# LINER INSPECTION AND CLOSURE REPORT REPORTABLE RELEASE

# **Spur Energy Partners**

Pinto 36 St Com #1
Incident ID: nAPP2216838692
API #30-015-39781
Eddy County, NM

Prepared by:



Paragon Environmental LLC 225 Billy Walker Rd Hobbs, NM 88240 903-522-0833

#### **GENERAL DETAILS**

This report was prepared by Paragon Environmental LLC (Paragon) in response to the release for Spur Energy Partners (Spur) at the **Pinto St Com #1 Battery (Pinto)**.

<u>Site Coordinates</u>: Latitude: 32.6977425 Longitude: -104.4458389

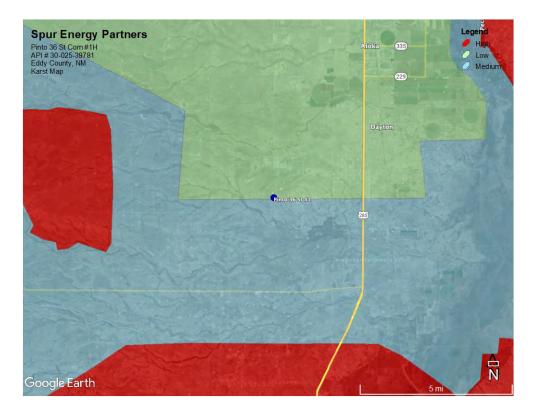
Unit UL M, Section 36, Township 18S, Range 25E

Incident ID: NAPP2216838692

#### 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 mile away and is greater than 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 higher 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 Upton-Reagan complex, with 0 to 9 percent slopes. The drainage courses in this area is well-drained. The karst geology in the area of the Pinto is of Low Karst. See the map below.



#### **RELEASE DETAILS**

This release was due to the failure of the stick radar that regulates the tank levels. The release was contained in the Earthen with Liner containment. A vacuum truck was dispatched to aid in the recovery of the fluids.

**Date of Spill:** 06/17/2022

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

**Comments:** Reportable release.

Released: 5 bbls of Oil and 10 bbls of Produced Water Recovered: 5 bbls of Oil and 10 bbls of Produced Water

#### **INITIAL SITE ASSESSMENT**

On July 20, 2022, Paragon went to the Pinto and conducted an initial assessment. There were obvious oil stains on the liner from the spill. There were no signs outside the containment that the liner had been breached. Therefore, no samples were taken. See the site map below showing the affected area.



#### **REMEDIATION ACTIVITIES**

On July 22, 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 August 5, 2022, Paragon returned to the site to conduct a liner inspection. A 48-hour notification was sent out to the NMOCD on August 3, 2022. The liner inspection concluded that the liner was all intact and in good condition. See Appendix D for the email notification and liner report.

#### **CLOSURE REQUEST**

After careful review, Paragon requests that the incident, NAPP2216838692, be closed. Spur has complied with the applicable closure requirements. If you have any questions or need additional information, please contact Chris Jones at 575-631-6977 or <a href="mailto:chris@paragonenvironmental.net">chris@paragonenvironmental.net</a>.

Respectfully,

Chris Jones

Environmental Professional Paragon Environmental LLC

#### **Attachments**

#### Figures:

- 1- Topo Map
- 2- Aerial Map

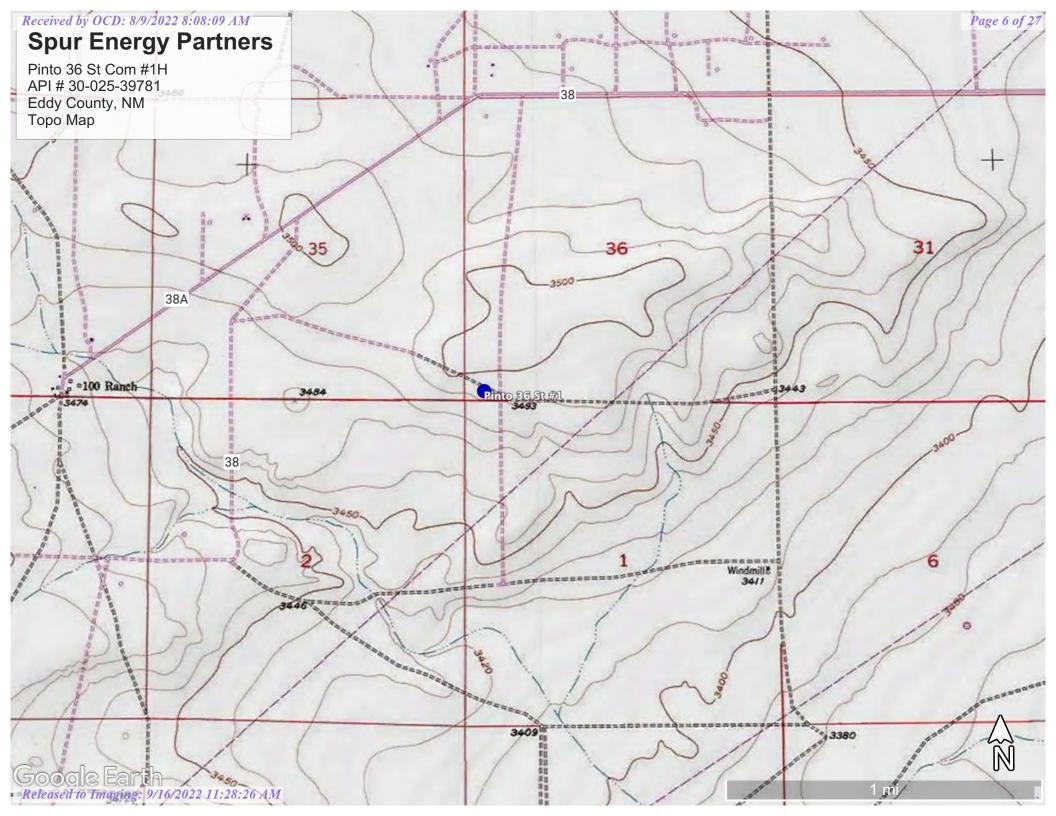
#### Appendices:

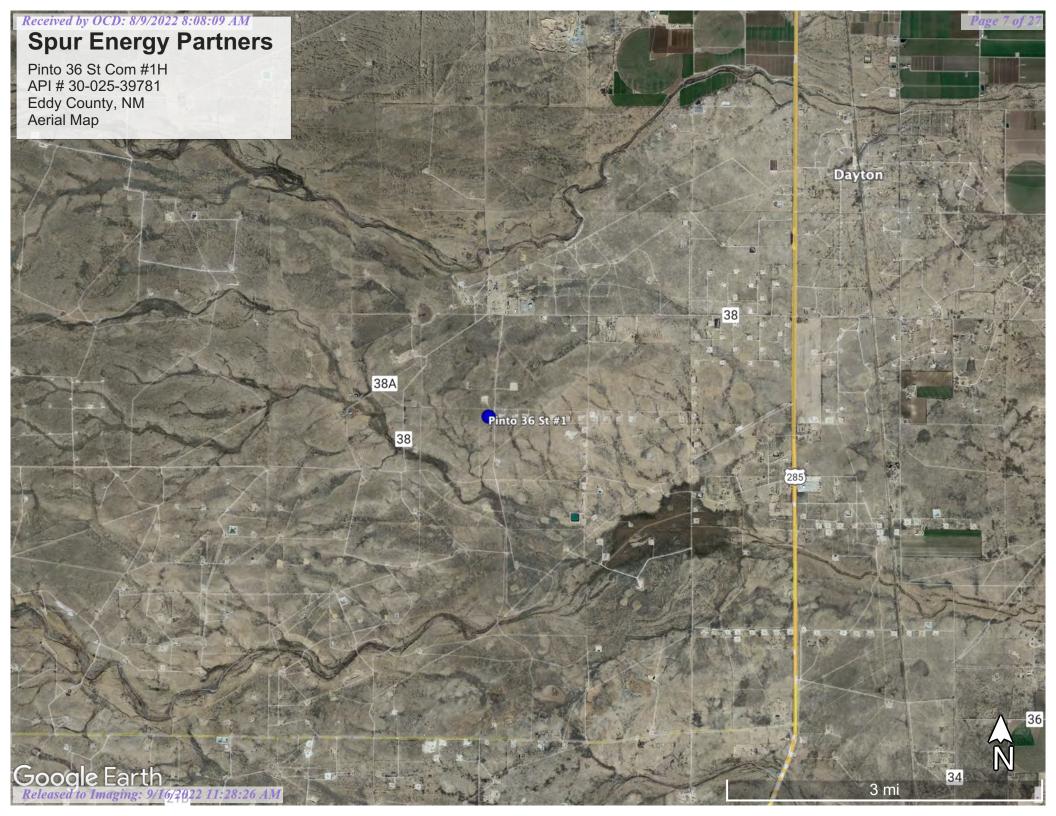
- Appendix A- Referenced Water Data
- Appendix B- Soil Survey & FEMA Flood Map
- Appendix C- C-141
- Appendix D- Email and Liner Inspection



# Figures:

1-Topo Map 2- 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)

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

		POD												
		Sub-		Q	Q (	)								Water
POD Number	Code	basin	County	64	16 4	4 Se	c Tw	s Rng	$\mathbf{X}$	Y	DistanceDe	pthWellDe	pthWater (	Column
<u>RA 03975</u>		RA	ED	3	1 3	36	188	25E	551942	3618353*	452	430	270	160
RA 07639		RA	ED		3	01	198	25E	552049	3617250*	657	260	172	88
RA 04128		RA	ED		2	2 02	198	25E	551443	3617449*	686	211	100	111

Average Depth to Water:

**180** feet

(In feet)

Minimum Depth:

100 feet

Maximum Depth:

**270** feet

**Record Count:** 3

UTMNAD83 Radius Search (in meters):

**Easting (X):** 551959.605

**Northing (Y):** 3617901

**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.

8/4/22 11:45 AM

WATER COLUMN/ AVERAGE DEPTH TO **WATER** 



Appendix B Soil Survey:

U.S.D.A.

FEMA Flood Map

### **Eddy Area, New Mexico**

#### UR—Upton-Reagan complex, 0 to 9 percent slopes

#### **Map Unit Setting**

National map unit symbol: 1w65 Elevation: 1,100 to 5,400 feet

Mean annual precipitation: 6 to 15 inches

Mean annual air temperature: 60 to 70 degrees F

Frost-free period: 180 to 240 days

Farmland classification: Not prime farmland

#### **Map Unit Composition**

Upton and similar soils: 55 percent Reagan and similar soils: 35 percent Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of

the mapunit.

#### **Description of Upton**

#### Setting

Landform: Ridges, fans

Landform position (three-dimensional): Side slope, rise

Down-slope shape: Convex Across-slope shape: Convex

Parent material: Residuum weathered from limestone

#### Typical profile

H1 - 0 to 9 inches: gravelly loam H2 - 9 to 13 inches: gravelly loam H3 - 13 to 21 inches: cemented

H4 - 21 to 60 inches: very gravelly loam

#### **Properties and qualities**

Slope: 0 to 9 percent

Depth to restrictive feature: 7 to 20 inches to petrocalcic

Drainage class: Well drained

Runoff class: High

Capacity of the most limiting layer to transmit water (Ksat): Low to

moderately high (0.01 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Calcium carbonate, maximum content: 75 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

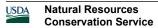
mmhos/cm)

Sodium adsorption ratio, maximum: 1.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

#### Interpretive groups

Land capability classification (irrigated): None specified



Land capability classification (nonirrigated): 7s

Hydrologic Soil Group: D

Ecological site: R042XC025NM - Shallow

Hydric soil rating: No

#### **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: Nonsaline to slightly saline (0.0 to 4.0

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**

#### Reagan

Percent of map unit: 5 percent

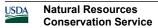
Ecological site: R042XC007NM - Loamy

Hydric soil rating: No

#### Pima

Percent of map unit: 5 percent

Ecological site: R042XC017NM - Bottomland



Hydric soil rating: No

# **Data Source Information**

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 17, Sep 12, 2021

# Received by OCD: 8/9/2022 8:08:09 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 Area with Flood Risk due to Levee Zone D FLOOD HAZARD 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 | LILLI 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 Profile Baseline**

> > Hydrographic Feature

Digital Data Available No Digital Data Available

MAP PANELS

OTHER

**FEATURES** 

Unmapped

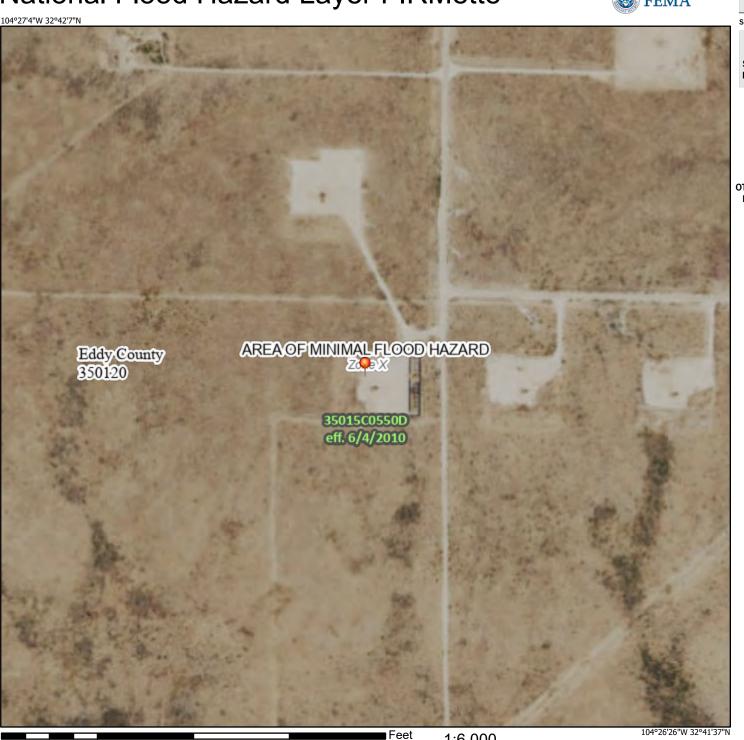
point selected by the user and does not represent an authoritative property location.

The pin displayed on the map is an approximate

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 8/8/2022 at 9:45 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.





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	nAPP2216838692
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party Spur Energy Partners, LLC				OGRID	328947			
Contact Name Chad Hensley					Contact Telephone (346) 339-1494			
Contact email chensley@spurenergy.com					Incident # (assigned by OCD) nAPP2216838692			
Contact mail	Contact mailing address 9655 Katy Freeway, Suite 500, Hou				uston, TX 77024			
			Location					
Latitude 3	2.6977425	5			Longitude104.4458389			
			(NAD 83 in dec	cimal deş		•		
Site Name	PINTO 36	STATE COM #0	001H		Site Type Oil			
Date Release					API# (if app			
				1				
Unit Letter	Section	Township Range			County			
M	36	18S	25E	E	Eddy			
Surface Owner	Surface Owner: X State Federal Tribal Private (Name:)							
			Nature and	l Vol	ume of l	Release		
M.C1. 0''				calculat	ions or specific	justification for the volumes provided below)		
Crude Oil		Volume Release	<u>` ′                                   </u>			Volume Recovered (bbls) 5		
Produced	Water	Volume Release	` 10			Volume Recovered (bbls) 10		
			ion of dissolved c	hloride	in the	☐ Yes ☐ No		
produced water >10,000 mg/l?  Condensate Volume Released (bbls)				Volume Recovered (bbls)				
☐ Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)				
Other (describe) Volume/Weight Released (provide units)			)	Volume/Weight Recovered (provide units)				
Cause of Rel	ease	Overflow of CT	B due to stick r	adar f	ailed	1		

73	4 /4	100
Page	I / o	T /
1 450 1	L / U	, 20

Incident ID	nAPP2216838692
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the respon	sible party consider this a major release?			
19.15.29.7(A) NMAC?					
☐ Yes ☒ No					
If VES was immediate n	otice given to the OCD? By whom? To wh	om? When and by what means (phone, email, etc)?			
II 1ES, was illillediate lie	once given to the OCD? By whom? To wi	oni: when and by what means (phone, eman, 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 c	ikes, absorbent pads, or other containment devices.			
<u> </u>	ecoverable materials have been removed and				
If all the actions described	If all the actions described above have <u>not</u> been undertaken, explain why:				
D 1017.00 0 D (1) 111					
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 lease attach all information needed for closure evaluation.			
		pest 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 CD 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: Chad I	Hensley	Title: EHS Coordinator			
Signature: Chad,	Heno	Date: 6/17/2022			
	ourenergy.com	Telephone: (346) 339-1494			
78-1	<u> </u>	, , , , , , , , , , , , , , , , , , ,			
OCD Only					
	Harimon	Date:			
Received by	Harimon	Date.			

#### State of New Mexico Oil Conservation Division

Form C-141

Incident ID	NAPP2216838692
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?	(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 <b>not</b> 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 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.			
<ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> </ul>			
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □			

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

Photographs including date and GIS information

Laboratory data including chain of custody

☐ Boring or excavation logs

☐ Topographic/Aerial maps

Received by OCD: 8/9/2022 8:08:09 AM Form C-141 State of New Mexico Page 2 Oil Conservation Division

	Page 19 of 2	27
Incident ID	NAPP2216838692	
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:	Date:	
email: <a href="mailto:chensley@spurenergy.com">chensley@spurenergy.com</a>	Telephone: 346-339-1494	
OCD Only		
Received by:Jocelyn Harimon	Date:08/09/2022	

Page 20 of 27

Incident ID	NAPP2216838692
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 item	ns 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 must be notified 2 days prior to liner inspection)				
Laboratory analyses of final sampling (Note: appropriate ODC I	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 r may endanger public health or the environment. The acceptance of a cashould their operations have failed to adequately investigate and reme human health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulation restore, reclaim, and re-vegetate the impacted surface area to the conductor accordance with 19.15.29.13 NMAC including notification to the OCI.	C-141 report by the OCD does not relieve the operator of liability diate 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 itions that existed prior to the release or their final land use in D when reclamation and re-vegetation are complete.			
Printed Name: Chad Hensley.	Title: HSE Coordinator			
Signature:	Date: 08/09/2022			
email: chensley@spurenergy.com	Telephone: 346-339-1494			
OCD Only				
Received by:	Date:08/09/2022			
	liability should their operations have failed to adequately investigate and tter, human health, or the environment nor does not relieve the responsible regulations.			
Closure Approved by:	Date: <u>09/16/2022</u>			
Printed Name: Jennifer Nobui	Title: Environmental Specialist A			



Appendix D:

Photographic Documentation



# **Photographic Documentation**

### **Before Remediation**













# Completed











Appendix E:

Liner Inspection

**Email Notification** 



## Paragon Environmental LLC

### **Liner Inspection Form**

Company Name:	SPUR ENERGY PARTNERS

Site: Pinto 36 St Com 1

Lat/Long: 32.6977425,-104.4458389

NMOCD Incident ID: nAPP2216838692

Incident Date: 06/17/22

2-Day Notification

Sent: 08/03/2022

Inspection Date: 08/05/2022

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:		

Inspector Name: Tristan Jones

**Subject:** Liner Inspections

**Date:** Wednesday, August 3, 2022 at 9:51:53 AM Mountain Daylight Time

From: Chris Jones

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

Attachments: image001.jpg

All,

This is to inform you all that Paragon will be conducting liner inspections on behalf of Spur Energy at the referenced sites on the following days:

8-5-22 We will begin at app 8 am and go in this order.

Pinto 36 St Com 1- napp2216838692 Saber Fed 1- nrm2004833416 Skelly Unit 968- napp2106449127 Tex Mack 11 Fed 3- napp2119557530 JG State 7 Battery- napp2130548510

8-6-22 We will begin these at app 8 am and will go in this order:

California 29 Fee 1- nrm2024759404
Tarpan 33 Fee #4H- napp2129837754
Clydesdale 1 Fee 6H Battery- napp2130547657
Stonewall 9 Fee 8H-nrm2034259537
Loco Hills SWD 35 #2- nrm2033528219

If you have any questions or miss us and want to meet up, please give me a call or send me an email.

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

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 132299

#### **CONDITIONS**

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	132299
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Approved.	9/16/2022