

Edge Safety PO Box234 Artesia, NM 88211 575-736-1047

November 16, 2024

NMOCD District 2 811 S. First St Artesia, NM, 88210

Bureau of Land Management 620 East Green Street Carlsbad, NM 88220

RE: Liner Inspection and Closure Report

API No. N/A

GPS: Latitude 32.802926 Longitude -104.078653 UL- J, Section 28, Township 17S, Range 29E NMOCD Reference No. nAPP2428739646

Spur Energy Partners (Spur) has contracted Edge Safety (Edge) to perform a liner inspection and prepare this closure report for the release of produced water that happened at the GJ West Coop Unit 92 Battery (GJ West). On October 15, 2024, the initial C-141 was formally submitted. The corresponding release received the designation Incident ID No. nAPP2428739646 from the New Mexico Oil Conservation Division (NMOCD).

Site Information and Site Characterization

The GJ West is located approximately 11.94 miles southeast of Riverside, NM. This spill site is in Unit J, Section 28, Township 17S, Range 29E, Latitude 32.802926 Longitude -104.078653, Eddy County, NM. A Location Map can be found in Figure 1.

Based on the well water data from the New Mexico Office of the State Engineer, there are no pods located near the GJ West. For detailed references to water surveys and the precise locations of water wells, please refer to Appendix A, inclusive of the relevant maps. Notably, GJ West is situated within an area with a low potential for karst, as illustrated in Figure 3. Additionally, a comprehensive Topographic Map is available for reference in Figure 2.

Release Information

nAPP2428739646: On October 12, 2024, the 4" nipple on the water inlet developed a hole due to internal corrosion causing a 48.3-barrel spill inside lined containment. The total release area measured approximately 2906 square feet.



Site Assessment and Liner Inspection

October 12, 2024 Tri-Star personnel mobilized their team to the GJ West site to conduct remediation efforts within the lined containment area utilizing a Vacuum Truck and Power Washer to uphold integrity of the liner. A thorough cleaning spanning 7414 square feet was completed, with approximately 48-barrels of impacted material successfully extracted. Ensuring proper disposal, all contaminated material was transported and disposed of at R360, an approved disposal facility sanctioned by NMOCD. Following this, a detailed inspection for tears and rips was conducted. Upon confirming the absence of any tears or rips, an inspection was conducted to validate the integrity of the liner.

On November 12, 2024, Spur personnel submitted a notification for a liner inspection. The details of the 48-hour notification can be referenced in Appendix C.

On November 15, 2024, Edge Safety conducted a liner inspection at this location. We concluded that this liner and containment maintained its integrity and was able to retain the fluids. The liner inspection form and photographic documentation can be found in Appendix C.

Closure Request

After careful review, Edge requests that this incident nAPP2428739646 be closed. Spur has complied with the applicable closure requirements.

Should you have any questions or need additional information, please feel free to contact Jennifer Mendoza at 575-748-4929 or ieennifer.m@edgesafetyllc.com.

Respectfully,

Jennífer Mendoza

Jennifer

Owner

Edge Safety

Attachments

Figures:

- 1- Location Map
- 2- Topographic Map
- 3- Karst Map
- 4- Site Map

Appendices:

Appendix A- Referenced Water Surveys

Appendix B- 48 Hour Notification

Appendix C- Liner Inspection Form & Photographic Documentation

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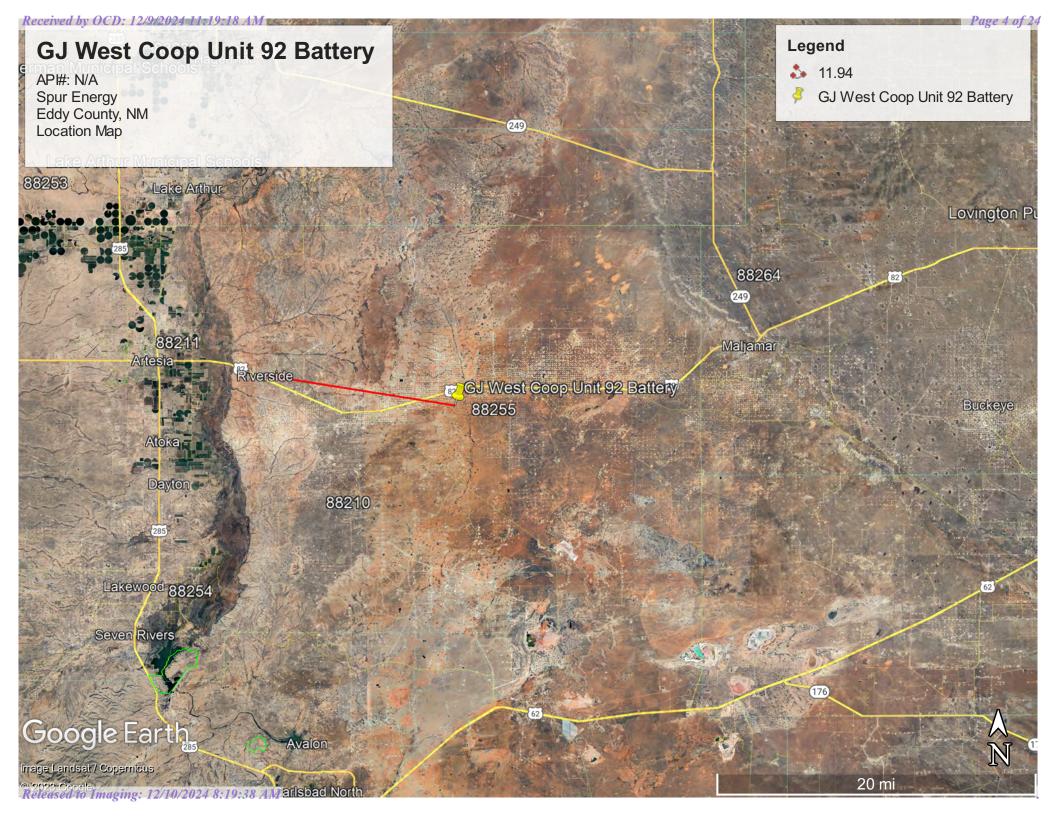
GJ West Coop 92 Battery -Spur



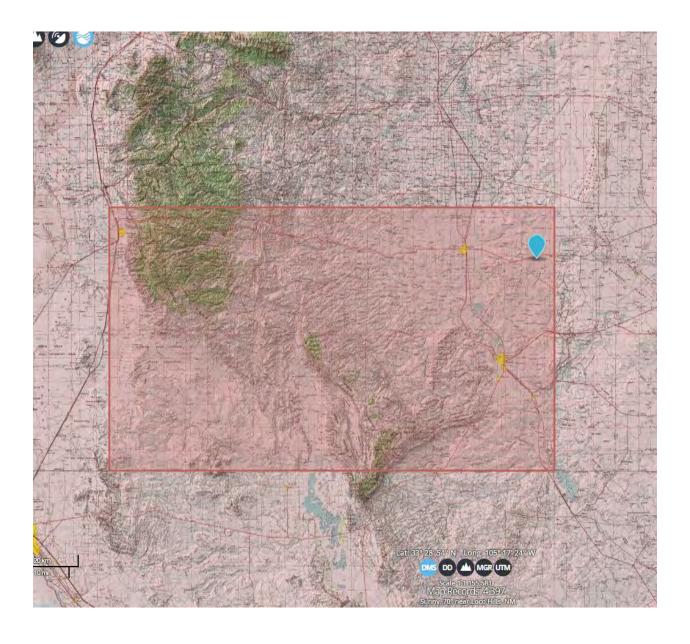
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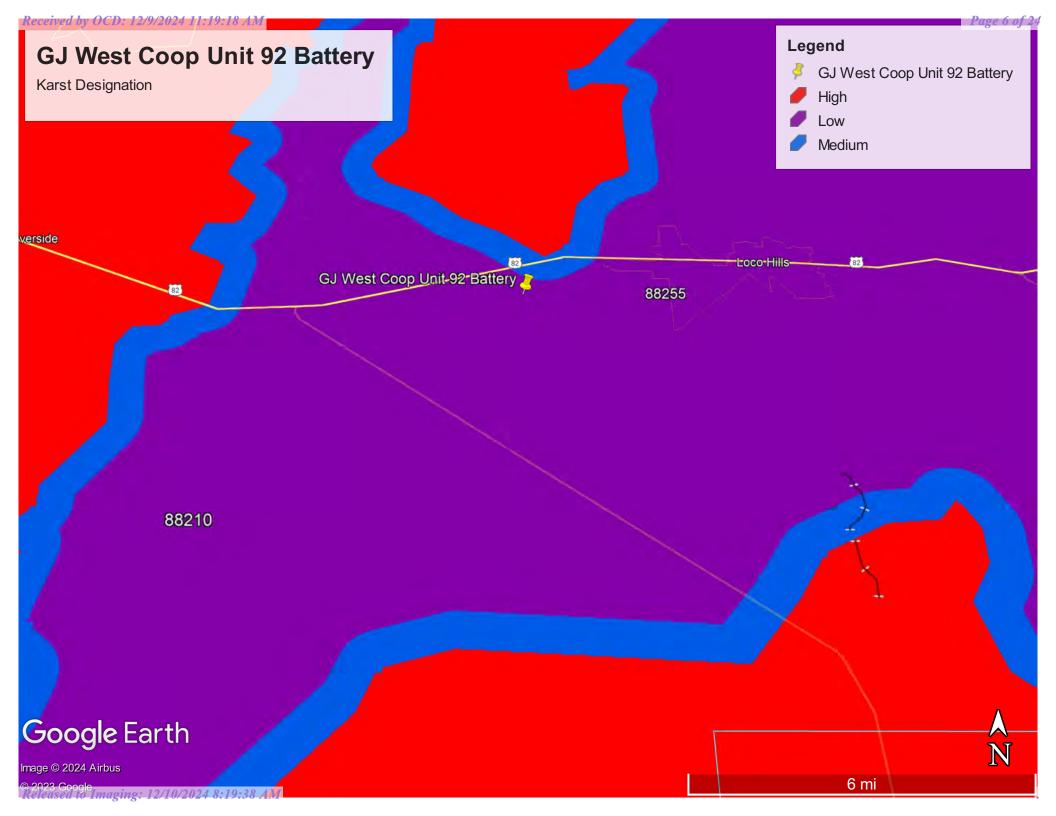
Figures:

- 1. Location Map
- 2. Topographic Map
- 3. Karst Map
- 4. Site Map



GJ West COOP Unit 92 Battery TOPO Map









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Appendix A:

Water Surveys
OSE
Surface Water Map
Wetlands Map

Water Column/Average Depth to Water

No report data available.

Basin/County Search:

County: ED

PLSS Search: Range: 29E Township: 17S Section: 28

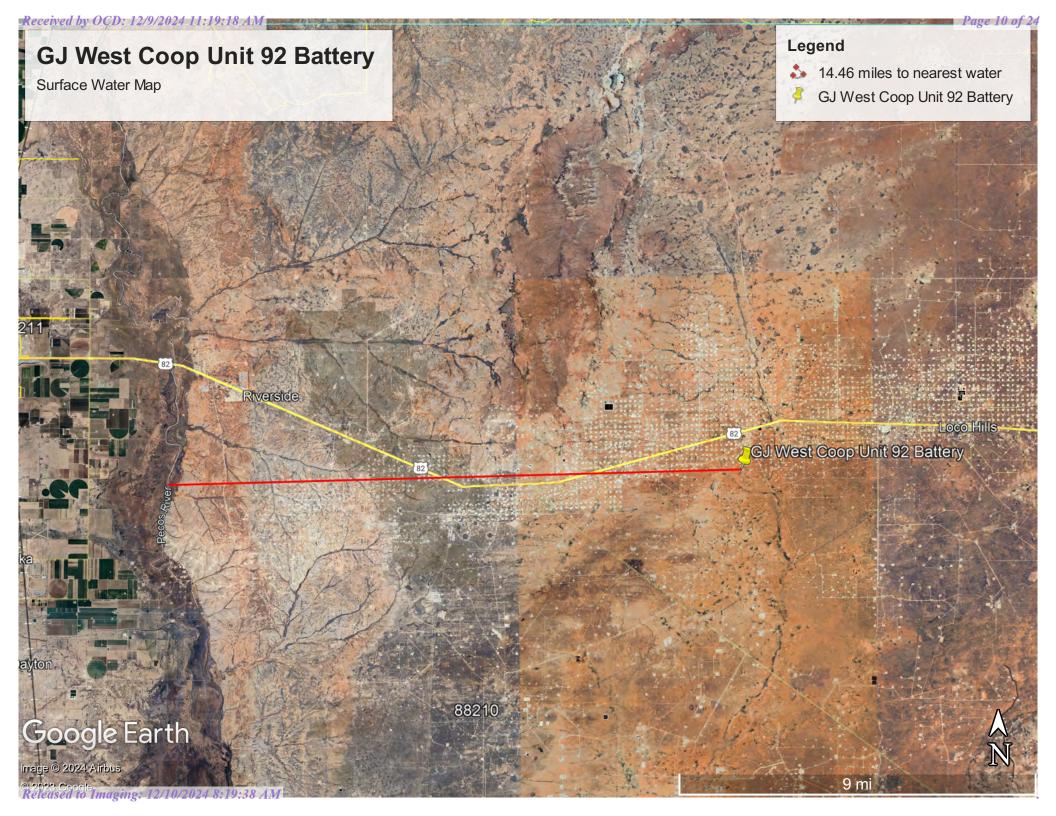
* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and isaccepted by the recipient with the expressed understanding that the OSE/ISC make nowarranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

11/14/24 12:09 PM MST Water Column/Average Depth to Water

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Released to Imaging: 12/10/2024 8:19:38 AM





GJ West Coop Unit 92 Battery



November 14, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD **HAZARD AREAS** Regulatory Floodway 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 OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D GENERAL - - - Channel, Culvert, or Storm Sewer STRUCTURES | LILLILL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary — --- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available

> 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

Unmapped

an authoritative property location.

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

MAP PANELS

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/14/2024 at 7:16 PM 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.



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Appendix B:

48- Hour Notification

From: OCDOnline@state.nm.us < OCDOnline@state.nm.us >

Sent: Tuesday, November 12, 2024 8:21 AM

To: Katherine Purvis < katherine.purvis@spurenergy.com >

Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 402438

To whom it may concern (c/o Katherine Purvis for Spur Energy Partners LLC),

The OCD has received the submitted *Notification for Liner Inspection for a Release* (C-141L), for incident ID (n#) nAPP2428739646.

The liner inspection is expected to take place:

When: 11/15/2024 @ 09:00

Where: J-28-17S-29E 0 FNL 0 FEL (32.80292,-104.07865)

Additional Information: Josh Rodriguez

5759091802

Additional Instructions: 32.80292, -104.078653

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, liner inspection pursuant to 19.15.29.11.A(5)(a) NMAC is required. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

 Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department 1220 South St. Francis Drive Santa Fe, NM 87505



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Appendix C:

Liner Inspection

Photographic Documentation





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Liner Inspection Form

	Spur EP LLO				
Site:	GJ West Coop Unit # 92 Battery				
Lat/Long:	32.802926, -104.078653				
NMOCD Incident ID & Incident Date:	nAPP242	8739646			
2-Day Notification					
Sent:	11/12/2	2024			
Inspection Date:	11/15/2	2024			
Liner Type:	Earthen	w/Liner	Eathen No Liner	Polystar	
	C. 1 /	Dalutinas	Charles January	No Chara	
	Steel w/	Poly Liner	Steel w/spray epoxy	No Liner	
Other:	Steel w/F	Poly Liner	Steel W/spray epoxy	No Liner	
Other: Visualization		No No	Comme		
	ı Yes				
Visualization	n Yes	No			
Visualization Is there a tear in the liner? Are there Holes in t	n Yes	No x			
Visualization Is there a tear in the liner? Are there Holes in the liner? Is the liner retaining	he Xes	No x			

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Spur Energy Partners

GJ West Coop Unit #92 Battery

Site Photographs

Liner Inspection:













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Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 409899

QUESTIONS

ı	Operator:	OGRID:
ı	Spur Energy Partners LLC	328947
ı	9655 Katy Freeway	Action Number:
ı	Houston, TX 77024	409899
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2428739646
Incident Name	NAPP2428739646 GJ WEST COOP UNIT 92 BATTERY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GJ WEST COOP UNIT 92 BATTERY
Date Release Discovered	10/12/2024
Surface Owner	State

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

Nature and Volume of Release		
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.		
Crude Oil Released (bbls) Details	Not answered.	
Produced Water Released (bbls) Details	Cause: Corrosion Fitting Produced Water Released: 48 BBL Recovered: 48 BBL Lost: 0 BBL.	
Is the concentration of chloride in the produced water >10,000 mg/l	No	
Condensate Released (bbls) Details	Not answered.	
Natural Gas Vented (Mcf) Details	Not answered.	
Natural Gas Flared (Mcf) Details	Not answered.	
Other Released Details	Not answered.	
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	CORROSION OF A 4' NIPPLE ON THE WATER INLET LINE DEVELOPED A HOLE AND RELEASED PW INTO LINED CONTAINMENT	

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State of New Mexico

QUESTIONS, Page 2

Action 409899

Santa Fe, NM 87505			
QUESTIONS (continued)			
Operator: Spur Energy Partners LLC	OGRID: 328947		
9655 Katy Freeway Houston, TX 77024	Action Number: 409899		
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)		
QUESTIONS			
Nature and Volume of Release (continued)			
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.		
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes		
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.		
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.		
Initial Response			
The responsible party must undertake the following actions immediately unless they could create a s	safety hazard that would result in injury.		
The source of the release has been stopped	True		
The impacted area has been secured to protect human health and the environment	True		
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True		
All free liquids and recoverable materials have been removed and managed appropriately	True		
If all the actions described above have not been undertaken, explain why	N/A		
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.		
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are require ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or		
I hereby agree and sign off to the above statement	Name: Katherine Purvis Title: EHS Coordinator Email: katherine.purvis@spurenergy.com Date: 10/15/2024		

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QUESTIONS

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QUESTIONS, Page 3

Action 409899

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	409899
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

Site Characterization Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date. What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) Between 51 and 75 (ft.)

What method was used to determine the depth to ground water Estimate or Other Did this release impact groundwater or surface water What is the minimum distance, between the closest lateral extents of the release and the following surface areas: A continuously flowing watercourse or any other significant watercourse Between 1 and 5 (mi.) Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) Between 1 and 5 (mi.) An occupied permanent residence, school, hospital, institution, or church Between 1 and 5 (mi.) A spring or a private domestic fresh water well used by less than five households Between 1 and 5 (mi.) for domestic or stock watering purposes Any other fresh water well or spring Between 1 and 5 (mi.) Incorporated municipal boundaries or a defined municipal fresh water well field Between 1 and 5 (mi.) Between 1 and 5 (mi.) A subsurface mine Between 1 and 5 (mi.) An (non-karst) unstable area Between 1 and 5 (mi.) Categorize the risk of this well / site being in a karst geology A 100-year floodplain Between 1000 (ft.) and 1/2 (mi.) Did the release impact areas not on an exploration, development, production, or No storage site

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation plan approval with this submission	Yes	
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination	on associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	Yes	
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes complete which includes the anticipated timelines for beginning and completing the remediation.	ed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,	
On what estimated date will the remediation commence	10/12/2024	
On what date will (or did) the final sampling or liner inspection occur	11/15/2024	
On what date will (or was) the remediation complete(d)	10/12/2024	
What is the estimated surface area (in square feet) that will be remediated	7414	
What is the estimated volume (in cubic yards) that will be remediated	0	
These estimated dates and measurements are recognized to be the best guess or calculation at t	the time of submission and may (be) change(d) over time as more remediation efforts are completed.	

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

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QUESTIONS, Page 4

Action 409899

QUESTIONS (continued)

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	409899
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

Is (or was) there affected material present needing to be removed

Is (or was) there a power wash of the lined containment area (to be) performed

Yes

OTHER (Non-listed remedial process)

Not answered.

Per Subsection B of 19.15 29.11 NMAC ruless the site observatorization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement

Name: Katherine Purvis Title: EHS Coordinator

Email: katherine.purvis@spurenergy.com

Date: 12/09/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 6

Action 409899

Santa Fe, NM 87505			
QUESTIONS (continued)			
Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947 Action Number: 409899 Action Type:		
QUESTIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)		
Liner Inspection Information			
Last liner inspection notification (C-141L) recorded	402438		
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	11/15/2024		
Was all the impacted materials removed from the liner	Yes		
What was the liner inspection surface area in square feet	1600		
Remediation Closure Request Only answer the questions in this group if seeking remediation closure for this release because all re Requesting a remediation closure approval with this submission Have the lateral and vertical extents of contamination been fully delineated Was this release entirely contained within a lined containment area	emediation steps have been completed. Yes Yes Yes		
What was the total surface area (in square feet) remediated	7414		
What was the total volume (cubic yards) remediated Summarize any additional remediation activities not included by answers (above)	LINER WAS POWERWASHED AND INSPECTED AND FOUND TO HAVE THE ABILITY TO CONTAIN FLUIDS		
	closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents		
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to water, human health or the environment. In addition, OCD acceptance of a C-141 report	Ī		
	Name: Katherine Purvis		

Title: EHS Coordinator

Date: 12/09/2024

Email: katherine.purvis@spurenergy.com

I hereby agree and sign off to the above statement

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CONDITIONS

Action 409899

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	409899
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvele	Liner inspection approved, release resolved.	12/10/2024