	Page 1 of	26
Incident ID	NAPP2119559000	
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 ite	ms must be included in the closure report.					
	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						
	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in					
OCD Only						
Received by:	Date: 12/8/2022					
	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.					
Closure Approved by: Robert Hamlet	Date: 12/8/2022					
Printed Name: Robert Hamlet	Title: Environmental Specialist - Advanced					

LINER INSPECTION AND CLOSURE REPORT REPORTABLE RELEASE

Spur Energy Partners

Clydesdale 1 Fee #6H Battery Incident ID: NAPP2119559000 Eddy County, NM

Prepared by:



Paragon Environmental LLC 1601 N. TURNER ST. STE.500 Hobbs, NM 88240 575-964-7814

GENERAL DETAILS

This report was prepared by Paragon Environmental LLC (Paragon) in response to the release for Spur Energy Partners (Spur) at the **Clydesdale 1 Fee #6H Battery (Clydesdale)**.

API#: 30-015-43396

<u>Site Coordinates</u>: Latitude: 32.68579 Longitude: 104.4303

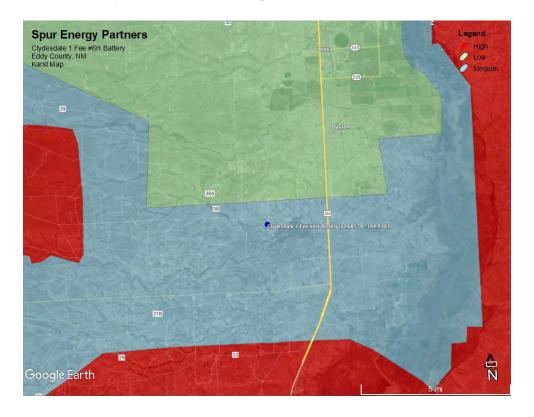
<u>Unit</u> UL P, Section 01, Township 19S, Range 25E

Incident ID: NAPP2119559000

REGULATORY FRAMEWORK

<u>Depth to Groundwater</u>: According to the New Mexico State of Engineers Office, the nearest water data is less than 1/2 of a mile away and is 100 feet below ground surface (BGS). See Appendix A for details.

<u>Soil Survey:</u> Per the New Mexico Bureau of Geology and Mineral Resources, the geology is in the Piedmont alluvial deposits (Holocene to lower Pleistocene)- Includes deposits of highe gradient tributaries bordering major stream valleys, alluvial veneers of the piedmont slope, and alluvial fans. May locally include uppermost Pliocene deposits (QP). According to the United States Department of Agriculture Natural Resources Conservation Service soil survey, the soil in this area is comprised of the Reagan loam, with 0 to 3 percent slopes. The drainage courses in this area are well-drained. The karst geology in the area of the Clydesdale is not in a High Karst area. See the map below.



RELEASE DETAILS

This incident occurred due to equipment failure. This resulted in the release of 60 bbls of Crude Oil that was contained in the Earthened Poly-Lined Containment. A vacuum truck was dispatched and recovered the 60 bbls of fluids.

Date of Spill: 06/20/2021

Type of Spill: □ Crude Oil □ Produced Water □ Condensate □ Other (Specify):

<u>Comments:</u> Reportable release. Released: 28 bbls of Produced Water Recovered: 27 bbls of Produced Water

INITIAL SITE ASSESSMENT

On July 12, 2022, Paragon went to the Clydesdale and conducted an initial assessment. There was obvious staining on the liner from the spill. There was nothing outside the containment that showed any signs that the liner had been breached. Therefore, no samples were taken. See the site map below showing the affected area.



REMEDIATION ACTIVITIES

On July 18, 2022, Paragon returned to the site with equipment and personnel to conduct cleanup activities. We initially sprayed the affected area with surface cleaner. We then power washed and squeegeed the runoff to where the vacuum truck could capture the fluids.

On July 20, 2022, Paragon returned to the site to conduct a liner inspection. A 48-hour notification was sent out to the NMOCD on July 18, 2022. The liner inspection concluded that the liner was all intact and in good condition. The integrity of the liner appears to have the ability to contain spills. See Appendix D for the email notification, liner inspection and photos.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2119559000, be closed. Spur has complied with the applicable closure requirements. If you have any questions or need additional information, please contact Chris Jones at 575-964-7814 or chris@paragonenvironmental.net.

Respectfully,

Chris Jones

Environmental Professional Paragon Environmental LLC

Attachments

Figures:

- 1- Topo Map
- 2- Aerial Map

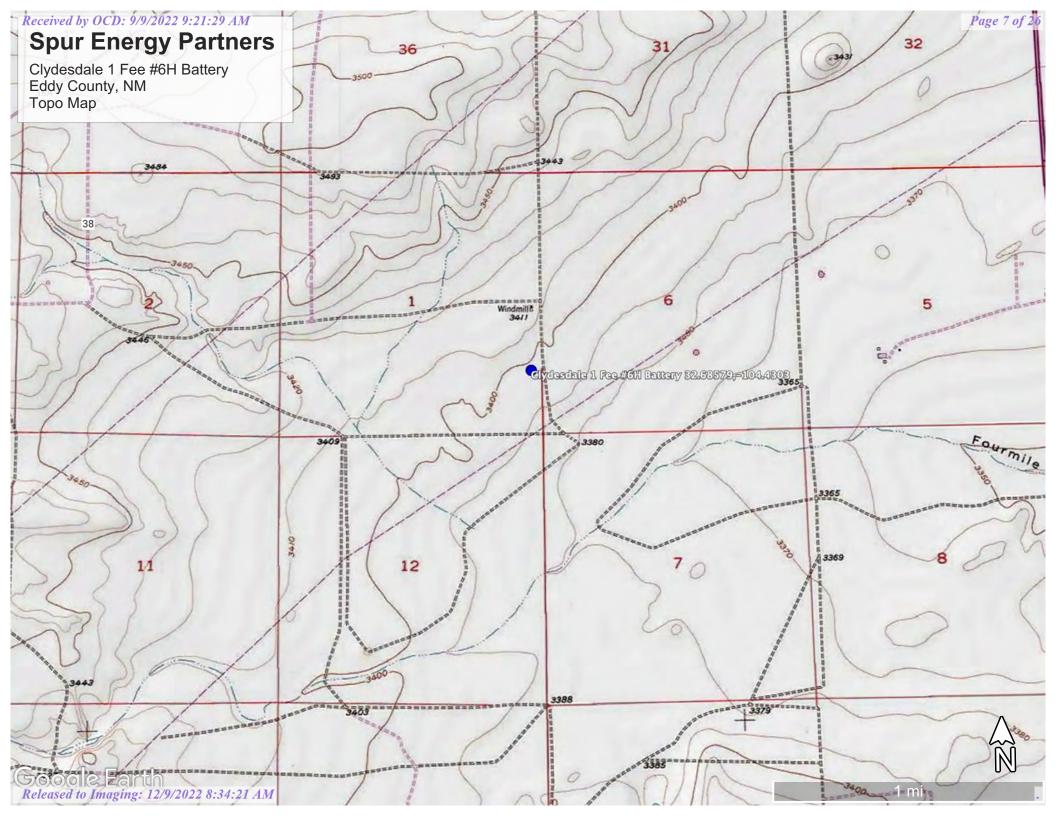
Appendices:

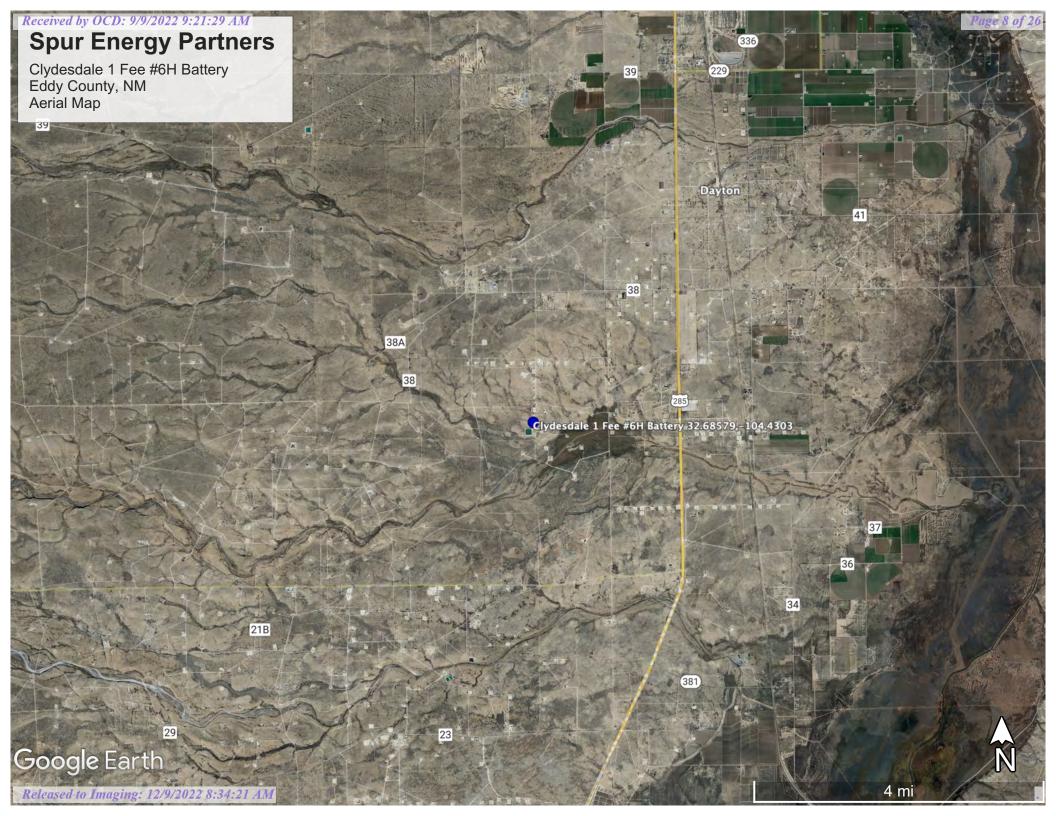
- Appendix A- Referenced Water Data
- Appendix B- Soil Survey & FEMA Flood Map
- Appendix C- C-141
- Appendix D- Email, Liner Inspection, and Photographic Documentation



Figures:

Topo Map Aerial Map







Appendix A Referenced Water Data:

New Mexico State of Engineers Office



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 (quarters are 1=NW 2=NE 3=SW 4=SE)

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

		POD											
		Sub-		Q Q Q)							V	Vater
POD Number	Code	basin	County	64 16 4	Sec	Tws	Rng	X	Y	DistanceDe	pthWellDep	thWater Co	olumn
RA 03983		RA	CH	4 3	01	19S	25E	552457	3616444* 🦲	963	375	100	275

Average Depth to Water:

100 feet

Minimum Depth:

100 feet

Maximum Depth:

100 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 553408 **Northing (Y):** 3616597.146 **Radius:** 1000

*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.

8/5/22 12:02 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B Soil Survey:

U.S.D.A. FEMA Flood Map

Eddy Area, New Mexico

RA—Reagan loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5c Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 14 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Reagan and similar soils: 98 percent *Minor components*: 2 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

Description of Reagan

Setting

Landform: Fan remnants, alluvial fans Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam H2 - 8 to 60 inches: loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 40 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to

8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

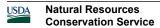
Available water supply, 0 to 60 inches: Moderate (about 8.2

inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 6e

Hydrologic Soil Group: B



Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

Minor Components

Upton

Percent of map unit: 1 percent

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

Atoka

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 17, Sep 12, 2021 104°26'8"W 32°41'24"N

Received by OCD: 9/9/2022 9:21:29 AM National Flood Hazard Layer FIRMette

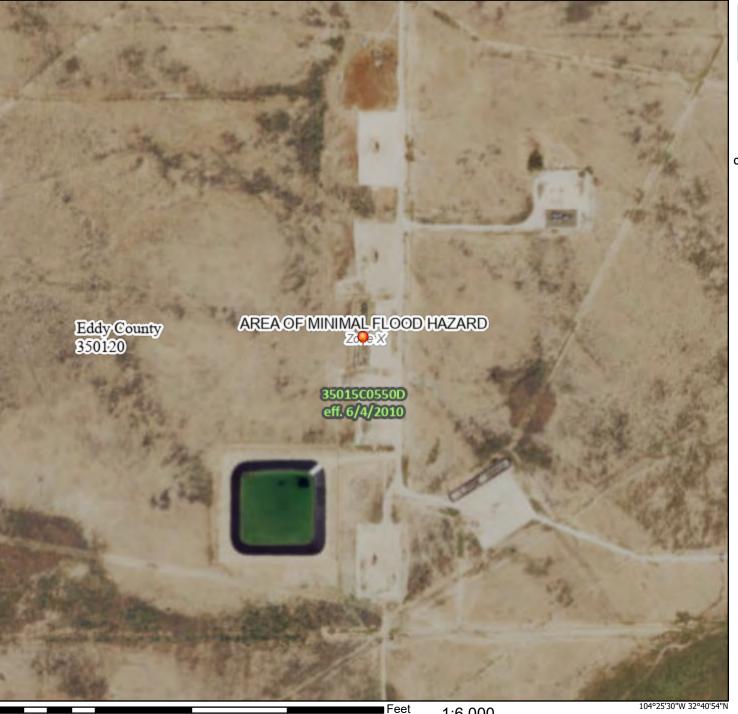




SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or 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 - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | IIIIII 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 MAP PANELS 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 was exported on 8/5/2022 at 1:59 PM and does not

authoritative NFHL web services provided by FEMA. This map 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.



2.000



Appendix C:

C-141

<u>District I</u> 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			OGRID	OGRID			
Contact Name			Contact T	Contact Telephone			
Contact email			Incident #	‡ (assigned by OCL	9)		
Contact mail	ing address			'			
			Location	of Release S	ource		
Latitude				Longitude			
			(NAD 83 in dec	cimal degrees to 5 deci	imal places)		
Site Name				Site Type			
Date Release	Discovered			API# (if ap	pplicable)		
Unit Letter	Section	Township	Range	Cou	nty		
Surface Owner	Ctata	□ Fadaral □ Tr	ribal 🔲 Private (<i>l</i>	Vama		,	
Surface Owner	r. State		ibai 🔲 Private (/	vame:)	
			Nature and	d Volume of	Release		
	Material	(s) Released (Select al	I that annly and attach	calculations or specifi	e justification for th	ne volumes provided below)	
Crude Oil		Volume Release		carculations of specifi		overed (bbls)	
Produced	Water	Volume Release	d (bbls)		Volume Recovered (bbls)		
		Is the concentrat	ion of dissolved c	hloride in the	Yes No		
		produced water			W.L. D. 1411)		
Condensa		Volume Release			Volume Recovered (bbls)		
Natural G		Volume Release			Volume Recovered (Mcf)		
Other (describe) Volume/Weight Released (provide units)		e units)	Volume/Wei	ight Recovered (provide units)			
Cause of Rele	ease						

Received by OCD: 9/9/2022 9:21:29 AM State of New Mexico
Page 2 Oil Conservation Division

	Tuge 17 of
Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the respon	nsible party consider this a major release?
☐ Yes ☐ No		
If YES, was immediate no	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?
	Initial Ro	esponse
The responsible p	party must undertake the following actions immediatel	y unless they could create a safety hazard that would result in injury
☐ The source of the rele	ease has been stopped.	
☐ The impacted area ha	s been secured to protect human health and	the environment.
Released materials ha	ave been contained via the use of berms or contained via the use of the use o	ikes, absorbent pads, or other containment devices.
☐ All free liquids and re	ecoverable materials have been removed and	d managed appropriately.
If all the actions described	d above have <u>not</u> been undertaken, explain	why:
Dog 10 15 20 9 D (4) NIM	[AC the magnetic leaves to the mountain many assume and a second	amodiation immediately often discovery of a valence. If namodiation
has begun, please attach	a narrative of actions to date. If remedial	emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
public health or the environr	nent. The acceptance of a C-141 report by the C	fications and perform corrective actions for releases which may endanger DCD does not relieve the operator of liability should their operations have
		at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws
Printed Name:		Title:
Signature:	6x Nul	Date:
email:		Telephone:
OCD Only		
Received by: Ramona M	Marcus	Date:10/04/2021

Received by OCD19/9/3022 & 23132 Miculator Page 18 of 26 NAPP2119559000 Inputs in Supply Outputs in red				
Length(Ft)	Width(Ft)	Depth(In)		
25.000	50.000	1.500		
Cubic Feet	Impacted	+ 156.250		
Barr	els	27.83		
Soil T	ype	Lined Containment		
Bbls Assuming 100% Saturation		27.83		
Saturation	Fluid pres	ent with shovel/backhoe		
Estimated Bar	rels Released	28		
	Instru	ctions		
	asurements belo and depth in inc	ow. Length and width need to ches.		
2. Select a soil	type from the dr	op down menu.		
3. Select a satu	ration level from	the drop down menu.		
(For data	gathering instru	ictions see appendix tab)		

Measurements

 Length (ft)
 25

 Width (ft)
 50

 DeRaked sed to Imaging: 12/9/2022 8:34:21 AM

<u>District I</u> 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 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	NAPP2119559000
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?	100 (ft bgs)			
Did this release impact groundwater or surface water?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ⊠ 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)?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ⊠ 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?	☐ Yes ⊠ No			
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ⊠ No			
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ⊠ No			
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ⊠ No			
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ⊠ No			
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ⊠ No			
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ⊠ No			
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil ontamination 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 ½-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

Received by OCD: 9/9/2022 9:21:29 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

Page	<i>20</i>	oj	26
			-

Incident ID	NAPP2119559000
District RP	
Facility ID	
Application ID	

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 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:	Date:			
email: <u>chensley@spurenergy.com</u>	Telephone: 346-339-1494			
OCD Only				
Received by:	Date: 09/09/2022			

D: 9/9/2022 9:21:29 AM
State of New Mexico
Incident ID NA PP2119559000

Incident ID	NAPP2119559000
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 ite	ms 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		
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of a	ediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for ons. The responsible party acknowledges they must substantially ditions that existed prior to the release or their final land use in	
Signature:	Date:	
email: chensley@spurenergy.com	Telephone: 346-339-1494	
OCD Only		
Received by:	Date:	
	f liability should their operations have failed to adequately investigate and ater, human health, or the environment nor does not relieve the responsible regulations.	
Closure Approved by:	Date:	
Printed Name:	Title:	
		



Appendix D:

Email Notification

Liner Inspection

Photographic Documentation

Subject: Liner Inspections

Date: Monday, July 18, 2022 at 7:04:13 PM Mountain Daylight Time

From: Chris Jones

To: OCDOnline@state.nm.us, Bratcher, Mike, EMNRD, Hamlet, Robert, EMNRD, Nobui, Jennifer,

EMNRD

CC: Chad Hensley, Braidy Moulder

Attachments: image001.jpg

Mike,

This is to inform you all that Paragon will be conducting Liner Inspections on behalf of Spur Energy on 7-20-22 beginning at 800 am MST at the following locations going in this order.

HEARSE 36 STATE COM BATTERY- nAPP2113945611- 32.61025,-104.43676

Shelby 23 Tank Battery- nAPP2202848888- 32.636495,-104.449015

Bradley 8 Fee #2- nRM2020535132- 32.6684265,-104.4068375

SECREST ET AL #001- nAPP2118846106- 32.6808357,-104.41922

Clydesdale 1 Fee #6H Battery- nAPP2119559000- 32.68579,-104.4303

These are all in a general location from each other and should be an easy day of it. If you have any questions or show up at a site we are not at feel free to give me a call and verify.

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



Paragon Environmental LLC

Liner Inspection Form

Company Name: SPUR ENERGY F	AKINEKS
-----------------------------	---------

Site: Clydesdale 1 Fee #6H Battery

Lat/Long: 32.668313655, -104.37967276

NMOCD Incident ID: nAPP2119559000

Incident Date: 06/20/21

2-Day Notification

Sent: 08/03/2022

Inspection Date: 08/06/2022

Liner Type: Earthen w/liner Earthen no liner Polystar

Steel w/poly liner

Steel w/spray epoxy

No Liner

Other:

Visualization	Yes	No	Comments
Is there a tear in the liner?		X	
Are there holes in the liner?		X	
Is the liner retaining any fluids?		X	
Does the liner have integrity to contain a leak?	X		

Comments:			
COHINGILIS.			

Inspector Name: Tristan Jones



Photographic Documentation

Liner Inspection









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 Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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 141976

CONDITIONS

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	141976
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created	By Condition	Condition Date
rhamle	We have received your closure report and final C-141 for Incident #NAPP2119559000 CLYDESDALE BATTERY, thank you. This closure is approved.	12/9/2022