTNERS LLC.						9 Elevation 3427'	
10 Surface Location									
UL or lot no. 0	Section 23	Township 19S	Range 25E	Lot Idn	Feet from the 954	North/South line SOUTH	Feet From the 2084	East/West line EAST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. 0	Section 26	Township 19S	Range 25E	Lot Idn	Feet from the 50	North/South line SOUTH	Feet from the 1630	East/West line EAST	County EDDY
12 Dedicated Acres		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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

The diagram shows a grid of sections 23 and 26. Section 23 is at the top, and section 26 is at the bottom. A well location (S.L.) is marked in section 23 with a distance of 2084' from the east line and 954' from the south line. A First Take Point (FTP) is also marked in section 23. A Second Take Point (LTP) is marked in section 26, 50' from the south line and 1630' from the east line. A Bottom Hole (B.H.) is also marked in section 26. Corner data points A through H are listed in the adjacent text block.

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

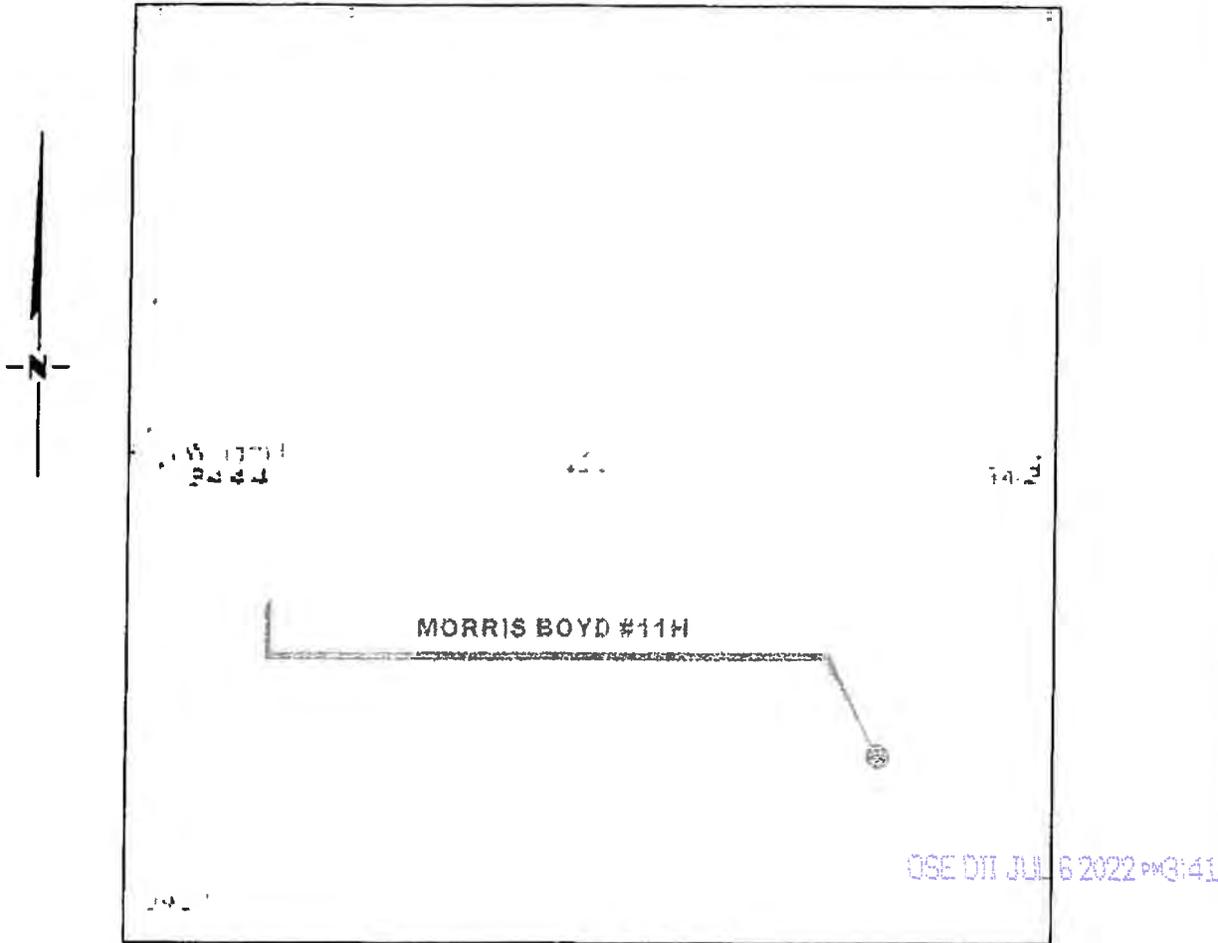
Signature: _____ Date: _____
Printed Name: **BOB OHL JR. 9/22/2022 12:40**
E-mail Address: _____

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

11-18-20
Date of Survey
Signature and Seal of Professional Surveyor: _____
19880
Certificate Number

Job No.: **LS20110679**

LOCATION VERIFICATION MAP



**SECTION 23, TWP. 19 SOUTH, RGE. 25 EAST,
N. M. P. M., EDDY COUNTY, NEW MEXICO**

OPERATOR: <u>Spur Energy Partners LLC.</u>	LOCATION: <u>943' FSL & 882' FEL</u>
LEASE: <u>Morris Boyd</u>	CONTOUR INTERVAL: <u>10'</u>
WELL NO.: <u>11H</u>	USGS TOPO. SOURCE MAP:
ELEVATION: <u>3421'</u>	<u>Dayton, NM (1955)</u>

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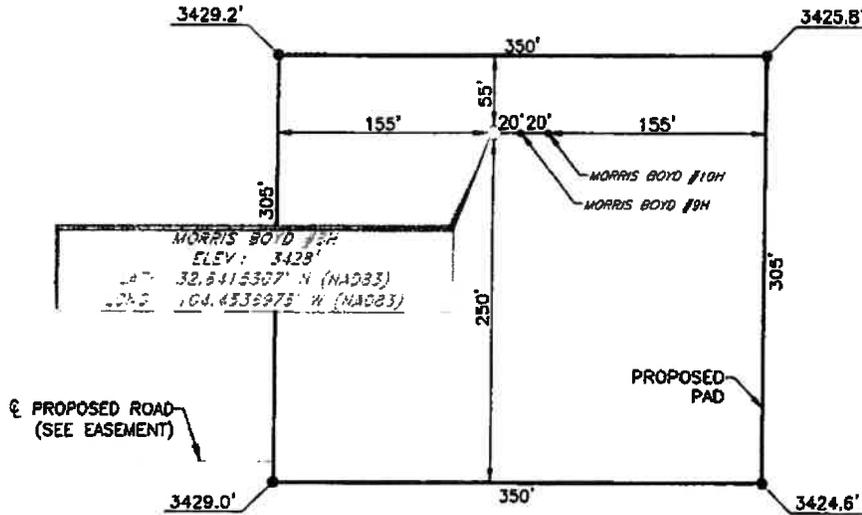
NO.	REVISION	DATE
JOB NO.: LS20110722		
DWG. NO.: 20110722-2		

RRC

701 S. GECHE ST. HOBBS, NM 88240 (575) 964-8200

SCALE: 1" = 1000'
DATE: 11-30-2020
SURVEYED BY: JF/JH
DRAWN BY: GA
APPROVED BY: RMH
SHEET: 1 OF 1

**SPUR ENERGY PARTNERS LLC.
MORRIS BOYD #8H
(954' FSL & 2124' FEL)
SECTION 23, T19S, R26E
N. M. P. M., EDDY COUNTY, NEW MEXICO**



USE DTI JUL 6 2022 PM 3:41

DIRECTIONS TO LOCATION

From the intersection of U.S. Hwy 285 (Seven Rivers Hwy) and CR-#21 (Rocking R Red Rd.);
Go West on CR-#21 approx. 4.4 miles to a lease road on the left;
Turn left and go South approx. 1.0 miles to a lease road on the left;
Turn left and go East approx. 0.7 miles to a lease road on the right;
Turn right and go South approx. 0.1 miles road curves left;
Continue East approx. 0.4 miles to a proposed road;
Continue East approx. 0.1 miles to location on the left.



SCALE: 1" = 100'
0 50 100
BEARINGS ARE
HAD TO GRID - NW EAST
DISTANCES ARE
GROUND.

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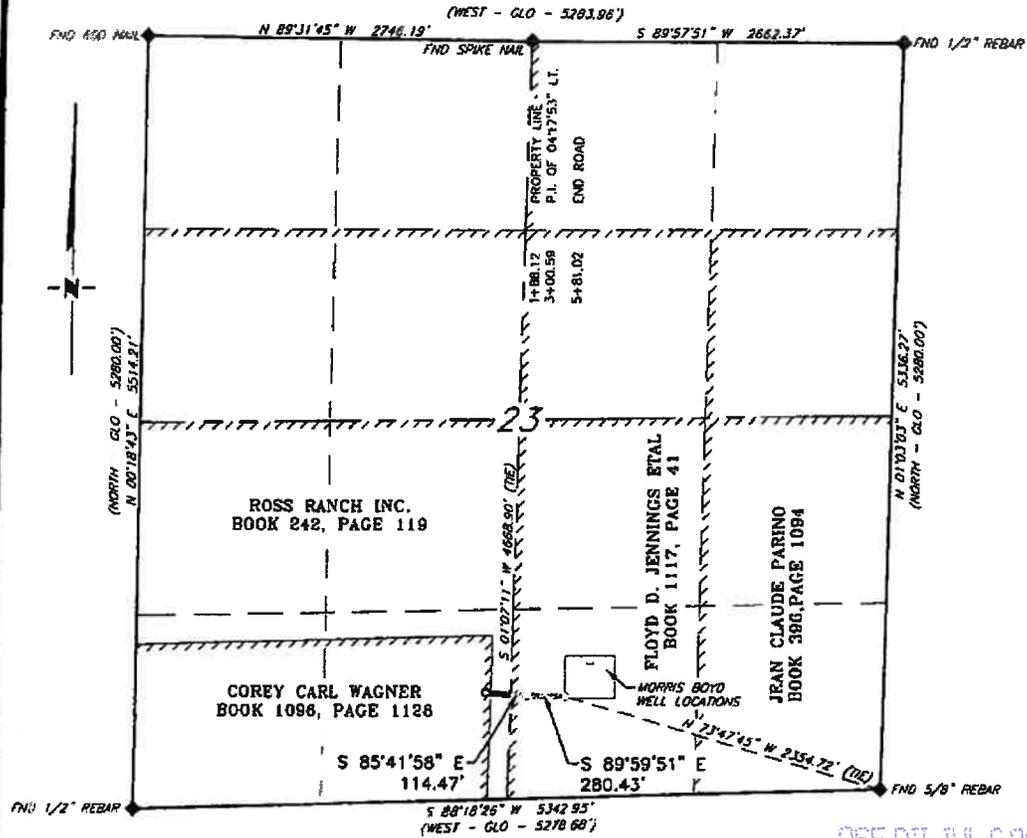
NO.	REVISION	DATE
JOB NO.: LS20110677		
DWG. NO.: 20110677-4		



701 S. DECI. ST. HOBBBS, NM 88240 (505) 964-8250

SCALE: 1" = 100'
DATE: 11-18-2020
SURVEYED BY: JF/JH
DRAWN BY: GA
APPROVED BY: RMH
SHEET: 1 OF 1

**SPUR ENERGY PARTNERS LLC.
PROPOSED ACCESS ROAD FOR THE MORRIS BOYD WELL LOCATIONS
SECTION 23, T19S, R25E
N. M. P. M., EDDY COUNTY, NEW MEXICO**



DESCRIPTION

A strip of land 30 feet wide, being 394.90 feet or 23.933 rods in length, lying in Section 23, Township 19 South, Range 25 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across the lands of Floyd D. Jennings ETAL, according to a deed filed for record in Book 1117, Page 41, of the Dead Records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 1+86.12, a point on the West line of the East half of Section 23, which bears, S 01°07'11" E, 4.868.90 feet from a spike nail, found for the North quarter corner of Section 23;

Thence S 85°41'58" E, 114.47 feet, to Engr. Sta. 3+00.59, a P. I. of 04°17'53" left;

Thence S 89°59'51" E, 280.43 feet, to Engr. Sta. 5+81.02, the End of Survey, a point in the Southeast quarter of Section 23, which bears, N 73°47'45" W, 2,354.72 feet from a 5/8" rebar, found for the Southeast corner of Section 23.

Said strip of land contains 0.272 acres, more or less, and is allocated by forties as follows:

SCALE: 1" = 1000' SW 1/4 SE 1/4 23.933 Rods 0.272 Acres

BEARINGS ARE GRID MAG. & S. IN EAST DISTANCES ARE HORIZ. GROUND.

LEGEND
 RECORDED DATA - G.L.S.
 FOUND MONUMENT AS NOTED
 PROPOSED ACCESS ROAD

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett NM PS 19880

Copyright 2016 All Rights Reserved

NO.	REVISION	DATE
JOB NO.:	LS20110677	
DWG. NO.:	20110677-B	

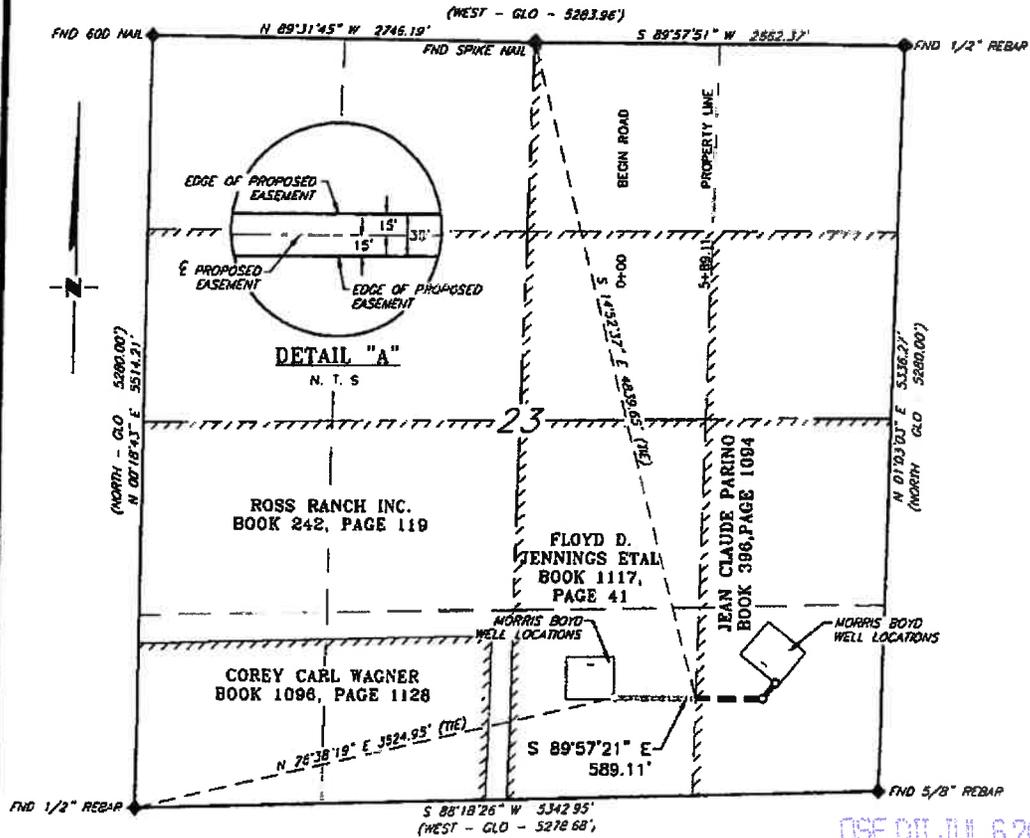


75 S. CECIL ST., HOBBS, N. 78240 (505) 984-8200

SCALE:	1" = 1000'
DATE:	11-18-2020
SURVEYED BY:	JF/JH
DRAWN BY:	GA
APPROVED BY:	RMH
SHEET:	4 OF 4

OSE DTI JUL 6 2022 PM 3:41

**SPUR ENERGY PARTNERS LLC.
PROPOSED WEST ACCESS ROAD FOR THE MORRIS BOYD
(EAST) WELL LOCATIONS
SECTION 23, T19S, R25E
N. M. P. M., EDDY COUNTY, NEW MEXICO**



CSE DT JUL 6 2012 PM 3:41

DESCRIPTION

A strip of land 30 feet wide, being 589.11 feet or 35.704 rods in length, lying in Section 23, Township 19 South, Range 25 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across the lands of Floyd D. Jennings ETAL, according to a deed filed for record in Book 1117, Page 41, of the Deed Records of Eddy County, New Mexico:

BEGINNING at Engr. Sta. 0+00, a point in the Southeast quarter of Section 23, which bears, N 76°38'19" E, 3,524.95 feet from a 1/2" rebar, found for the Southwest corner of Section 23;

Thence S 89°57'21" E, 589.11 feet, to Engr. Sta. 5+89.11, a point on the East line of the West half of the East half of Section 23, which bears, S 14°52'37" E, 4,839.65 feet from a spike nail, found for the North quarter corner of Section 23.

Said strip of land contains 0.406 acres, more or less, and is allocated by forties as follows:

SW 1/4 SE 1/4 35.704 Rods 0.406 Acres



BEARINGS ARE GRID NAD 83
NAD 83
DISTANCES ARE HORIZ. GROUND.

- LEGEND**
- () RECORD DATA - GLO
 - ◆ FOUND MONUMENT AS NOTED
 - - - PROPOSED ACCESS ROAD

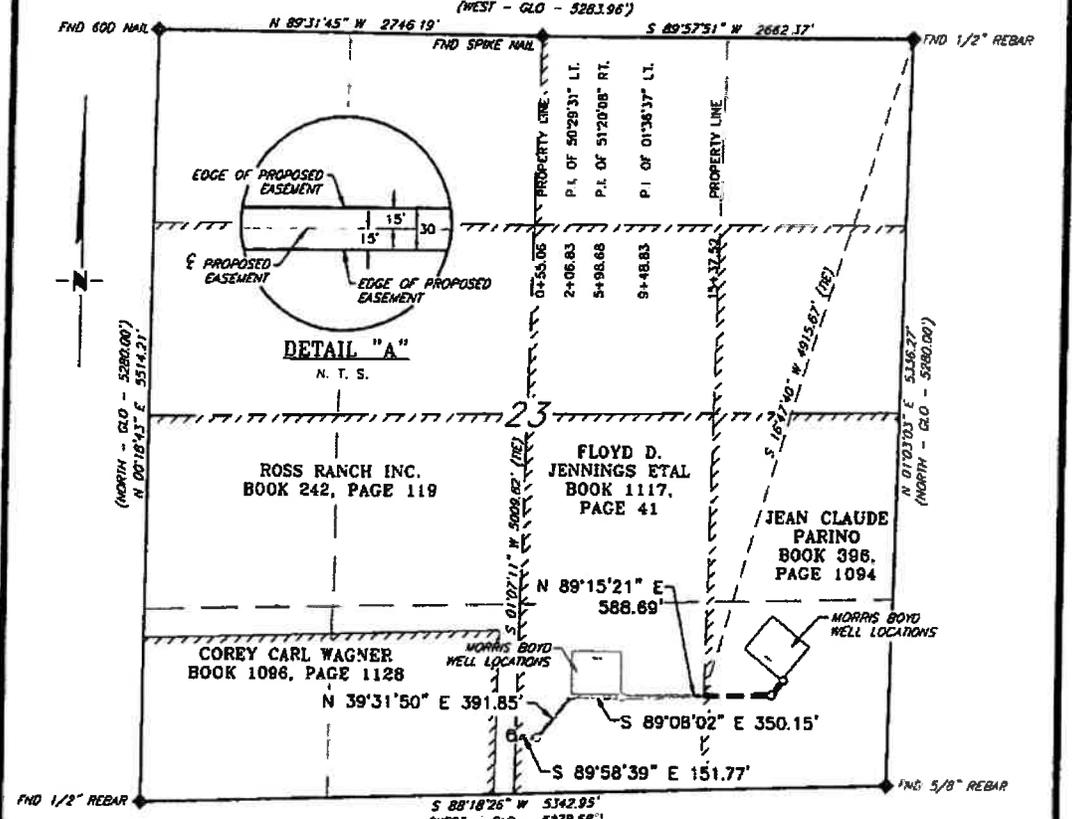
I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plot from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett NM PS 19680

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NO. REVISION DATE			RRC	SCALE: 1" = 1000'
JOB NO.: S20110722				DATE: 11-30-2020
DWG. NO.: 20110722-7			TC: S. CECIL ST., MOBBES, NM 88240 (375) 564-8206	SURVEYED BY: JF/JH
				DRAWN BY: GA
				APPROVED BY: RMH
				SHEET: 2 OF 3

SPUR ENERGY PARTNERS LLC.
PROPOSED SOUTH ELECTRIC LINE FOR THE MORRIS BOYD WELL LOCATIONS
 SECTION 23, T19S, R25E
 N. M. P. M., EDDY COUNTY, NEW MEXICO



DETAIL "A"
 N. T. S.

DESCRIPTION

A strip of land 30 feet wide, being 1,482.46 feet or 89.846 rods in length, lying in Section 23, Township 19 South, Range 25 East, N. M. P. M., Eddy County, New Mexico, being 15 feet left and 15 feet right of the following described survey of a centerline across the lands of Floyd D. Jennings ETAL, according to a deed filed for record in Book 1117, Page 41, of the Deed Records of Eddy County, New Mexico:

- BEGINNING** at Engr. Sta. 0+55.06, a point on the West line of the East half of Section 23, which bears, S 01°07'11" W, 5,009.82 feet from a spike nail, found for the North quarter corner of Section 23;
- Thence S 89°58'39" E, 151.77 feet, to Engr. Sta. 2+06.83, a P. I. of 50°29'31" left;
- Thence N 39°31'50" E, 391.85 feet, to Engr. Sta. 5+98.68, a P. I. of 51°20'08" right;
- Thence S 89°08'02" E, 350.15 feet, to Engr. Sta. 9+48.83, a P. I. of 01°36'37" left;
- Thence N 89°15'21" E, 588.69 feet, to Engr. Sta. 15+37.52, a point on the East line of the West half of the East half of Section 23, which bears, S 16°47'40" W, 4,915.67 feet from a 1/2" rebar, found for the Northeast corner of Section 23.

Said strip of land contains 1.021 acres, more or less, and is allocated by forties as follows:

SCALE: 1" = 1000' SE 1/4 SE 1/4 89.846 Rods 1.021 Acres

BEARINGS ARE GRID NAD 83
 NAD 83
 DISTANCES ARE HORIZ. GROUND.

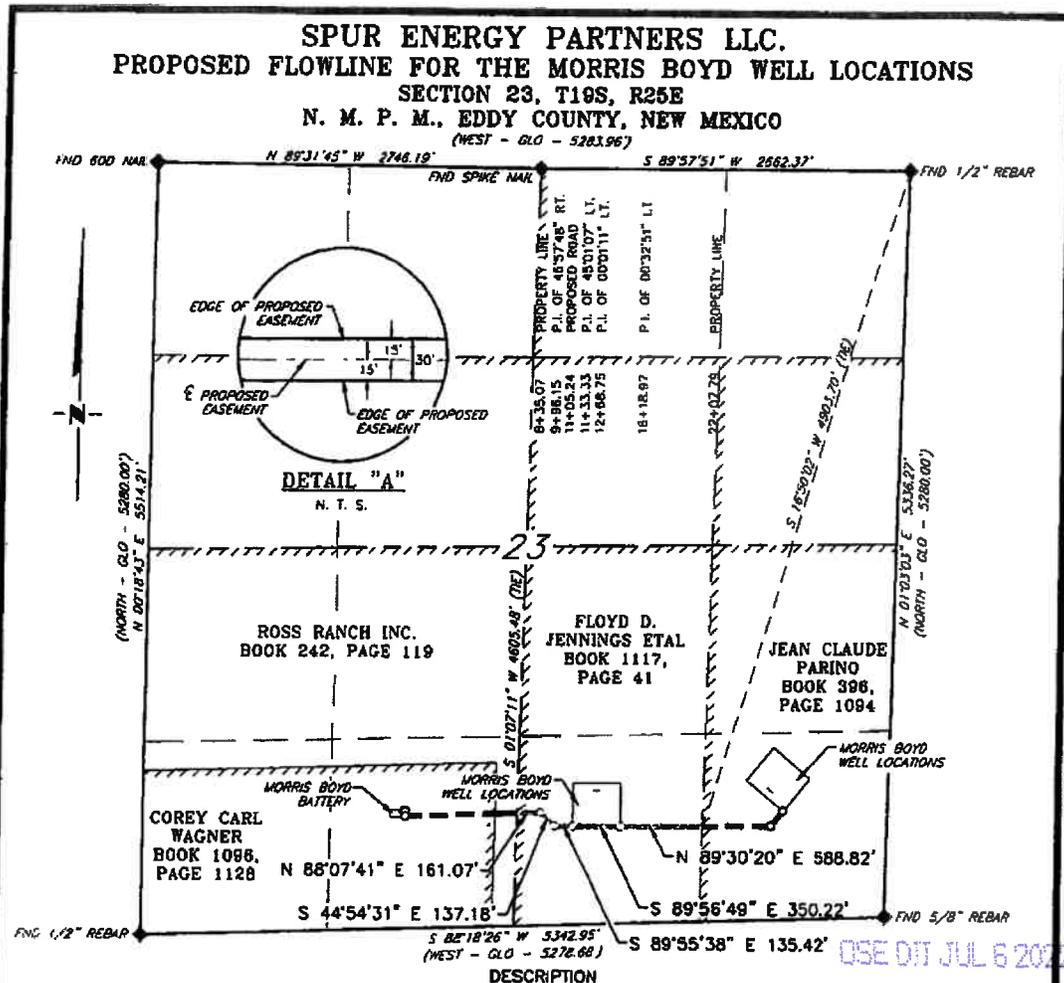
LEGEND
) RECORD DATA - G.L.O.
 FOUND MONUMENT AS NOTED
 PROPOSED ELECTRIC LINE

I, R. M. Howett, a N. M. Professional Surveyor, hereby certify that I prepared this plat from an actual survey made on the ground under my direct supervision, said survey and plat meet the Min. Stds. for Land Surveying in the State of N. M. and are true and correct to the best of my knowledge and belief.

Robert M. Howett NM PS 19680

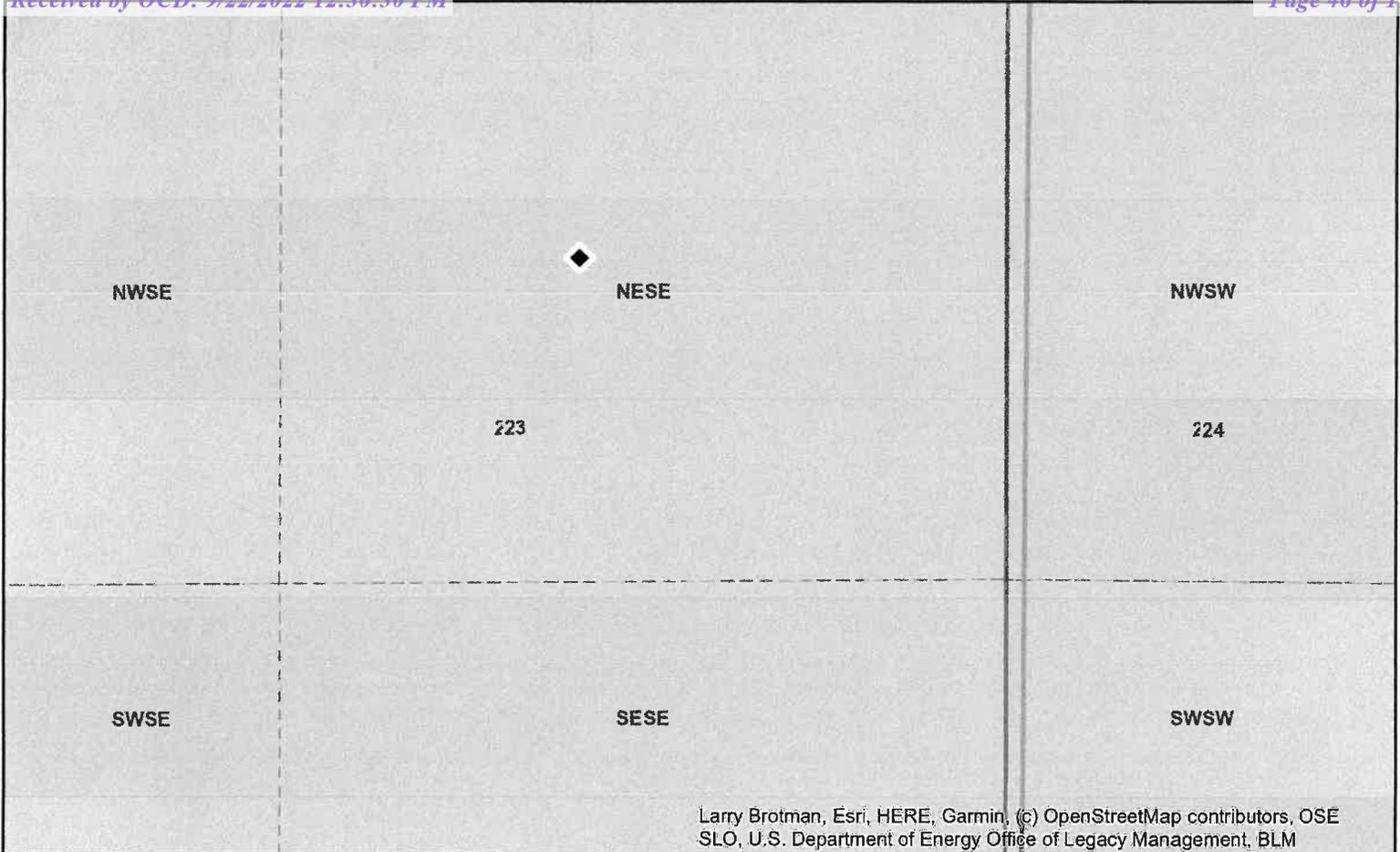
Copyright 2018 - All Rights Reserved

NO. REVISION DATE			RRC	SCALE: 1" = 1000'
JOB NO.: LS20110676				DATE: 11-30-2020
DWG. NO.: 20110676-4			701 S. OSCIL ST., HOBBS, NM 88240 (575) 564-8200	SURVEYED BY: JF/JH
				DRAWN BY: GA
				APPROVED BY: RMH
				SHEET: 3 OF 4



DSE DTJ JUL 6 2022 PM3:41

NO.	REVISION	DATE	RRC					SCALE: 1" = 1000'
JOB NO.: 520110728			701 S. CECIL ST., HOBBS, NM 88240 (505) 984-8200					DATE: 11-30-2020
DWG. NO.: 20110728-4								

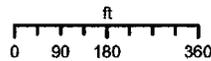


Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, OSE SLO, U.S. Department of Energy Office of Legacy Management, BLM

Coordinates
UTM - NAD 83 (m) - Zone 13
 Easting 551645.304
 Northing 3611982.557
State Plane - NAD 83 (f) - Zone E
 Easting 505627.759
 Northing 598125.604
Degrees Minutes Seconds
 Latitude 32 : 38 : 39.290000
 Longitude -104 : 26 : 57.690000
 Location pulled from Coordinate Search

NEW MEXICO OFFICE
 OF THE
 STATE ENGINEER

1:4,514



MA

7/11/2022



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that these maps accurately reflect the source data used in their preparation; however, a degree of error is inherent in all maps, and these maps may contain omissions and errors in scale, resolution, projection, positional accuracy, development methodology, interpretation of source data, and other circumstances. These maps are distributed "as is" without warranty of any kind.

Spatial Information
County: Eddy
Groundwater Basin: Roswell
Abstract Area: Roswell Artesian
Land Grant:
 Not in Land Grant
Restrictions:
PLSS Description
 NESWNESE Qtr of Sec 23 of 019S 025E

Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Parcel Information
 UPC/DocNum: 4149112462396
 Parcel Owner: Parino, Jean Claude
 Address: Lakewood (Village) null null

Legal: Quarter: Se S: 23 T: 19S R: 25E E2Se Map# 140-23.5
 Loc: Lakewood

POD Information
Owner: SPUR ENERGY PARTNERS
File Number:
POD Status: NoData
Permit Status: NoData
Permit Use: NoData
Purpose: MONITORING

- ◆ Coord Search Location
- Water Right Regulations
- Closure Area
- OSE District Boundary
- Counties
- Lincoln County Parcels 2021
- Site Boundaries
- Sections
- BLM Land Grant
- PLSS Township
- PLSS First Div...
- PLSS Second...

OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION - ROSWELL OFFICE

OFFICIAL RECEIPT NUMBER: 2 - 44782 DATE: 7/6/22 FILE NO.:
TOTAL: 5.00 RECEIVED: Five \$/100 DOLLARS CHECK NO.: 38162 CASH:
PAYOR: AEA ADDRESS: 2804 W. 2nd St CITY: Roswell STATE: NM
ZIP: 85201 RECEIVED BY: AR

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. Original to payor; pink copy to Program Support/ASD; and yellow copy for Water Rights. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of your daily deposit.

A. Ground Water Filing Fees

- 1. Change of Ownership of Water Right \$ 2.00
2. Application to Appropriate or Supplement Domestic 72-12-1 Well \$ 125.00
3. Application to Repair or Deepen 72-12-1 Well \$ 75.00
4. Application for Replacement 72-12-1 Well \$ 75.00
5. Application to Change Purpose of Use 72-12-1 Well \$ 75.00
6. Application for Stock Well/Temp. Use \$ 5.00

B. Surface Water Filing Fees

- 1. Change of Ownership of a Water Right \$ 5.00
2. Declaration of Water Right \$ 10.00
3. Amended Declaration \$ 25.00
4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water \$ 200.00
5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water \$ 200.00
6. Application to Change Point of Diversion \$ 100.00

C. Well Driller Fees

- 1. Application for Well Driller's License \$ 50.00
2. Application for Renewal of Well Driller's License \$ 50.00
3. Application to Amend Well Driller's License \$ 50.00

D. Reproduction of Documents

- @ 0.25¢
Map(s) @ \$3.00

E. Certification

F. Other

G. Comments:

Walkin

- 7. Application to Appropriate Irrigation, Municipal, or Commercial Use \$ 25.00
8. Declaration of Water Right \$ 1.00
9. Application for Additional Point of Diversion Non 72-12-1 Per Well \$ 25.00
10. Application to Change Place or Purpose of Use Non 72-12-1 Well \$ 25.00
11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water \$ 50.00
12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water \$ 50.00
13. Application to Change Point of Diversion of Non 72-12-1 Well \$ 25.00
14. Application to Repair or Deepen Non 72-12-1 Well \$ 5.00

- 15. Application for Test, Expl. Observ. Well \$ 5.00
16. Application for Extension of Time \$ 25.00
17. Proof of Application to Beneficial Use \$ 25.00
18. Notice of Intent to Appropriate \$ 25.00

All fees are non-refundable.



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 Code	Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
RA 03304	RA	ED		1	27	19S	25E			549081	3610973*	1770	130	60	70
RA 08986	RA	ED	1	3	3	22	19S	25E		548825	3611507	1923	320	220	100
RA 02909	RA	ED	1	3	22	19S	25E			548864	3611989*	1929	188	130	58
RA 05450	RA	CH	4	2	15	19S	25E			550057	3614015*	2539	204	80	124
RA 10496	RA	ED	3	3	4	25	19S	25E		552801	3609865*	2669	110	40	70
RA 09295	RA	ED	4	3	4	13	19S	25E		552979	3613115*	2714	250	85	165
RA 10155	RA	ED	4	3	4	25	19S	25E		553001	3609865*	2826	225	60	165
RA 09293	RA	ED	3	4	4	13	19S	25E		553180	3613114*	2881	250	60	190
RA 09294	RA	ED	3	4	4	13	19S	25E		553180	3613114*	2881	194	76	118

Average Depth to Water: **90 feet**

Minimum Depth: **40 feet**

Maximum Depth: **220 feet**

Record Count: 9

UTMNAD83 Radius Search (in meters):

Easting (X): 550747.119

Northing (Y): 3611570.597

Radius: 3000

*UTM location was derived from PLSS - see Help

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

7/12/21 2:56 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.

FEMA Flood Map

Map Unit Description: Pima silt loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Eddy Area, New Mexico

PM—Pima silt loam, 0 to 1 percent slopes

Map Unit Setting

National map unit symbol: 1w56

Elevation: 600 to 4,200 feet

Mean annual precipitation: 8 to 25 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 195 to 290 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pima and similar soils: 98 percent

Minor components: 2 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pima

Setting

Landform: Alluvial fans, alluvial flats, flood plains

Landform position (three-dimensional): Rise, tal

Down-slope shape: Linear, convex

Across-slope shape: Linear, convex

Parent material: Alluvium

Typical profile

H1 - 0 to 3 inches: silt loam

H2 - 3 to 60 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water

(Ksat): Moderately high (0.20 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: RareNone

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water capacity: High (about 11.9 inches)

Interpretive groups

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R042XC017NM - Bottomland

Map Unit Description: Pima silt loam, 0 to 1 percent slopes---Eddy Area, New Mexico

Hydric soil rating: No

Minor Components

Dev

Percent of map unit: 1 percent

Ecological site: R042XC017NM - Bottomland

Hydric soil rating: No

Reagan

Percent of map unit: 1 percent

Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 16, Jun 8, 2020

National Flood Hazard Layer FIRMette



104°27'51"W 32°38'41"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
 Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone X
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/27/2021 at 8:41 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 12/14/2022 10:00:39 AM

Received by OCD: 9/22/2022 12:30:30 PM

Page 52 of 117



Appendix C:

C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 Department

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

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Spur Energy Partners	OGRID 328947
Contact Name Braidy Moulder	Contact Telephone 713-264-2517
Contact email bmoulder@spureplc.com	Incident # (assigned by OCD)
Contact mailing address 919 Milam Street Suite 2475 Houston, TX 77002	

Location of Release Source

Latitude 32.640573 Longitude -104.458957
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Morris Boyd St Com #4H CTB	Site Type Production Facility
Date Release Discovered 4-9-22	API# 30-015-44741

Unit Letter	Section	Township	Range	County
N	23	19S	25E	Eddy

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released 104 bbls	Volume Recovered 70 bbls
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release Communication system failure resulting in tank high levels and no alarm to notify personnel. This resulted in tanks running over. The release stayed inside the earthen berm.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? This spill was greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, an email was sent to NMOCD personnel via email on April 10, 2022 at 9:26 am sent by Braidy Moulder with Spur.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
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.	
Printed Name: Braidy Moulder Signature: <u>Braidymoulder</u> email: bmoulder@spurenergy.com	Title: HSE Manager Date: 4-12-22 Telephone: 713-264-2517
<u>OCD Only</u> Received by: _____ Date: _____	

State of New Mexico
Oil Conservation Division

Form C-141

Incident ID	NAPP2215340726
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	<u>82</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	NAPP2215340726
District RP	
Facility ID	
Application ID	

and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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.

Printed Name: Chad Hensley.

Title: HSE Coordinator

Signature: Chad Hensley

Date: 09/22/2022

email: chensley@spurenergy.com

Telephone: 346-339-1494

OCD Only

Received by: Jocelyn Harimon

Date: 09/22/2022

Incident ID	NAPP2215340726
District RP	
Facility ID	
Application ID	

Closure

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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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.

Printed Name: Chad Hensley.

Title: HSE Coordinator

Signature: _____

Date:

email: chensley@spurenergy.com

Telephone: 346-339-1494

OCD Only

Received by: Jocelyn Harimon

Date: 09/22/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____



Appendix D:

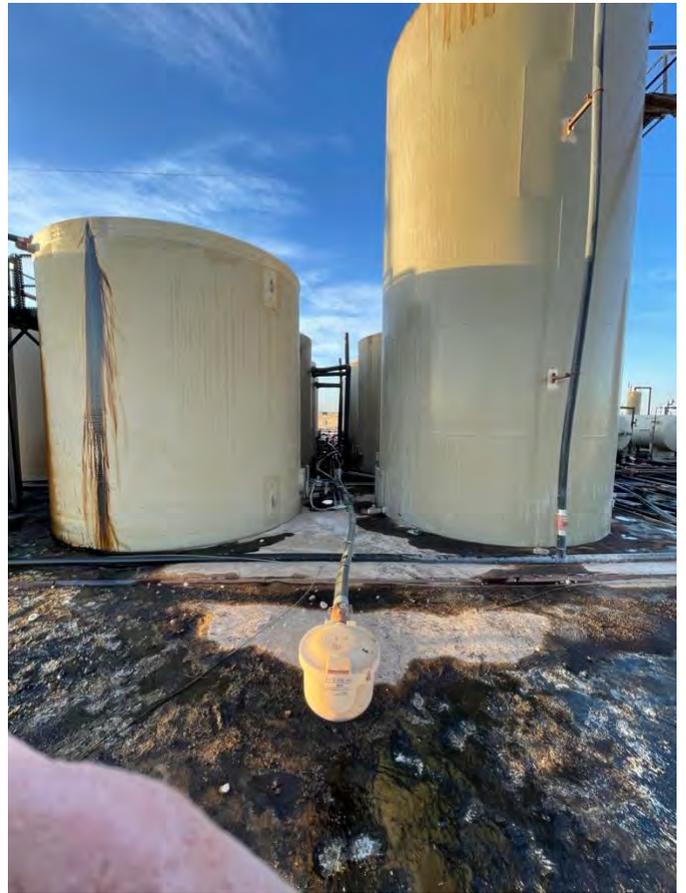
Photographic Documentation

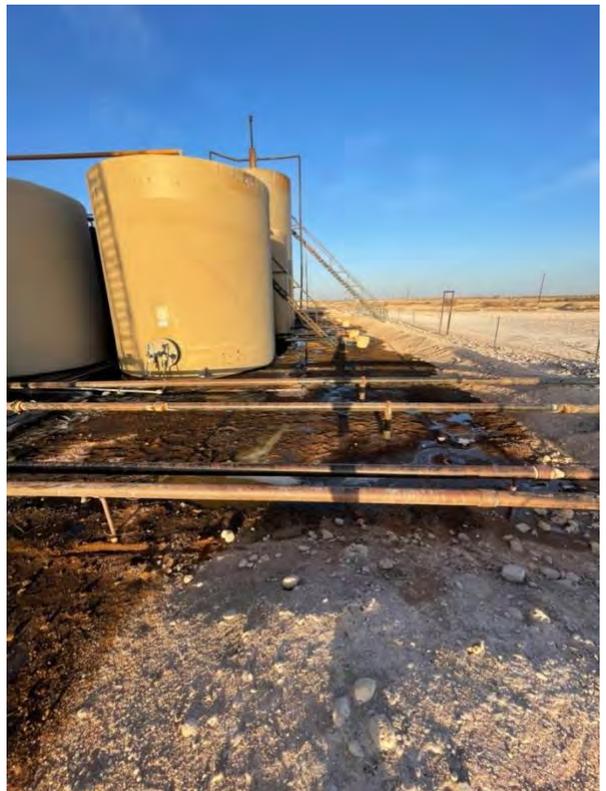
Email Notification



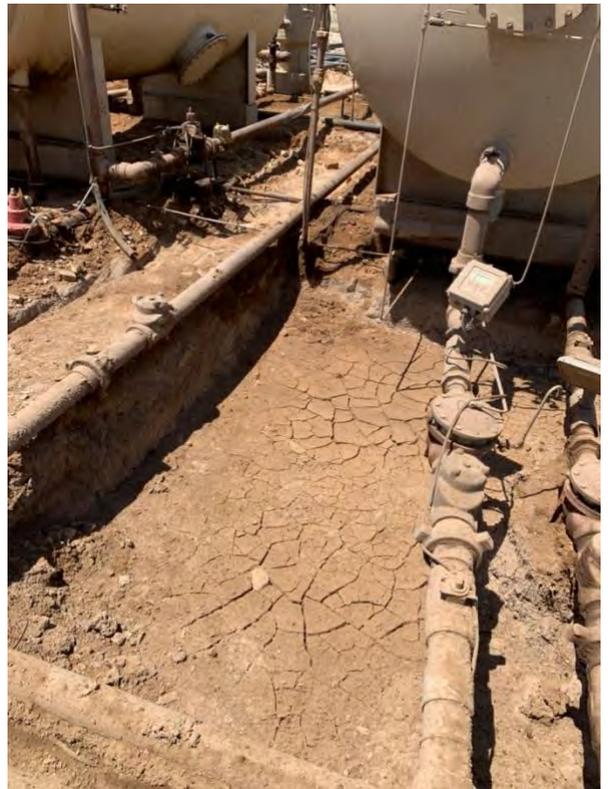
Morris Boyd St Com Battery Photographic Documentation

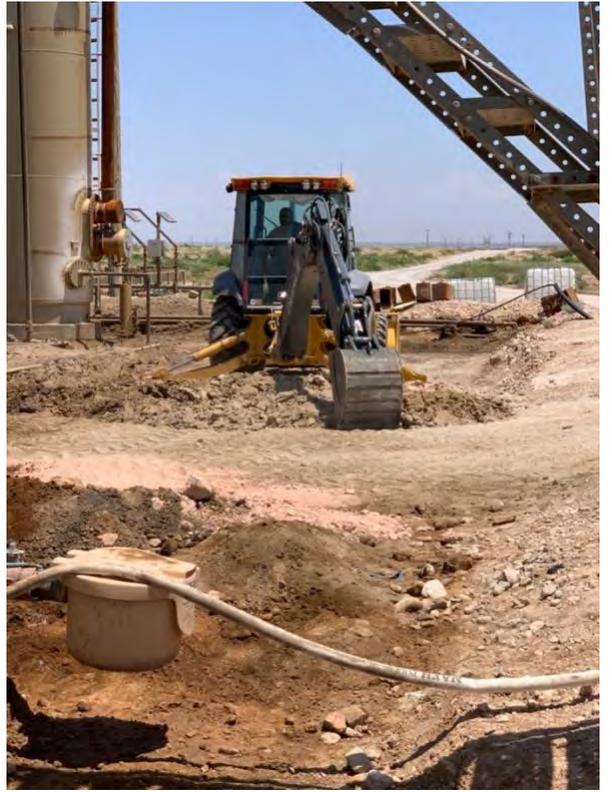
Before Remediation





During Remediation





Hydrovac



Completed





Tuesday, September 13, 2022 at 12:34:02 Central Daylight Time

Subject: NAPP2215340726 Additional Confirmation Samples
Date: Thursday, August 11, 2022 at 2:55:07 PM Central Daylight Time
From: Chris Jones
To: EMNRD Bratcher Mike, EMNRD Hamlet Robert, Nobui Jennifer EMNRD,
OCDOnline@state.nm.us
CC: Tristan Jones, Angel Pena
Attachments: image001.jpg

All,

This is to inform you all we will be collecting additional confirmation samples at the Morris Boyd St Com Battery on August 15, 2022, at 0830. If you have any questions or concerns, please let me know.

Thank You,

Chris Jones
Environmental Professional
1601 N. Turner Ste. 500
Hobbs, NM 88240
chris@paragonenvironmental.net
575-631-6977 cell



“We do not inherit the Earth
from our ancestors; we borrow
it from our children.”
Chief Seattle

Wednesday, August 3, 2022 at 09:29:24 Mountain Daylight Time

Subject: Confirmation Sampling

Date: Friday, July 22, 2022 at 1:03:56 PM Mountain Daylight Time

From: Chris Jones

To: EMNRD Bratcher Mike, EMNRD Hamlet Robert, Nobui Jennifer EMNRD

CC: Chad Hensley, Braidy Moulder, Tristan Jones, Angel Pena

Mr Bratcher,

Paragon will be conducting confirmation soils sampling at the Morris Boyd, referenced incident, on 7-25-22 at 9am.

If there are any questions or comments please feel free to respond.

Thank You,

Chris Jones
Environmental Professional
Cell 575-631-6977

"We do not inherit the earth from our ancestors; we borrow it from our children." Chief Seattle



Appendix E:
Laboratory Results



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 22, 2022

CASON SPURLOCK
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: MORRIS BOYD

Enclosed are the results of analyses for samples received by the laboratory on 04/18/22 12:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BG - 1 (H221582-01)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	0.194	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	0.293	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	0.592	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	1.08	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	207	103	200	1.24	
DRO >C10-C28*	<10.0	10.0	04/20/2022	ND	214	107	200	0.539	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 108 % 66.9-136

Surrogate: 1-Chlorooctadecane 123 % 59.5-142

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: BG - 2 (H221582-02)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.273	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	2.36	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	1.46	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	2.47	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	6.56	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.3	10.0	04/20/2022	ND	207	103	200	1.24	
DRO >C10-C28*	10.1	10.0	04/20/2022	ND	214	107	200	0.539	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 114 % 66.9-136

Surrogate: 1-Chlorooctadecane 130 % 59.5-142

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: BG - 3 (H221582-03)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.182	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	3.48	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	3.66	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	6.52	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	13.8	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	45.2	10.0	04/20/2022	ND	202	101	200	2.23	
DRO >C10-C28*	22.3	10.0	04/20/2022	ND	210	105	200	1.26	
EXT DRO >C28-C36	<10.0	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 74.9 % 66.9-136

Surrogate: 1-Chlorooctadecane 72.7 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 1 - 6" (H221582-04)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	11.7	1.00	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	116	1.00	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	105	1.00	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	178	3.00	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	411	6.00	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	2130	50.0	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	3750	50.0	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	536	50.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 348 % 66.9-136

Surrogate: 1-Chlorooctadecane 300 % 59.5-142

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 1 - 1' (H221582-05)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	49.2	2.00	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	331	2.00	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	250	2.00	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	415	6.00	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	1050	12.0	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	7470	50.0	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	12300	50.0	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	1850	50.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 924 % 66.9-136

Surrogate: 1-Chlorooctadecane 941 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 2 - 6" (H221582-06)

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.26	0.200	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	20.7	0.200	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	21.8	0.200	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	39.4	0.600	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	83.2	1.20	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 141 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	475	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	1840	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	333	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 168 % 66.9-136

Surrogate: 1-Chlorooctadecane 222 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 2 - 1' (H221582-07)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	1.59	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	2.25	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	4.39	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	8.28	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	98.9	10.0	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	770	10.0	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	166	10.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 164 % 59.5-142

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 3 - 6" (H221582-08)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	212	5.00	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	900	5.00	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	546	5.00	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	886	15.0	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	2540	30.0	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	19700	100	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	29200	100	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	4510	100	04/20/2022	ND						

Surrogate: 1-Chlorooctane 2090 % 66.9-136

Surrogate: 1-Chlorooctadecane 1770 % 59.5-142

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 3 - 1' (H221582-09)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	247	5.00	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	861	5.00	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	470	5.00	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	739	15.0	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	2320	30.0	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	19800	100	04/20/2022	ND	210	105	200	0.818	QM-07	
DRO >C10-C28*	23700	100	04/20/2022	ND	211	106	200	1.29	QM-07	
EXT DRO >C28-C36	3570	100	04/20/2022	ND						

Surrogate: 1-Chlorooctane 1820 % 66.9-136

Surrogate: 1-Chlorooctadecane 1460 % 59.5-142

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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 4 - 6" (H221582-10)

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.13	0.500	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	87.1	0.500	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	78.0	0.500	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	141	1.50	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	313	3.00	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 151 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1680	50.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	2910	50.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	457	50.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 307 % 66.9-136

Surrogate: 1-Chlorooctadecane 274 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 4 - 1' (H221582-11)

BTEX 8021B		mg/kg		Analyzed By: MS/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.14	0.100	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	15.8	0.100	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	17.3	0.100	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	33.9	0.300	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	68.2	0.600	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 170 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	446	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	919	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	129	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 161 % 66.9-136

Surrogate: 1-Chlorooctadecane 163 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 5 - 6" (H221582-12)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	0.412	0.050	04/19/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	0.395	0.050	04/19/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	0.761	0.150	04/19/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	1.57	0.300	04/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	152	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	36.7	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 120 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received: 04/18/2022
 Reported: 04/22/2022
 Project Name: MORRIS BOYD
 Project Number: 1-10
 Project Location: SPUR - EDDY CO NM

Sampling Date: 04/14/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S - 5 - 1' (H221582-13)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/20/2022	ND	1.87	93.3	2.00	6.93	
Toluene*	0.238	0.050	04/20/2022	ND	1.85	92.5	2.00	7.41	
Ethylbenzene*	0.332	0.050	04/20/2022	ND	1.76	87.8	2.00	7.28	
Total Xylenes*	0.714	0.150	04/20/2022	ND	5.49	91.5	6.00	6.79	
Total BTEX	1.28	0.300	04/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/20/2022	ND	210	105	200	0.818	
DRO >C10-C28*	116	10.0	04/20/2022	ND	211	106	200	1.29	
EXT DRO >C28-C36	25.4	10.0	04/20/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 112 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 6 - 6" (H221582-14)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	68.5	2.00	04/21/2022	ND	2.11	106	2.00	0.361	
Toluene*	316	2.00	04/21/2022	ND	2.11	106	2.00	1.26	
Ethylbenzene*	206	2.00	04/21/2022	ND	2.03	101	2.00	0.772	
Total Xylenes*	330	6.00	04/21/2022	ND	6.29	105	6.00	0.899	
Total BTEX	920	12.0	04/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	6420	10.0	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	8330	10.0	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	1240	10.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 699 % 66.9-136

Surrogate: 1-Chlorooctadecane 761 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
 CASON SPURLOCK
 5002 CARRAIGE RD
 HOBBS NM, 88242
 Fax To:

Received:	04/18/2022	Sampling Date:	04/14/2022
Reported:	04/22/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Jodi Henson
Project Location:	SPUR - EDDY CO NM		

Sample ID: S - 6 - 1' (H221582-15)

BTEX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	44.0	2.00	04/21/2022	ND	2.11	106	2.00	0.361	
Toluene*	224	2.00	04/21/2022	ND	2.11	106	2.00	1.26	
Ethylbenzene*	149	2.00	04/21/2022	ND	2.03	101	2.00	0.772	
Total Xylenes*	246	6.00	04/21/2022	ND	6.29	105	6.00	0.899	
Total BTEX	663	12.0	04/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/20/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	3670	10.0	04/20/2022	ND	210	105	200	0.818		
DRO >C10-C28*	4630	10.0	04/20/2022	ND	211	106	200	1.29		
EXT DRO >C28-C36	697	10.0	04/20/2022	ND						

Surrogate: 1-Chlorooctane 372 % 66.9-136

Surrogate: 1-Chlorooctadecane 460 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental		P.O. #:	
Project Manager: Cason Spurlock		Company: Spur	
Address: 5002 Carriage Rd		Attn: Brady Moulder	
City: Hobbs	State: NM Zip: 88242	Address:	
Phone #: 575-631-6977	Fax #:	City:	
Project #: 4000 110	Project Owner: Spur	State:	
Project Name: Morris Boyd	Project Location: Eddy, NM	Zip:	
Sampler Name: Travis Collins	Fax #:	Phone #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	Chlorides	TPH-EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H221582	BG-1	G	1			X				4/14/22	830	X	X	X
	BG-2	G	1			X					840	X	X	X
	BG-3	G	1			X					850	X	X	X
	S-1-6"	G	1			X					900	X	X	X
	S-1-1'	G	1			X					910	X	X	X
	S-2-6"	G	1			X					920	X	X	X
	S-2-1'	G	1			X					930	X	X	X
	S-3-6"	G	1			X					940	X	X	X
	S-3-1'	G	1			X					950	X	X	X

Relinquished By: <i>Travis Collins</i>	Date: 4/18	Received By: <i>Brady Moulder</i>	Date: 4/18
Relinquished By: <i>Travis Collins</i>	Time: 2:51	Received By: <i>Brady Moulder</i>	Time:

Delivered By: (Circle One)	Sample Condition	CHECKED BY (Initials)
Sampler - UPS - Bus - Other: <i>D.Oc #113</i>	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>[Signature]</i>

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 04, 2022

CHRIS JONES
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: MORRIS BOYD

Enclosed are the results of analyses for samples received by the laboratory on 07/29/22 9:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	07/29/2022	Sampling Date:	07/25/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO NM		

Sample ID: S 1 (H223349-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2022	ND	1.96	98.2	2.00	9.67	
Toluene*	0.311	0.050	08/02/2022	ND	2.07	104	2.00	9.38	
Ethylbenzene*	0.565	0.050	08/02/2022	ND	2.15	107	2.00	10.5	
Total Xylenes*	1.47	0.150	08/02/2022	ND	6.59	110	6.00	11.4	
Total BTEX	2.35	0.300	08/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	15.6	10.0	07/30/2022	ND	220	110	200	5.43	
DRO >C10-C28*	582	10.0	07/30/2022	ND	211	105	200	1.37	
EXT DRO >C28-C36	95.6	10.0	07/30/2022	ND					

Surrogate: 1-Chlorooctane 74.2 % 43-149

Surrogate: 1-Chlorooctadecane 69.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	07/29/2022	Sampling Date:	07/25/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO NM		

Sample ID: S 2 (H223349-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2022	ND	1.96	98.2	2.00	9.67	
Toluene*	0.297	0.050	08/02/2022	ND	2.07	104	2.00	9.38	
Ethylbenzene*	0.463	0.050	08/02/2022	ND	2.15	107	2.00	10.5	
Total Xylenes*	1.70	0.150	08/02/2022	ND	6.59	110	6.00	11.4	
Total BTEX	2.46	0.300	08/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 132 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.7	10.0	08/03/2022	ND	207	103	200	0.768	
DRO >C10-C28*	3030	10.0	08/03/2022	ND	206	103	200	1.53	QM-07
EXT DRO >C28-C36	662	10.0	08/03/2022	ND					

Surrogate: 1-Chlorooctane 87.6 % 43-149

Surrogate: 1-Chlorooctadecane 132 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S 3 (H223349-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2022	ND	1.96	98.2	2.00	9.67	
Toluene*	<0.050	0.050	08/02/2022	ND	2.07	104	2.00	9.38	
Ethylbenzene*	<0.050	0.050	08/02/2022	ND	2.15	107	2.00	10.5	
Total Xylenes*	<0.150	0.150	08/02/2022	ND	6.59	110	6.00	11.4	
Total BTEX	<0.300	0.300	08/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	207	103	200	0.768	
DRO >C10-C28*	1320	10.0	08/03/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	408	10.0	08/03/2022	ND					

Surrogate: 1-Chlorooctane 76.7 % 43-149

Surrogate: 1-Chlorooctadecane 88.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S 4 (H223349-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	0.084	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	0.154	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	1.06	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	1.30	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	30.0	10.0	08/03/2022	ND	207	103	200	0.768		
DRO >C10-C28*	5790	10.0	08/03/2022	ND	206	103	200	1.53		
EXT DRO >C28-C36	1370	10.0	08/03/2022	ND						

Surrogate: 1-Chlorooctane 89.8 % 43-149

Surrogate: 1-Chlorooctadecane 353 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: S 5 (H223349-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	<0.050	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	207	103	200	0.768	
DRO >C10-C28*	898	10.0	08/02/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	259	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 76.1 % 43-149

Surrogate: 1-Chlorooctadecane 113 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	07/29/2022	Sampling Date:	07/25/2022
Reported:	08/04/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO NM		

Sample ID: S 6 (H223349-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	<0.050	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/03/2022	ND	207	103	200	0.768	
DRO >C10-C28*	1200	10.0	08/03/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	434	10.0	08/03/2022	ND					

Surrogate: 1-Chlorooctane 83.1 % 43-149

Surrogate: 1-Chlorooctadecane 144 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 1 (H223349-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	<0.050	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	207	103	200	0.768	
DRO >C10-C28*	14.5	10.0	08/02/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 66.8 % 43-149

Surrogate: 1-Chlorooctadecane 66.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 2 (H223349-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	<0.050	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	207	103	200	0.768	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 82.9 % 43-149

Surrogate: 1-Chlorooctadecane 83.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received: 07/29/2022
Reported: 08/04/2022
Project Name: MORRIS BOYD
Project Number: NOT GIVEN
Project Location: SPUR - EDDY CO NM

Sampling Date: 07/25/2022
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BG - 3 (H223349-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/01/2022	ND	1.96	97.9	2.00	7.62	
Toluene*	0.067	0.050	08/01/2022	ND	2.04	102	2.00	6.64	
Ethylbenzene*	<0.050	0.050	08/01/2022	ND	2.09	105	2.00	7.21	
Total Xylenes*	<0.150	0.150	08/01/2022	ND	6.40	107	6.00	7.44	
Total BTEX	<0.300	0.300	08/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/02/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2022	ND	207	103	200	0.768	
DRO >C10-C28*	<10.0	10.0	08/02/2022	ND	206	103	200	1.53	
EXT DRO >C28-C36	<10.0	10.0	08/02/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 43-149

Surrogate: 1-Chlorooctadecane 84.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 225 Billy Walker Rd
City: Hobbs State: NM Zip: 88240
Phone #: (575)631-6977 Fax #: Project Owner: Steve Enright
Project #: Project Location: Miller's Boggs
Project Name: Tiffen Jones
Sampler Name: Tiffen Jones
FOR LAB USE ONLY

P.O. #: Company: Steve Enright
Address: City: State: Zip:
Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
18033349	31								8-25	12:22	TPH	
	32										BTCX	
	33										Chlorides	
	34											
	35											
	36											
	37											
	38											
	39											

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Relinquished By: [Signature] Date: 8-22-22 Received By: [Signature] Date: 8-22-22
Type: [Blank] Sample Condition: [Blank] Intact: [Blank] Cool: [Blank]
Delivered By: (Circle One) UPS - Bus - Other: [Blank] 2.80 \$ 80.00 \$
Sampler - UPS - Bus - Other: [Blank] 2.80 \$ 80.00 \$
Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 19, 2022

CHRIS JONES
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: MORRIS BOYD ST COM 4 H

Enclosed are the results of analyses for samples received by the laboratory on 08/16/22 10:47.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-1 E.SW (H223742-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/18/2022	ND	1.97	98.7	2.00	5.91	
Toluene*	<0.050	0.050	08/18/2022	ND	1.95	97.4	2.00	5.48	
Ethylbenzene*	<0.050	0.050	08/18/2022	ND	1.89	94.7	2.00	5.32	
Total Xylenes*	<0.150	0.150	08/18/2022	ND	5.89	98.2	6.00	4.81	
Total BTEX	<0.300	0.300	08/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	186	92.9	200	3.29	
DRO >C10-C28*	159	10.0	08/17/2022	ND	185	92.6	200	2.52	
EXT DRO >C28-C36	42.2	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 73.3 % 43-149

Surrogate: 1-Chlorooctadecane 79.8 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-1 S.SW (H223742-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	186	92.9	200	3.29	
DRO >C10-C28*	154	10.0	08/17/2022	ND	185	92.6	200	2.52	
EXT DRO >C28-C36	39.8	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 78.6 % 43-149

Surrogate: 1-Chlorooctadecane 88.3 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-2 BOTTOM COMP. (H223742-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	186	92.9	200	3.29	
DRO >C10-C28*	110	10.0	08/17/2022	ND	185	92.6	200	2.52	
EXT DRO >C28-C36	21.4	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 43-149

Surrogate: 1-Chlorooctadecane 89.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-2 S.SW (H223742-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	107	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	22.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 43-149

Surrogate: 1-Chlorooctadecane 98.9 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-3 BOTTOM COMP. (H223742-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	310	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	76.6	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 85.9 % 43-149

Surrogate: 1-Chlorooctadecane 112 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-3 S.SW (H223742-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	490	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	136	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 43-149

Surrogate: 1-Chlorooctadecane 115 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-4 BOTTOM COMP. (H223742-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	104	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	18.5	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 84.6 % 43-149

Surrogate: 1-Chlorooctadecane 94.4 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-4 S.SW (H223742-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	92.9	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	13.4	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 43-149

Surrogate: 1-Chlorooctadecane 86.6 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-5 BOTTOM COMP. (H223742-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	357	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	106	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-5 N.SW (H223742-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	356	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	95.4	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 43-149

Surrogate: 1-Chlorooctadecane 119 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-5 W.SW (H223742-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	368	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	107	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 43-149

Surrogate: 1-Chlorooctadecane 110 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-6 BOTTOM COMP. (H223742-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.03	102	2.00	5.07	
Toluene*	<0.050	0.050	08/17/2022	ND	2.00	100	2.00	5.07	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	1.96	98.0	2.00	5.53	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.13	102	6.00	6.35	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	150	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	37.0	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 43-149

Surrogate: 1-Chlorooctadecane 96.1 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
CHRIS JONES
5002 CARRAIGE RD
HOBBS NM, 88242
Fax To:

Received:	08/16/2022	Sampling Date:	08/15/2022
Reported:	08/19/2022	Sampling Type:	Soil
Project Name:	MORRIS BOYD ST COM 4 H	Sampling Condition:	Cool & Intact
Project Number:	1-10	Sample Received By:	Tamara Oldaker
Project Location:	SPUR - EDDY CO		

Sample ID: S-6 N.SW (H223742-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2022	ND	2.11	105	2.00	9.48	
Toluene*	<0.050	0.050	08/17/2022	ND	2.05	102	2.00	9.73	
Ethylbenzene*	<0.050	0.050	08/17/2022	ND	2.00	99.8	2.00	9.71	
Total Xylenes*	<0.150	0.150	08/17/2022	ND	6.18	103	6.00	8.37	
Total BTEX	<0.300	0.300	08/17/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/18/2022	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2022	ND	195	97.7	200	3.65	
DRO >C10-C28*	153	10.0	08/17/2022	ND	226	113	200	1.91	
EXT DRO >C28-C36	33.4	10.0	08/17/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

BILL TO

ANALYSIS REQUEST

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 225 Billy Walker Rd City: Hobbs State: NM Zip: 88240 Phone #: (575)631-6977 Fax #: 88240 Project #: 1-10 Project Owner: SPW Energy Project Location: Morris Blvd St Con 4H Sample Name: Tristin Sores		P.O. #: Company: SPW Energy Attn: Brady Moller Address: State: Zip: Phone #: Fax #:		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME	BTEX Uchlorides TPH EXT
H223742	1 S-1 Eo SW	✓	8/15	
	2 S-1 S.S.W			
	3 S-2 Bottom Comp.			
	4 S-2 S.S.W			
	5 S-3 Bottom Comp.			
	6 S-3 S.S.W			
	7 S-4 Bottom Comp.			
	8 S-4 S.S.W			
	9 S-5 Bottom Comp.			
	10 S-5 N.S.W			

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Relinquished By: _____ Date: **8/16** Received By: **Amara White** Date: **8/16**
 Time: **1047** Time: _____
 Delivered By: (Circle One) **402 C.O.G** Sample Condition: Cool Ambient
 Sampler - UPS - Bus - Other: **342 #13** Yes No Yes No
 CHECKED BY: **YS**
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Paragon Environmental Project Manager: Chris Jones Address: 225 Billy Walker Rd City: Hobbs State: NM Zip: 88240 Phone #: (575)631-6977 Fax #: _____ Project #: 110 Project Owner: SPUR Project Name: Morris Boyd St Lan 4H City: _____ State: _____ Zip: _____ Project Location: Edley Hill Phone #: _____ Sampler Name: Twisten Jones Fax #: _____		BILL TO P.O. #: _____ Company: SPUR Attn: Brendt Mueller Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST		
Lab I.D. H223742 Sample I.D.	(G)RAB OR (C)OMP. <input type="checkbox"/>	MATRIX <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE OTHER : _____ <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> ICE / COOL OTHER : _____	PRESERV. _____ SAMPLING _____	DATE 8/5	TIME	REMARKS BTEX Chlorides TPH EXT
	# CONTAINERS 4					
	SOIL <input type="checkbox"/>					
	DATE 8/5					
11 5-5 W.S.W	12 5-6 Bottom Comp	13 5-6 N.S.W	Date: 8/16	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addtl Phone #: _____
Relinquished By: [Signature]	Date: 8/16	Received By: [Signature]	Time: 1047	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addtl Phone #: _____	
Delivered By: (Circle One) NO	Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact	Checked By: [Signature]	Time: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addtl Phone #: _____	
Sampler - UPS - Bus - Other: 3.42 #113	Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact	Checked By: [Signature]	Time: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Addtl Phone #: _____	

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District I
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District II
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 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 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

CONDITIONS

Action 145603

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 145603
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Closure Report is Approved. Not enough samples were taken from floor of the excavation. The OCD Spill Rule requires confirmation floor samples be collected every 200 ft2. A 5-point composite sample should represent a 200 square foot area. This means that all 5-points should be collected within the same 200 ft2 area. If this is not accomplished on future closure reports, the closure report will be immediately denied.	12/14/2022