

Incident ID	NAPP2231335938
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: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 3/13/2023

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Jocelyn Harimon

Date: 03/13/2023

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: 7/17/2023

Printed Name: Robert Hamlet

Title: Environmental Specialist - Advanced



March 1, 2023

NMOCD District 2
Mike Bratcher
Artesia, NM 88210

Bureau of Land Management
Crisha Morgan
Carlsbad Field Office

Re: Site Assessment, Remediation, Reclamation, and Closure Report
Skelly Unit #907
API No. N/A
GPS: Latitude 32.81871 Longitude -103.87211
UL "J", Sec. 21, T17S, R31E
Eddy County, NM
NMOCD Ref. No. NAPP2231335938

Paragon Environmental, LLC (Paragon) has been contracted by Spur Energy Partners (Spur) to perform a spill assessment, conduct remediation activities, and reclaim the old containment area for the release site known as the Skelly Unit #907 (Skelly). Details of the release are summarized below:

Release Details			
Type of Release:	Produced Water / Crude Oil	Volume of Release:	17.5 bbls
		Volume Recovered:	17 bbls
Source of Release:	Flare	Date of Release:	10/30/22
Was Immediate Notice Given?	No	If, Yes, to Whom?	N/A
Was a Watercourse Reached?	No	If Yes, Volume Impacting Watercourse:	N/A
Surface Owner:	Federal	Mineral Owner:	Federal
The 2" vent on the knockout failed. This caused fluid to be sent to the flare where the spill happened.			

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	<50'
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, private, or domestic freshwater 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 showed there was no water data within a ½ mile radius. With this being the case, we cleaned it up to the most stringent criteria.

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 Eolian and piedmont deposits (Holocene to middle Pleistocene)— Interlayered eolian sands and piedmont-slope deposits along the eastern flank of the Pecos River valley, primarily between Roswell and Carlsbad. Typically capped by thin eolian deposits (QEP). The soil in this area is made up of Pajarito loamy fine sand, 0 to 3 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 Skelly (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
<50 Feet	Chloride	EPA 300.0	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 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

On November 23, 2022, Paragon conducted an initial site assessment. During the initial site assessment, Paragon was determined to gather samples in the area where the spill had run off of the liner and onto the surrounding soil. Four (4) soil samples were collected in this area in an effort to determine the vertical extent of soil impact. 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:

NMOCD Table 1 Closure Criteria 19.15.29 NMAC								
Sample Date 11-30-22		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg				Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
S-1	0-6"	ND	ND	ND	ND	ND	ND	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	16.8	ND	16.8	ND
S-2	0-6"	ND	ND	ND	64.8	19	83.8	ND
	1'	ND	ND	ND	ND	ND	ND	ND
	2'	ND	ND	ND	ND	ND	ND	16
S-3	0-6"	ND	ND	ND	39.8	ND	39.8	16
	1'	ND	ND	ND	96.5	25	121.5	32
	2'	ND	ND	ND	47.2	ND	47.2	16
S-4	0-6"	ND	ND	ND	ND	ND	ND	16
	1'	ND	ND	ND	13.5	ND	13.5	32
	2'	ND	ND	ND	35.9	ND	35.9	32

A Site Map & Sample Maps are provided in Figures #1 and #5.

REMEDIAL ACTIVITIES

On February 1, 2023, Paragon mobilized personnel and heavy equipment to conduct remedial activities. Based on the site characteristics and field observations made during the site assessment, the following details the remedial activities we conducted to advance the Release Site toward an NMOCD-approved site closure.

- In the lined containment area surrounding the flare, we removed all the contaminated dirt, washed down the liner, and scheduled a liner inspection to be done on it. Enough clean material was placed back on top of the poly liner to hold it in place.
- In the S-3 area, we excavated a volume of approximately 30 cubic yards. The measurements of the excavation were 35 ft in length, and 15 ft in width for a total of 525 sq/ft. Our depth of excavation was originally 1.5 feet.
- Once we excavated the contaminated soil, we scheduled and obtained confirmation samples. The results of this event are attached in the data table below.

2-8-23 Confirmation Samples (S-3 Area)

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 2-8-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 100 mg/kg			Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BC-1	1.5'	2.99	ND	79.4	2660	467	3206.4	32
BC-2	1.5'	3.03	ND	114	3140	414	3254	32
BC-3	1.5'	ND	ND	ND	49.1	ND	49.1	16
EW-Comp	1.5'	ND	ND	ND	ND	ND	0	32
NW-Comp	1.5'	ND	ND	ND	ND	ND	0	32
SW-Comp	1.5'	ND	ND	ND	108	10	118	16
WW-Comp	1.5'	43.1	ND	606	2430	211	3247	32

(ND) - Analyte Not Detected

The results of this sampling event showed we still needed to excavate more from the areas of BC-1 / BC-2 / and WW-Comp. So we excavated an additional depth of 6 inches in the areas BC-1 and BC-2. We also removed an additional 6 inches off the west sidewall of the excavation. Once we excavated all of the additional contaminated soil from these areas, we then took another round of confirmation samples. The results are attached in the data table below.

10-24-22 Confirmation Samples

NMOCD Table 1 Closure Criteria 19.15.29 NMAC (Depth to Groundwater is <50')								
Sample Date 2-21-23		Closure Criteria ≤ 50 mg/kg	Closure Criteria ≤ 10 mg/kg	Combined Closure Criteria ≤ 100 mg/kg			Closure Criteria ≤ 100 mg/kg	Closure Criteria ≤ 600 mg/kg
Sample ID	Depth (BGS)	BTEX	Benzene	GRO	DRO	MRO	Total TPH	CHLORIDES
BC-1	2'	--	--	ND	ND	ND	0	--
BC-2	2'	--	--	ND	ND	ND	0	--
WW-Comp	1.5'	--	--	ND	ND	ND	0	--

(ND) Analyte Not Detected / (--) Analyte Not Tested

- These laboratory analytical results showed that the confirmation soil samples indicated concentrations below NMOCD Closure Criteria.
- The excavated soils were loaded into trucks and 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 and machine compacted to match the surrounding grade.

CLOSURE REQUEST

After careful review, Paragon requests that the incident, NAPP2231335938, 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 Tristan Jones by phone at (575)964-7814 or email at tristan@paragonenvironmental.net.

Respectfully,



Tristan Jones
Project Coordinator
Paragon Environmental, LLC



Chris Jones
Environmental Professional
Paragon Environmental, LLC



Attachments

Figures:

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

Appendices:

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







Figures:

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

Spur Energy Partners

Skelly Unit #907
API# 30-015-31385
Eddy County, NM
Site Map

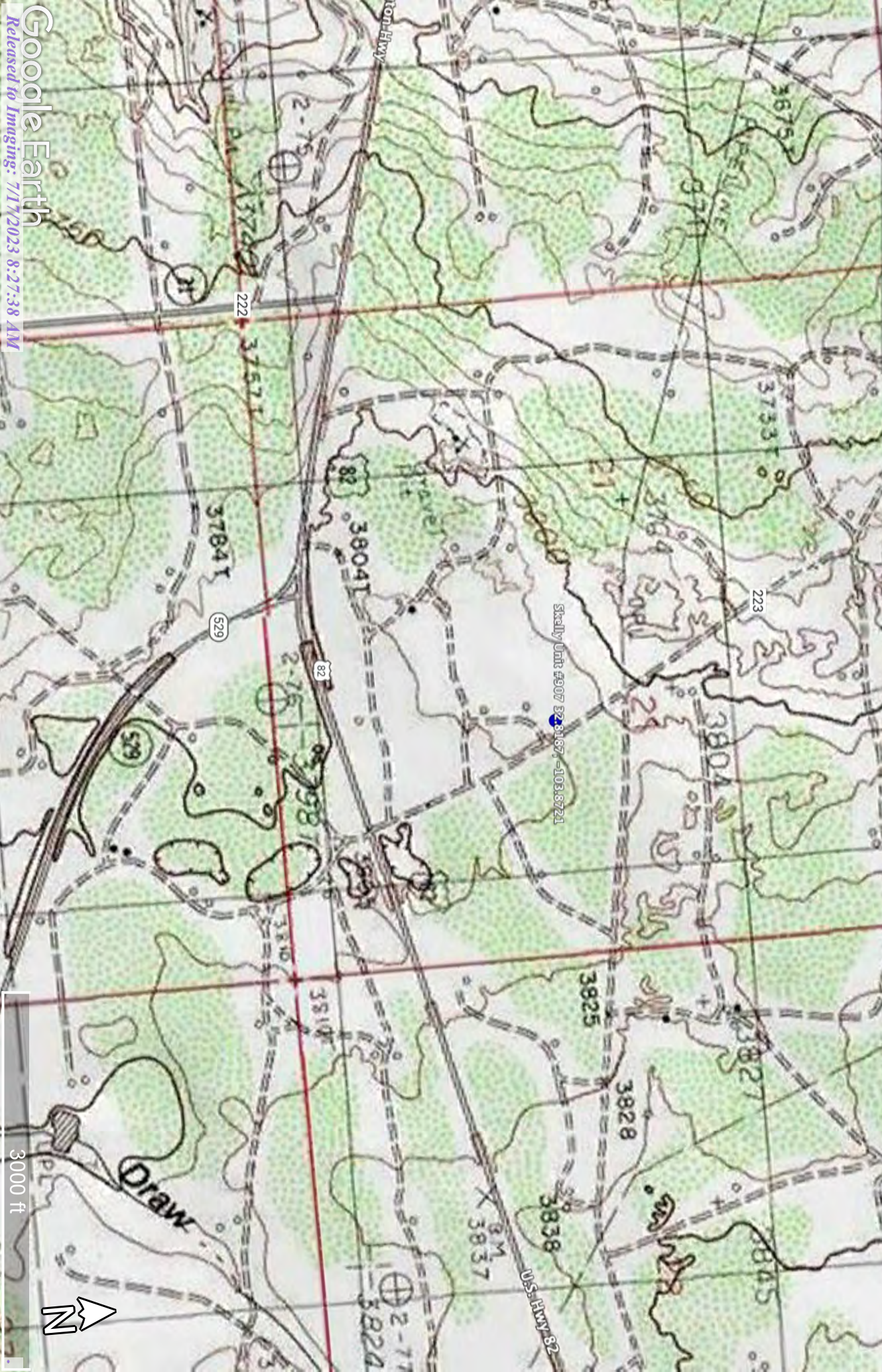
Legend

-  2' Excavation Area
-  Feature 1
-  Liner Spill Area
-  Skelly Unit #907 32.8187, -103.8721



Spur Energy Partners

Skelly Unit #907
API# 30-015-31385
Eddy County, NM
Topo Map



Spur Energy Partners

Skelly Unit #907
API # N/A
Eddy County, NM
Karst Map

Apache mega battery

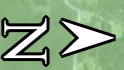
Legend

 High

 Low

 Medium

 Skelly Unit #907 32.8187, -103.8721

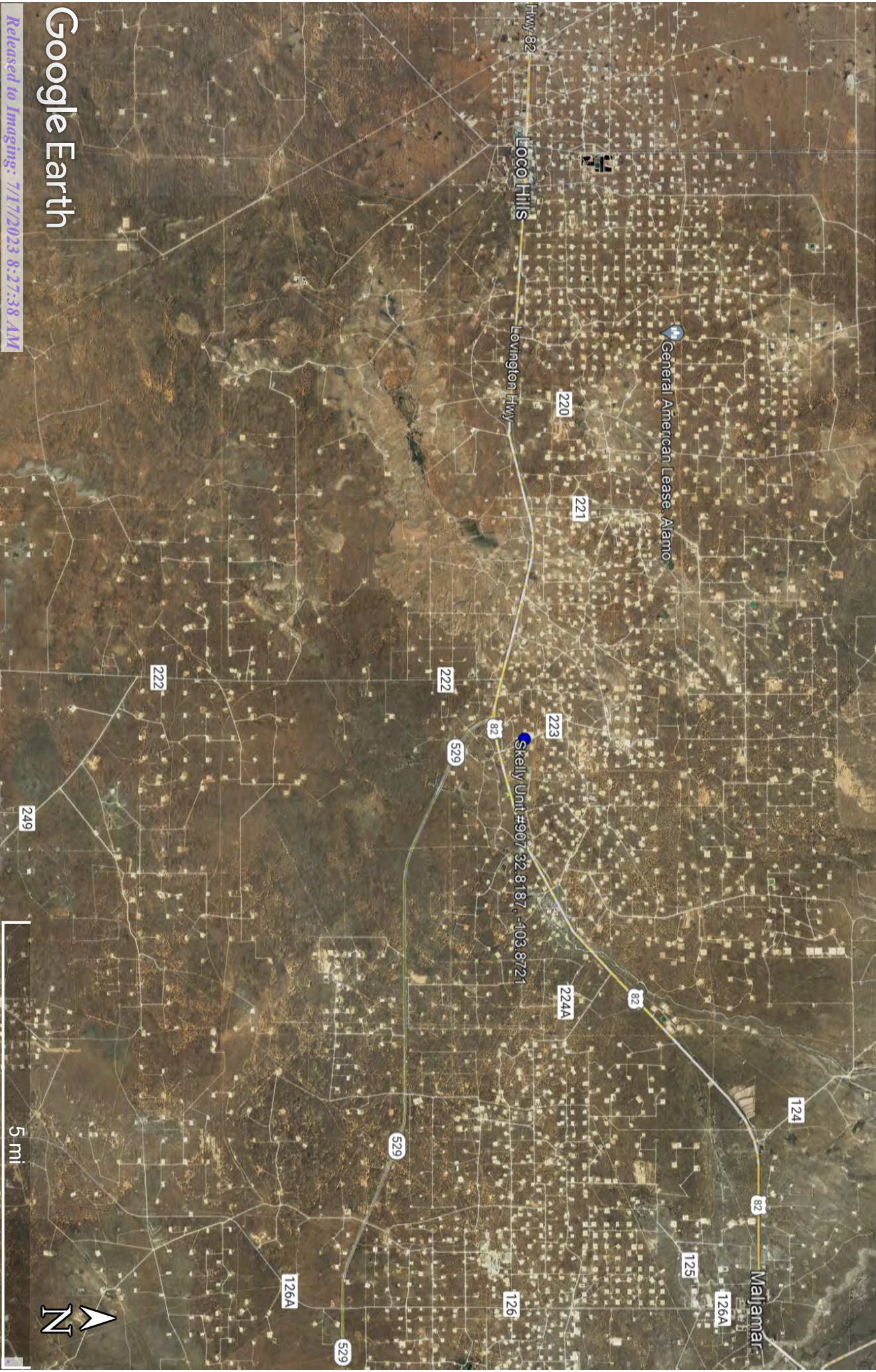


Spur Energy Partners

Skelly Unit #907
API # N/A
Eddy County, NM
Aerial Map

Legend

- Skelly Unit #907 32.8187, -103.8721







Google Earth

Spur Energy Partners

Skelly Unit #907
API# 30-015-31385
Eddy County, NM
Confirmation Sample Map

Legend

-  2' Excavation Area
-  Feature 1
-  Liner Spill Area
-  Skelly Unit #907 32.8187, -103.8721





Appendix A
Referenced Water Data:

New Mexico State of Engineers Office



(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

Code

0 0 0

County

64

16 4

Sec

The Tw

VS F

Rng

X

Y

Di

stan

ceDe

depth

Wel

Dep

With W

Water

Col

um

1

Average Depth to Water:

—

Minimum Depth:

—

Maximum Depth:

—

UTMNAD83 Radius Search (in meters):

Easting (X): 605581

Northing (Y): 3631752.21

Radius: 1600

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.

3/2/23 10:24 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



Appendix B
Soil Survey:

U.S.D.A.
FEMA Flood Map

Map Unit Description: Pajarito loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area,
New Mexico

Eddy Area, New Mexico

PA—Pajarito loamy fine sand, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w54

Elevation: 2,700 to 5,500 feet

Mean annual precipitation: 5 to 15 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 180 to 250 days

Farmland classification: Not prime farmland

Map Unit Composition

Pajarito and similar soils: 98 percent

Minor components: 2 percent

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

Description of Pajarito

Setting

Landform: Plains, interdunes, dunes

Landform position (three-dimensional): Side slope

Down-slope shape: Convex, linear

Across-slope shape: Linear, convex

Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 13 inches: loamy fine sand

H2 - 13 to 36 inches: fine sandy loam

H3 - 36 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 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: Moderate (about 7.9
inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 7e

Map Unit Description: Pajarito loamy fine sand, 0 to 3 percent slopes, eroded---Eddy Area,
New Mexico

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Berino

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Wink

Percent of map unit: 1 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 18, Sep 8, 2022


National Flood Hazard Layer FIRMette





103°52'38"W 32°49'22"N















Legend




SEE THIS 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 D
------------------------------------	---

OTHER AREAS	 Area of Minimal Flood Hazard Zone X  Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES	 Channel, Culvert, or Storm Sewer  Levee, Dike, or Floodwall

OTHER FEATURES	 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation  17.5 Coastal Transect  Base Flood Elevation Line (BFE)  Limit of Study  Jurisdiction Boundary  Coastal Transect Baseline  Profile Baseline  Hydrographic Feature
-----------------------	---

MAP PANELS	 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 3/2/2023 at 12:28 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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OGRID
Contact Name	Contact Telephone
Contact email	Incident # (assigned by OCD)
Contact mailing address	

Location of Release Source

Latitude _____ Longitude _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	Site Type
Date Release Discovered	API# (if applicable)

Unit Letter	Section	Township	Range	County

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 type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input 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: _____	Title: _____
Signature: <u>Katherine Purvis</u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>11/09/2022</u>

State of New Mexico
Oil Conservation Division

Form C-141

Incident ID	NAPP2231335938
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><50</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 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

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	NAPP2231335938
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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: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 03/13/2023

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Jocelyn Harimon

Date: 03/13/2023

Incident ID	NAPP2231335938
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: Kathy Purvis.

Title: HSE Coordinator

Signature: Katherine Purvis

Date: 3/13/2023

email: katherine.purvis@spurenergy.com

Telephone: 575-441-8619

OCD Only

Received by: Jocelyn Harimon

Date: 03/13/2023

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:

Email Notification

Liner Inspection

Photographic Documentation

Thursday, March 9, 2023 at 15:40:28 Central Standard Time

Subject: Liner Inspection Notification

Date: Friday, March 3, 2023 at 11:26:50 AM Central Standard Time

From: Tristan Jones

To: mike.bratcher@state.nm.us, Robert.Hamlet@state.nm.us, Jennifer.Nobui@state.nm.us, Chris Jones, katherine.purvis@spurenergy.com, bmoulder@spurenergy.com

All,

This is to inform you that Paragon will be conducting a liner inspection on behalf of Spur Energy Partners at the referenced date on 3/7/23. We will begin this inspection at 8:00 AM. Feel free to call me so we can coordinate with you if you'd like to join us.

nAPP2231335938 - Skelly Unit #907

Thank you,

Tristan Jones
Project Coordinator
1601 N. Turner Ste. 500
Hobbs, NM 88240
tristan@paragonenvironmental.net
575-318-6841





Paragon Environmental LLC

Liner Inspection Form

Company Name: Spur Energy Partners

Site: Skelly Unit #907

Lat/Long: 32.81871, -103.87211

NMOCD Incident ID

& Incident Date: NAPP22313359389, 10/30/2022

2-Day Notification

Sent: 3/3/2023

Inspection Date: 3/7/2023

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: _____

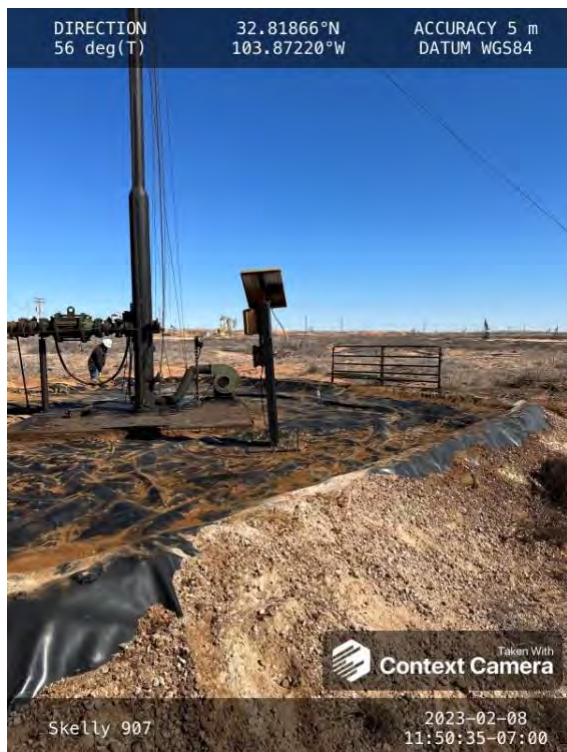
Inspector Name: Tristan Jones

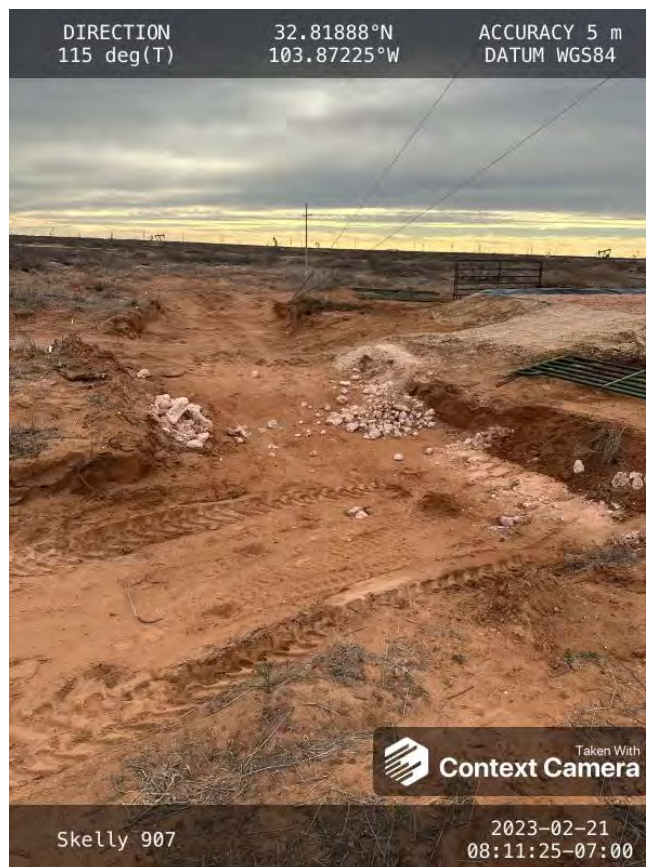


**Photographic Documentation
Spill**



During Cleanup





Complete





Appendix E:
Laboratory Results



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

February 16, 2023

CHRIS JONES

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 907

Enclosed are the results of analyses for samples received by the laboratory on 02/09/23 16:44.

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 with a large, stylized 'C' and 'K'.

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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW - COMP (H230617-01)

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTEx	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

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	02/14/2023	ND	432	108	400	0.00		

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	02/14/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EW - COMP (H230617-02)

BTX 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	02/15/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/15/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/15/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

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	02/14/2023	ND	432	108	400	0.00		

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	02/14/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW - COMP (H230617-03)

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	02/15/2023	ND	2.11	106	2.00	0.890	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	0.768	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.25	104	6.00	0.184	
Total BTEx	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

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	02/14/2023	ND	432	108	400	0.00		

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	02/13/2023	ND	195	97.4	200	1.48	
DRO >C10-C28*	108	10.0	02/13/2023	ND	212	106	200	1.05	
EXT DRO >C28-C36	10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WW - COMP (H230617-04)

BTEx 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/16/2023	ND	2.11	106	2.00	0.890	
Toluene*	3.90	0.200	02/16/2023	ND	2.08	104	2.00	0.772	
Ethylbenzene*	14.0	0.200	02/16/2023	ND	2.04	102	2.00	0.768	
Total Xylenes*	25.2	0.600	02/16/2023	ND	6.25	104	6.00	0.184	
Total BTEX	43.1	1.20	02/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 71.5-134

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	02/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	606	50.0	02/14/2023	ND	195	97.4	200	1.48	
DRO >C10-C28*	2430	50.0	02/14/2023	ND	212	106	200	1.05	
EXT DRO >C28-C36	211	50.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 150 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BC - 1 (H230617-05)

BTX 8021B		mg/kg		Analyzed By: JH				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	106	2.00	0.890	
Toluene*	0.059	0.050	02/15/2023	ND	2.08	104	2.00	0.772	
Ethylbenzene*	0.788	0.050	02/15/2023	ND	2.04	102	2.00	0.768	
Total Xylenes*	2.15	0.150	02/15/2023	ND	6.25	104	6.00	0.184	
Total BTX	2.99	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 153 % 71.5-134

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	02/14/2023	ND	432	108	400	0.00	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	79.4	50.0	02/14/2023	ND	195	97.4	200	1.48	
DRO >C10-C28*	2660	50.0	02/14/2023	ND	212	106	200	1.05	
EXT DRO >C28-C36	467	50.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BC - 2 (H230617-06)

BTX 8021B		mg/kg	Analyzed By: JH					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	106	2.00	0.890	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.772	
Ethylbenzene*	0.849	0.050	02/15/2023	ND	2.04	102	2.00	0.768	
Total Xylenes*	2.18	0.150	02/15/2023	ND	6.25	104	6.00	0.184	
Total BTX	3.03	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 152 % 71.5-134

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	02/14/2023	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*	114	50.0	02/14/2023	ND	195	97.4	200	1.48	
DRO >C10-C28*	3140	50.0	02/14/2023	ND	212	106	200	1.05	
EXT DRO >C28-C36	414	50.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

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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: 02/09/2023
Reported: 02/16/2023
Project Name: SKELLY 907
Project Number: NOT GIVEN
Project Location: SPUR - RURAL NM

Sampling Date: 02/08/2023
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BC - 3 (H230617-07)

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	02/15/2023	ND	2.11	106	2.00	0.890	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.772	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	0.768	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.25	104	6.00	0.184	
Total BTEx	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

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	02/14/2023	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	02/13/2023	ND	195	97.4	200	1.48	
DRO >C10-C28*	49.1	10.0	02/13/2023	ND	212	106	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

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

Company Name: Paragon Environmental
Project Manager: Chris Jones
Address: 1601 N. Turner St., Ste 500
City: Hobbs
Phone #: 575-964-7814
Fax #:

P.O. #:
Company: Spur
Attn: Kathy Paris
Address:
City:
State:
Zip:

Project #:
Project Name: Skelly 907
Project Location: Edgy NM
Sampler Name: TP Star Jones
FOR LAB USE ONLY

Project Owner: Spur Energy
City:
State:
Zip:
Phone #:
Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST					
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					ACID/BASE:	ICE / COOL	OTHER :	TPH	EXT	BTEX
H230617	NW - Comp		5									2/4/23							
1	EW - Comp																		
2	SW - Comp																		
3	NW - Comp																		
4	BC - 1																		
5	BC - 2																		
6	BC - 3																		
7																			

Relinquished By: [Signature]
Date: 2/4/23
Time: 4:44 PM
Received By: [Signature]
Date:
Time:

Delivered By: (Circle One) **#13**
Sampler - UPS - Bus - Other: 13610.72
Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No
CHECKED BY: [Signature] (Initials)
REMARKS:

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 the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.



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

February 24, 2023

CASON SPURLOCK

PARAGON ENVIROMENTAL

5002 CARRAIGE RD

HOBBS, NM 88242

RE: SKELLY 907

Enclosed are the results of analyses for samples received by the laboratory on 02/21/23 16:54.

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 with a large, stylized 'C' and 'K'.

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: 02/21/2023
 Reported: 02/24/2023
 Project Name: SKELLY 907
 Project Number: NOT GIVEN
 Project Location: SPUR - RURAL NM

Sampling Date: 02/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: W-SW 1 (H230824-01)

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	02/22/2023	ND	207	104	200	6.19	
DRO >C10-C28*	<10.0	10.0	02/22/2023	ND	209	104	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	104 %	48.2-134							
Surrogate: 1-Chlorooctadecane	107 %	49.1-148							

Sample ID: S-SW 1 (H230824-02)

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	02/22/2023	ND	207	104	200	6.19	
DRO >C10-C28*	<10.0	10.0	02/22/2023	ND	209	104	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	112 %	48.2-134							
Surrogate: 1-Chlorooctadecane	115 %	49.1-148							

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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: 02/21/2023
 Reported: 02/24/2023
 Project Name: SKELLY 907
 Project Number: NOT GIVEN
 Project Location: SPUR - RURAL NM

Sampling Date: 02/21/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BC - 1 (H230824-03)

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	02/22/2023	ND	207	104	200	6.19	
DRO >C10-C28*	<10.0	10.0	02/22/2023	ND	209	104	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2023	ND					
Surrogate: 1-Chlorooctane	113 %	48.2-134							
Surrogate: 1-Chlorooctadecane	117 %	49.1-148							

Sample ID: BC - 2 (H230824-04)

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	02/22/2023	ND	207	104	200	6.19	
DRO >C10-C28*	<10.0	10.0	02/22/2023	ND	209	104	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	02/22/2023	ND					
Surrogate: 1-Chlorooctane	99.9 %	48.2-134							
Surrogate: 1-Chlorooctadecane	103 %	49.1-148							

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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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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

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

November 30, 2022

CASON SPURLOCK
PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS, NM 88242

RE: SKELLY 907

Enclosed are the results of analyses for samples received by the laboratory on 11/23/22 16:20.

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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 fluid and cursive, with the first name "Celey" being more prominent.

Celey D. Keene
Lab Director/Quality Manager



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

Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S 1 0-6"	H225561-01	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 1 1'	H225561-02	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 1 2'	H225561-03	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 2 0-6"	H225561-04	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 2 1'	H225561-05	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 2 2'	H225561-06	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 3 0-6"	H225561-07	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 3 1'	H225561-08	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 3 2'	H225561-09	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 4 2'	H225561-10	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 4 0-6"	H225561-11	Soil	22-Nov-22 00:00	23-Nov-22 16:20
S 4 1'	H225561-12	Soil	22-Nov-22 00:00	23-Nov-22 16:20

11/30/22 - Client changed the project name (see COC). This is the revised report and replaces the one sent earlier today, 11/30/22.

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 1 0-6"
H225561-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2112819	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 69.9-140 2112802 JH 29-Nov-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane 113 % 45.3-161 2112809 MS 28-Nov-22 8015B

Surrogate: 1-Chlorooctadecane 119 % 46.3-178 2112809 MS 28-Nov-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 1 1'**H225561-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2112819	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			87.0 %	69.9-140		2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112809	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			111 %	45.3-161		2112809	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			117 %	46.3-178		2112809	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 1 2'**H225561-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2112819	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			87.6 %	69.9-140		2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	16.8		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			104 %	45.3-161		2112810	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			114 %	46.3-178		2112810	MS	28-Nov-22	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 2 0-6"
H225561-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2112819	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			84.8 %		69.9-140	2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	64.8		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	19.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			103 %		45.3-161	2112810	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			117 %		46.3-178	2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 2 1'**H225561-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	2112819	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			87.0 %	69.9-140		2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			116 %	45.3-161		2112810	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			124 %	46.3-178		2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 2 2'

H225561-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			89.3 %	69.9-140		2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			114 %	45.3-161		2112810	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	46.3-178		2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 3 0-6"
H225561-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 86.8 % 69.9-140 2112802 JH 29-Nov-22 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	39.8		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane 112 % 45.3-161 2112810 MS 28-Nov-22 8015B

Surrogate: 1-Chlorooctadecane 125 % 46.3-178 2112810 MS 28-Nov-22 8015B

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 3 1'
H225561-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			86.7 %		69.9-140	2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	96.5		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	25.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			118 %		45.3-161	2112810	MS	28-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			130 %		46.3-178	2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 3 2'**H225561-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			88.0 %	69.9-140		2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	47.2		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			120 %	45.3-161		2112810	MS	28-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			131 %	46.3-178		2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 4 2'
H225561-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			87.7 %		69.9-140	2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	35.9		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			113 %		45.3-161	2112810	MS	28-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			128 %		46.3-178	2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 4 0-6"
H225561-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	16.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112802	JH	29-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112802	JH	29-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			88.8 %		69.9-140	2112802	JH	29-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

Surrogate: 1-Chlorooctane			119 %		45.3-161	2112810	MS	28-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			130 %		46.3-178	2112810	MS	28-Nov-22	8015B	
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Cardinal Laboratories

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

S 4 1'
H225561-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	2112821	AC	28-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2112820	JH	28-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2112820	JH	28-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2112820	JH	28-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2112820	JH	28-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2112820	JH	28-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			88.9 %		69.9-140	2112820	JH	28-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
DRO >C10-C28*	13.5		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2112810	MS	28-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			121 %		45.3-161	2112810	MS	28-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			135 %		46.3-178	2112810	MS	28-Nov-22	8015B	
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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2112819 - 1:4 DI Water**Blank (2112819-BLK1)**

Prepared & Analyzed: 28-Nov-22

Chloride	ND	16.0	mg/kg
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LCS (2112819-BS1)

Prepared & Analyzed: 28-Nov-22

Chloride	400	16.0	mg/kg	400	100	80-120
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LCS Dup (2112819-BSD1)

Prepared & Analyzed: 28-Nov-22

Chloride	432	16.0	mg/kg	400	108	80-120	7.69	20
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Batch 2112821 - 1:4 DI Water**Blank (2112821-BLK1)**

Prepared & Analyzed: 28-Nov-22

Chloride	ND	16.0	mg/kg
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LCS (2112821-BS1)

Prepared & Analyzed: 28-Nov-22

Chloride	416	16.0	mg/kg	400	104	80-120
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LCS Dup (2112821-BSD1)

Prepared & Analyzed: 28-Nov-22

Chloride	432	16.0	mg/kg	400	108	80-120	3.77	20
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2112802 - Volatiles**Blank (2112802-BLK1)**

Prepared: 28-Nov-22 Analyzed: 29-Nov-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		87.9	69.9-140			

LCS (2112802-BS1)

Prepared: 28-Nov-22 Analyzed: 29-Nov-22

Benzene	1.90	0.050	mg/kg	2.00		94.8	83.4-122			
Toluene	2.12	0.050	mg/kg	2.00		106	84.2-126			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	84.2-121			
m,p-Xylene	4.39	0.100	mg/kg	4.00		110	89.9-126			
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.3-123			
Total Xylenes	6.43	0.150	mg/kg	6.00		107	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0419		mg/kg	0.0500		83.7	69.9-140			

LCS Dup (2112802-BSD1)

Prepared: 28-Nov-22 Analyzed: 29-Nov-22

Benzene	1.87	0.050	mg/kg	2.00		93.5	83.4-122	1.38	12.6	
Toluene	2.10	0.050	mg/kg	2.00		105	84.2-126	1.23	13.3	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	84.2-121	1.96	13.9	
m,p-Xylene	4.30	0.100	mg/kg	4.00		108	89.9-126	1.93	13.6	
o-Xylene	2.01	0.050	mg/kg	2.00		101	84.3-123	1.60	14.1	
Total Xylenes	6.32	0.150	mg/kg	6.00		105	89.1-124	1.82	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0422		mg/kg	0.0500		84.4	69.9-140			

Batch 2112820 - Volatiles**Blank (2112820-BLK1)**

Prepared & Analyzed: 28-Nov-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2112820 - Volatiles**Blank (2112820-BLK1)**

Prepared & Analyzed: 28-Nov-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		86.0	69.9-140			

LCS (2112820-BS1)

Prepared & Analyzed: 28-Nov-22

Benzene	1.98	0.050	mg/kg	2.00		98.9	83.4-122			
Toluene	2.20	0.050	mg/kg	2.00		110	84.2-126			
Ethylbenzene	2.19	0.050	mg/kg	2.00		110	84.2-121			
m,p-Xylene	4.56	0.100	mg/kg	4.00		114	89.9-126			
o-Xylene	2.13	0.050	mg/kg	2.00		106	84.3-123			
Total Xylenes	6.69	0.150	mg/kg	6.00		112	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0426		mg/kg	0.0500		85.2	69.9-140			

LCS Dup (2112820-BSD1)

Prepared & Analyzed: 28-Nov-22

Benzene	1.90	0.050	mg/kg	2.00		95.1	83.4-122	3.96	12.6	
Toluene	2.12	0.050	mg/kg	2.00		106	84.2-126	3.68	13.3	
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	84.2-121	4.66	13.9	
m,p-Xylene	4.32	0.100	mg/kg	4.00		108	89.9-126	5.42	13.6	
o-Xylene	2.01	0.050	mg/kg	2.00		101	84.3-123	5.58	14.1	
Total Xylenes	6.33	0.150	mg/kg	6.00		106	89.1-124	5.47	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0422		mg/kg	0.0500		84.3	69.9-140			

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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
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2112809 - General Prep - Organics**Blank (2112809-BLK1)**

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	45.3-161			
Surrogate: 1-Chlorooctadecane	52.0		mg/kg	50.0		104	46.3-178			

LCS (2112809-BS1)

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	213	10.0	mg/kg	200		107	76.8-124			
DRO >C10-C28	222	10.0	mg/kg	200		111	74.9-127			
Total TPH C6-C28	435	10.0	mg/kg	400		109	77.5-124			
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	45.3-161			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.7	46.3-178			

LCS Dup (2112809-BS1)

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	215	10.0	mg/kg	200		107	76.8-124	0.891	17.2	
DRO >C10-C28	231	10.0	mg/kg	200		115	74.9-127	3.77	18.6	
Total TPH C6-C28	446	10.0	mg/kg	400		111	77.5-124	2.37	17.6	
Surrogate: 1-Chlorooctane	50.2		mg/kg	50.0		100	45.3-161			
Surrogate: 1-Chlorooctadecane	49.3		mg/kg	50.0		98.6	46.3-178			

Batch 2112810 - General Prep - Organics**Blank (2112810-BLK1)**

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.8	45.3-161			
Surrogate: 1-Chlorooctadecane	48.5		mg/kg	50.0		97.1	46.3-178			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

PARAGON ENVIROMENTAL
5002 CARRAIGE RD
HOBBS NM, 88242

Project: SKELLY 907
Project Number: NOT GIVEN
Project Manager: CASON SPURLOCK
Fax To:

Reported:
30-Nov-22 13:54

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2112810 - General Prep - Organics**LCS (2112810-BS1)**

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	193	10.0	mg/kg	200		96.6	76.8-124			
DRO >C10-C28	188	10.0	mg/kg	200		93.8	74.9-127			
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	77.5-124			
Surrogate: 1-Chlorooctane	51.1		mg/kg	50.0		102	45.3-161			
Surrogate: 1-Chlorooctadecane	54.7		mg/kg	50.0		109	46.3-178			

LCS Dup (2112810-BS1)

Prepared & Analyzed: 28-Nov-22

GRO C6-C10	205	10.0	mg/kg	200		103	76.8-124	6.01	17.2	
DRO >C10-C28	203	10.0	mg/kg	200		102	74.9-127	8.03	18.6	
Total TPH C6-C28	409	10.0	mg/kg	400		102	77.5-124	7.01	17.6	
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0		104	45.3-161			
Surrogate: 1-Chlorooctadecane	58.9		mg/kg	50.0		118	46.3-178			

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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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A handwritten signature in black ink, appearing to read "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

Company Name: Paragon Environmental		P.O. #:	
Project Manager: Cason Spurlock		Company: SPUR LOCKS	
Address: 5002 Carriage Rd		Attn:	
City: Hobbs		State: NM Zip: 88242	
Phone #: 575-631-6977		Fax #:	
Project #:		Project Owner: SPCO	
Project Name: Skelly Foster 907 *		City:	
Project Location: Huel 1/2 mi		State: Zip:	
Sampler Name: Hazel D. Patis		Phone #:	
FOR LAB USE ONLY		Fax #:	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
HASSEL	S1 0-6"	GROUNDWATER	MATRIX
2	S1 1'	WASTEWATER	PRESERV
3	S1 2'	SOIL	SAMPLING
4	S2 0-6"	OIL	
5	S2 1'	SLUDGE	
6	S2 2'	OTHER :	
7	S3 0-6"	ACID/BASE:	
8	S3 1'	ICE / COOL	
9	S3 2'	OTHER :	
10	S4 2'	DATE	TIME
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Relinquished By: [Signature]	Date: 11/23/02	Received By: SPO designer	Time: 10:30
Delivered By: (Circle One) 3.12 COV	Sample Condition Cool Intact Yes No	CHECKED BY: [Initials]	REMARKS: * Project name changed as per Angel. 11/30/02 ck



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Paragon Environmental		BILL TO		ANALYSIS REQUEST																																					
Project Manager: Cason Spurlock		P.O. #:																																							
Address: 5002 Carriage Rd		Company: <i>Shel Energy</i>																																							
City: Hobbs		Attn:																																							
State: NM Zip: 88242		Address:																																							
Phone #: 575-631-6977 Fax #:		City:																																							
Project #:		State:																																							
Project Name: <i>Skell 907</i>		Zip:																																							
Project Location: <i>Barrel NA</i>		Phone #:																																							
Sampler Name: <i>Angel O. Ruiz</i>		Fax #:																																							
FOR LAB USE ONLY																																									
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													
<i>H25541</i>		<i>54 0-6"</i>		<i>6</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>													
<i>12</i>		<i>54 1'</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>		<i>1</i>													
<p>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 the client for the 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 30 days after completion of the applicable services. 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 services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>																																									
Relinquished By: <i>Angel O. Ruiz</i>		Date: <i>11/23/20</i>		Time: <i>11:00</i>		Received By: <i>Sheldi Quetz</i>		Date: <i>11/23/20</i>		Time: <i>11:00</i>		Sample Condition		Cool		Intact		Checked By: <i>(initials)</i>		REMARKS:																					
Delivered By: (Circle One) <i>3.12/0-0.45</i>		Sampler - UPS - Bus - Other: <i>2.51 #113</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																							

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

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
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 196146

CONDITIONS

Operator: Spur Energy Partners LLC 9655 Katy Freeway Houston, TX 77024	OGRID: 328947
	Action Number: 196146
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2231335938 SKELLY UNIT #907, thank you. This closure is approved.	7/17/2023