

August 19, 2019

 Spill Closure Report:
 Apache 25 Federal #003 (Unit Letter "A", Section 25, Township 22 South, Range 30 East)

 API: 30-015-32719

 County: Eddy

 Incident Report: 2RP-5435

Prepared For: Devon Energy Corporation 6488 Seven Rivers Highway Artesia, New Mexico 88210 Vertex Project #: 19E-00575-016

REJECTED

Operator Submited To C-144 Portal, Incomplete C-144, Denied CSmith DIII

Incident#nAB1914252088

New Mexico Oil Conservation Division – District 2 – Artesia 811 South First Street Artesia, New Mexico 88210

Devon Energy Corporation retained Vertex Resource Services Inc. (Vertex) to conduct a Spill Assessment for a produced water and crude oil release caused by a mechanical malfunction on Apache 25 Federal #003, API 30-015-32719, Incident 2RP-5435 (hereafter referred to as "site"). This letter provides a description of the Spill Assessment and includes a request for Spill Closure. The spill area is located at N 32.3684883, W -103.8266678.

Background

The site is located approximately 30 miles east of Carlsbad, New Mexico on Bureau of Land Management (BLM) property. The legal description for the site is Unit Letter "A", Section 25, Township 22 South, Range 30 East in Eddy County, New Mexico. An aerial photograph and site schematic are included in Attachment 1.

The Geological Map of New Mexico (New Mexico Bureau of Geology and Mineral Resources, 2014 – 2017) indicates the site's surface geology is comprised primarily of Qep—Eolian and piedmont deposits (Holocene to middle Pleistocene), and is characterized as interlayed eolian sands and piedmont-slope deposits. Predominant soil texture on the site is fine sand over a sandy clay loam and the area tends to be well-drained with low runoff.

Incident Description

The spill occurred on May 9, 2019, due to a test heater releasing fluid from the vic clamp. Approximately 3.83 barrels (bbls) of produced water and 3.83 bbls of crude oil were released into unlined containment and off-pad. Approximately 3 bbls of free fluid were removed during initial spill clean-up. The incident was reported on May 14, 2019 to the New Mexico Oil Conservation Division (NM OCD) and the incident received RP number 2RP-5435. The initial C-141 Notification Report is included in Attachment 2. Daily Field Reports (DFRs) and site photographs are included in Attachment 3.

vertex.ca

Devon Energy Corporation
Apache 25 Federal #003, 2RP-5435

Closure Criteria Determination

Depth to groundwater was determined using information from Oil and Gas Drilling records and the New Mexico Office of the State Engineer Water Column/Average Depth to Water report. A 5,000-meter search radius was used to determine groundwater depth. The shallowest recorded depth to groundwater was determined to be 413 feet below ground surface (bgs) at 2,014 feet from the site. Documentation used in Closure Criteria Determination research is included in Attachment 4.

Table 1.			
Site Name	: Apache 25 Federal 003 Battery		
Spill Coordinates:		X: 32.36850	Y: -103.82670
Site Specific Conditions		Value	Unit
1	Depth to Groundwater	413	feet
2	Within 300 feet of any continuously flowing watercourse or any other significant watercourse	3311	feet
3	Within 200 feet of any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark)	6345	feet
4	Within 300 feet from an occupied residence, school, hospital, institution or church	13, 376	feet
5	 i) Within 500 feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 	2014	feet
	ii) Within 1000 feet of any fresh water well or spring	2014	feet
6	Within incorporated municipal boundaries or within a defined municipal fresh water field covered under a municipal ordinance adopted pursuant to Section 3-27-3 NMSA 1978 as amended, unless the municipality specifically approves	No	(Y/N)
7	Within 300 feet of a wetland	26800	feet
8	Within the area overlying a subsurface mine	No	(Y/N)
9 Within an unstable area (Karst Map)		Low	Critical High Medium Low
10	Within a 100-year Floodplain	500	year
	NMAC 19.15.29.12 E (Table 1) Closure Criteria	>100'	<50' 51-100' >100'

The closure criteria determined for the site are associated with the following constituent concentration limits as identified in 19.15.29.12 New Mexico Administrative Code (NMAC) and presented in Table 2.

vertex.ca

201 S Mesa Street, Carlsbad, New Mexico 88220, USA | P 575.725.5001

Devon Energy Corporation Apache 25 Federal #003, 2RP-5435

Table 2. Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to groundwater less than			
10,000 mg/l TDS	Constituent	Limit	
	Chloride	20,000 mg/kg	
	TPH (GRO+DRO+MRO)	2,500 mg/kg	
> 100 feet	GRO+DRO	1,000 mg/kg	
	BTEX	50 mg/kg	
	Benzene	10 mg/kg	

Remedial Actions Taken

An initial site inspection of the release area, completed on June 20, 2019, identified the area of the spill specified in the initial C-141 Report, estimated the approximate volume of the spill and white lined the area required for the 811 One Call request. The largest impacted area was determined to be approximately 143 feet long and 101 feet wide; the total affected area was determined to be 6,033 square feet. The DFR associated with the site inspection is included in Attachment 3.

Remediation efforts began on July 8 and were completed on July 24, 2019. Vertex personnel supervised the excavation of impacted soils and field screening, consisting of analysis using a Photo Ionization Detector (volatile hydrocarbons), Dexsil Petroflag using EPA SW-846 Method 9074 (extractable hydrocarbons) and Quantabs (chlorides), was completed on a total of 19 samples. Field screening results were used to differentiate areas requiring further remediation from those areas showing concentrations below determined closure criteria levels. Soils were removed at depths up to 3.5 feet bgs. Impacted soil was transported by a licensed waste hauler and disposed of at an approved waste management facility. Waste Manifests are presented in Attachment 5. Field screening results are presented in Attachment 6, as well as in DFRs in Attachment 3.

Notification that confirmatory samples were being collected was provided to the NMOCD on July 8, 2019 (Attachment 7). Confirmatory five-point composite samples were collected from the base and walls of the excavation such that no composite sample was representative of more than 200 square feet per the alternate sampling method outlined in Subparagraph (c) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC. A total of nineteen (19) samples, including two (2) background samples, were collected for laboratory analysis following NM OCD soil sampling procedures. Samples were submitted to Hall Environmental Analysis Laboratory under chain-of-custody protocols and analyzed using Method 300.0/9056A for chlorides, Method 8021B for volatile organics, including Benzene, Toluene, Ethyl benzene and Xylene (BTEX), and EPA Method 8015D for total petroleum hydrocarbons (TPH), including Motor Oil Range Organics (MRO), Diesel Range Organics (DRO), and Gasoline Range Organics (GRO). Laboratory results are presented in Table 3, Attachment 6 and the complete laboratory data report and chain of custody documentation can be found in Attachment 8. All confirmatory samples collected and analyzed were below closure criteria for the site.

Closure Request

The spill area was fully delineated, remediated and backfilled with local soils by July 24, 2019. Confirmatory samples were analyzed by the laboratory and found to be below allowable concentrations as per Table I of 19.15.29.12 NMAC – Closure Criteria for Soils Impacted by a Release for locations greater than 100 feet to groundwater. Based on these

vertex.ca

Devon Energy Corporation Apache 25 Federal #003, 2RP-5435

findings, Devon Energy Corporation requests that this release incident be closed.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575.361.1137 or dwilliams@vertex.ca.

Sincerely,

Dennis Williams ENVIRONMENTAL EARTHWORKS ADVISOR

Attachments

- Attachment 1. Site Schematic
- Attachment 2. NM OCD C-141 Report
- Attachment 3. Daily Field Report(s) with Pictures
- Attachment 4. Closure Criteria for Soils Impacted by a Release Research Determination Documentation
- Attachment 5. Waste Manifest(s)
- Attachment 6. Table 3 Laboratory Results Table
- Attachment 7. Confirmatory Samples and Liner Inspection Notification to the NM OCD
- Attachment 8. Laboratory Data Reports and COCs

Devon Energy Corporation
Apache 25 Federal #003, 2RP-543

References

- Water Column/Average Depth to Water Report. New Mexico Water Rights Reporting System, (2019). Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html
- Assessed and Impaired Waters of New Mexico. New Mexico Department of Surface Water Quality Bureau, (2019). Retrieved from https://gis.web.env.nm.gov/oem/?map=swqb
- Interactive Geologic Map. New Mexico Bureau of Geology and Mineral Resources, (2019). Retrieved from http://geoinfo.nmt.edu
- Measured Distance from the Subject Site to Residence. Google Earth Pro, (2019). Retrieved from https://earth.google.com
- Point of Diversion Location Report. New Mexico Water Rights Reporting System, (2019). Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html
- Measured Distance from the Subject Site to Municipal Boundaries. Google Earth Pro, (2019). Retrieved from https://earth.google.com
- National Wetland Inventory Surface Waters and Wetland. United State Fish and Wildlife Service, (2019). Retrieved from https://www.fws.gov/wetlands/data/mapper.html
- Coal Mine Resources in New Mexico. NM Mining and Minerals Division, (2019). Retrieved from http://www.emnrd.state.nm.us/MMD/gismapminedata.html
- *New Mexico Cave/Karsts*. United States Department of the Interior, Bureau of Land Management, (2019) Retrieved from https://www.blm.gov/programs/recreation/recreation-programs/caves/new-mexico
- Flood Map Number 35015C1875D. United States Department of Homeland Security, FEMA Flood Map Service Center, (2010). Retrieved from https://msc.fema.gov/portal/search?AddressQuery=malaga%20new%20mexico#searchresultsanchor
- *Well Log/Meter Information Report.* NM Office of the State Engineer, New Mexico Water Rights Reporting System. (2019). Retrieved from http://nmwrrs.ose.state.nm.us/nmwrrs/meterReport.html
- Natural Resources and Wildlife Oil and Gas Releases. New Mexico Oil Conservation Division, (2019). Santa Fe, New Mexico.
- Soil Survey, New Mexico. United States Department of Agriculture, Soil Conservation Service in Cooperation with New Mexico Agricultural Experiment Station. (1971). Retrieved from http://www.wipp.energy.gov/library/Information_Repository_A/Supplemental_Information/Chugg%20et%2 0al%201971%20w-map.pdf

vertex.ca

201 S Mesa Street, Carlsbad, New Mexico 88220, USA | P 575.725.5001

Limitations

This report has been prepared for the sole benefit of Devon Energy Corporation. This document may not be used by any other person or entity, with the exception of the New Mexico Oil Conservation Division, without the express written consent of Vertex Resource Services Inc. (Vertex) and Devon Energy Corporation. Any use of this report by a third party, or any reliance on decisions made based on it, or damages suffered as a result of the use of this report are the sole responsibility of the user.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgement of Vertex based on the data collected during the assessment. Due to the nature of the assessment and the data available, Vertex cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be considered legal advice.

vertex.ca

•

•

ATTACHMENT 1







VERSATILITY. EXPERTISE.

•

•

ATTACHMENT 2

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

ıtitude 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)			
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)	
Produced Water	Volume Released (bbls)	Volume Recovered (bbls)	
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	Yes No	
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 Release			

Received by OCD: 12/19/2019 9:58:50 AM

Was this a major If YES, for what reason(s) does the responsible party consider this release as defined by 19.15.29.7(A) NMAC? Yes No	a major release?

Initial Response

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not 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>Kendra DeHoyos</u>	Date:
email:	Telephone:
OCD Only Received by:	Date:

•

•

ATTACHMENT 3



Client:	Devon Energy Corporation	Inspection Date:	6/20/2019
Site Location Name:	Apache 5 Fed #003	Report Run Date:	6/20/2019 6:50 PM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176		
		Summary of	Fimes
Left Office	6/20/2019 7:15 AM		
Arrived at Site	6/20/2019 8:19 AM		
Departed Site	6/20/2019 10:33 AM		
Returned to Office	6/20/2019 12:40 PM		

.

•

VERTEX



.



Page 16 of 157

Summary of Daily Operations

8:35 Arrive on site and complete all safety paperwork and arrival form.

Next Steps & Recommendations

- 1 Complete research.
- 2 Get maps created.
- **3** Write work plan.
- 4 Complete cleanup and sampling.
- 5 Write closure report for client and NMOCD
- 6 Close file.



Site Photos Viewing Direction: East Viewing Direction: North Spill area to east Overview of site Viewing Direction: North Viewing Direction: North Spill area offsite Spill area to the north







Inspector: Robyn Fisher

Signature:	
-	Signature

.



Client:	Devon Energy Corporation	Inspection Date:	7/8/2019
Site Location Name:	Apache 5 Fed #003	- Report Run Date:	7/8/2019 7:14 PM
Project Owner:	Amanda Davis	- File (Project) #:	19E-00575
Project Manager:	Dennis Williams	- API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176	_	
		Summary of	Times
Left Office	7/8/2019 7:15 AM		
Arrived at Site	7/8/2019 8:05 AM		
Departed Site	7/8/2019 11:32 AM		
Returned to Office	7/8/2019 12:41 PM		

•

•

VERTEX





Summary of Daily Operations

8:05 Arrive on site.

Complete safety paperwork.

Take background samples and field screen.

Complete DFR.

Return to office.

Next Steps & Recommendations

- **1** Begin excavation of spill
- 2 Field screen
- 3 Send samples to lab
- 4 Confirm results meet site criteria
- 5 Backfill

					Sam	npling			
BG1	9-01								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0 ft.	1.1 ppm	47 ppm	Low (30-600 ppm)	42 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36868973, - 103.82698189	Yes
	2 ft.	0.6 ppm	48 ppm	Low (30-600 ppm)	241 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36868973, - 103.82698189	Yes



Site Photos Viewing Direction: East Viewing Direction: Northeast Spill area into open pad Spill area into open pad Viewing Direction: North Viewing Direction: Northwest Spill area inside production area Spill area inside production area















Depth Sample Photos



VE

VERTEX

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature: Signature

.



Client:	Devon Energy Corporation	Inspection Date:	7/9/2019
Site Location Name:	Apache 5 Fed #003	– Report Run Date:	7/10/2019 1:08 AM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176	_	
		Summary of T	Fimes
Left Office	7/9/2019 7:00 AM		
Arrived at Site	7/9/2019 7:45 AM		
Departed Site	7/9/2019 5:40 PM		
Returned to Office	7/9/2019 6:30 PM		

.

•

VERTEX

Site Sketch Date 1/ 8-9, 2019 e 25 Fed 3 Sheet 0.7 *B619-01 POINT Pump Well OFE 1 HEAD ·TP19-03 791905 - 7919-04 1 - TP17 - 02 5-07 - TP19-02 1115-07 . TP19-06 .TP19-01 TP19-69 · TP19-10



					Summary of D	aily Operations			
7	: 49 Arrive c	on site.							
	Comple	te safety pa	aperwork.						
	Excavate spill area.								
	Field screen.								
	Jar samples meeting site criteria.								
	Comple	te DFR.							
	Return	to office.							
					Next Steps & R	ecommendations			
	1								
					Sam	pling			
TP19	9-01								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	2.8 ppm	31 ppm	Low (30-600 ppm)	277 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36829821, - 103.82652498	Yes

TP1

9	-02								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	41.6 ppm	109 ppm	Low (30-600 ppm)	59 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36841200, - 103.82640075	Yes

.

.

Run on 7/10/2019 1:08 AM UTC

.

TP1) -03								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	45.3 ppm	1119 ppm	Low (30-600 ppm)	296 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36843662, - 103.82635249	Yes
TP1	9 -04								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	1 ft.	46.5 ppm	37 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36840684, - 103.82650431	Yes
TP1	9 -05								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	1 ft.	2.3 ppm	27 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36840092, - 103.82657226	Yes
TP1	9 -06								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	9.6 ppm	6820 ppm	Low (30-600 ppm)	59 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36832924, - 103.82656311	Yes



Page 32 of 157

.

VERTEX

Depth ft

0.5 ft.

Depth ft

0.5 ft.

Depth ft

0.5 ft.

Depth ft

0.5 ft.

TP19-07

TP19-08

TP19-09

TP19-10

.

Daily Site Visit Report

Run on 7/10/2019 1:08 AM UTC	

0.3 ppm

33 ppm

0.1 ppm

.

Yes

32.36825708, -

103.82631147

VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
76.1 ppm	2220 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36834683, - 103.82649486	Yes
VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
402.3 ppm	8360 ppm	Low (30-600 ppm)	193 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36833343, - 103.82642194	Yes
VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
4.8 ppm	111 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36826566, - 103.82635354	Yes
VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?

BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW-4500 Cl), TPH (EPA SW-846

Method 8015M)

Petro Flag

Quantab

Low (30-600

ppm)

Quantab



Marked On



Site Photos Viewing Direction: East Viewing Direction: Northeast Excavated area in open pad Excavated area in open pad Viewing Direction: West Viewing Direction: North Excavated area in open pad Excavated area leading into production










Depth Sample Photos Sample Point ID: TP19-01 Sample Point ID: TP19-02 Depth: 0.5 ft. Depth: 0.5 ft. Sample Point ID: TP19-03 Sample Point ID: TP19-04 Depth: 0.5 ft. Depth: 1 ft.









VE

VERTEX

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature:

.



Client:	Devon Energy Corporation	Inspection Date:	7/10/2019
Site Location Name:	Apache 5 Fed #003	– Report Run Date:	7/11/2019 12:55 AM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176	_	
		Summary of	Times
Left Office	7/10/2019 6:30 AM		
Arrived at Site	7/10/2019 7:15 AM		
Departed Site	7/10/2019 5:45 PM		
Returned to Office	7/10/2019 6:48 PM		

.

•

VERTEX



.



Summary of Daily Operations

7:15 Arrive on site.

Complete safety paperwork.

Continue excavation and field screening samples.

Complete DFR.

Return to office.

Next Steps & Recommendations

1

	Sampling									
TP19	P19-06									
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?	
	1 ft.	5.3 ppm	46 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	<	32.36832924, - 103.82656311	Yes	
TP19	P19-07									
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?	
	1 ft.	8.2 ppm	10 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	<	32.36834683, - 103.82649486	Yes	
TP19	9-08									
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?	
	1 ft.	13.4 ppm	78 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36833343, - 103.82642194	Yes	

Run on 7/11/2019 12:55 AM UTC

Powered by www.krinkleldar.com



TP1	9-11								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	997.7 ppm	8860 ppm	Low (30-600 ppm)	30 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36851436, - 103.82629179	Yes
	1 ft.	560.4 ppm	4940 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36851436, - 103.82629179	Yes
	2 ft.	329.1 ppm	1040 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36851436, - 103.82629179	Yes
TP1	9-12								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	1 ft.	7.1 ppm	39 ppm	Low (30-600 ppm)	0.1 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36851582, - 103.82633580	Yes
TP1	9-13								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	0.5 ft.	184.3 ppm	5000 ppm	Low (30-600 ppm)	229 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36857912, - 103.82631449	Yes
	1 ft.	184.3 ppm	5000 ppm	Low (30-600 ppm)	229 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36857912, - 103.82631449	Yes

Run on 7/11/2019 12:55 AM UTC

.

•

Depth ft

0.5 ft.

Depth ft

0.5 ft.

TP19-14

TP19-15

TP19-16

Daily Site Visit Report

VOC PID

155 ppm

VOC PID

1341.4

ppm

Petro Flag

TPH ppm

6480 ppm

Petro Flag

TPH ppm

4610 ppm

Quantab

Range ppm

Low (30-600

ppm)

Quantab

Range ppm

Low (30-600

ppm)

Quantab

Reading ppm

86 ppm

Quantab

Reading ppm

30 ppm

Lab Analysis

BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW-

4500 CI), TPH (EPA SW-846

Method 8015M)

Lab Analysis

BTEX (EPA SW-846 Method

8021B/8260B), Chloride (SW-

4500 CI), TPH (EPA SW-846

Method 8015M)

Method 8015M)

Run on 7/11/2019 12:55 AM UTC	

		VERTEX
Picture	Trimble Location	Marked On Site Sketch?

32.36860007, -

103.82629703

Trimble Location

32.36852384, -

103.82630741

Picture

	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	1 ft.	9.3 ppm	15 ppm	Low (30-600 ppm)	86 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36849180, - 103.82633264	Yes
TP19	9-17								
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?
	1 ft.	1.5 ppm	0 ppm	Low (30-600 ppm)	86 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846	<	32.36847538, - 103.82630215	Yes

Yes

Marked On

Site Sketch?

Yes

Page 45 of 157



Site Photos Viewing Direction: North Viewing Direction: West Excavated area within production area Excavated area within production area Viewing Direction: West Viewing Direction: Southeast Excavated area within production area Excavated area within production area











Depth Sample Photos Sample Point ID: TP19-06 Sample Point ID: TP19-07 Depth: 1 ft. Depth: 1 ft. Sample Point ID: TP19-08 Sample Point ID: TP19-11 Depth: 1 ft. **Depth:** 0.5 ft.













VE

VERTEX

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature:

.



Client:	Devon Energy Corporation	Inspection Date:	
Site Location Name:	Apache 5 Fed #003	– Report Run Date:	7/16/2019 12:08 AM
Project Owner:	Amanda Davis	- File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176	_	
		Summary of	Fimes
Left Office			
Arrived at Site			
Departed Site	7/11/2019 2:46 PM		
Returned to Office	7/11/2019 3:45 PM		

•

•

VERTEX

Attachment B – Mechanical Excavation Permit (continued) 013 01 N 12 015 016 1017 3 Excovates Area 12 05 .8 06 97 -1 9 0] 10 -ANNS Item Color Name Electric WATER LINE Cold Red Gas/oil/steam/chemical TELEPHONE LINE Yellow Communications/CATV FIBER OPTIC FIER OPTIC FOREIGN PIPELINE TV CABLE TV Orange Water Blue Sewer/storm drain -----Green Reclaimed water Purple Temporary survey Proposed excavation Pink

Site Sketch

Run on 7/16/2019 12:08 AM UTC

.

White



Summary of Daily Operations

13:02 Arrive on site.

Fill out safety paperwork. Continue excavation. Complete DFR. Return to office.

Next Steps & Recommendations

1 Operation cancelled for day due to lightning in area.

	Sampling									
TP19	P19-15									
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?	
	2 ft.	3.3 ppm	110 ppm	Low (30-600 ppm)	151 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	,	Yes	



Sample Point ID: TP19-15



V

VERTEX

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature:

.



Client:	Devon Energy Corporation	Inspection Date:	7/12/2019
Site Location Name:	Apache 5 Fed #003	Report Run Date:	7/13/2019 12:25 AM
Project Owner:	Amanda Davis	File (Project) #:	19E-00575
Project Manager:	Dennis Williams	API #:	
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned
Client Contact Phone #:	(575) 748-0176		
		Summary of	Times
Left Office	7/12/2019 7:00 AM		
Arrived at Site	7/12/2019 7:53 AM		
Departed Site	7/12/2019 5:13 PM		
Returned to Office	7/12/2019 6:04 PM		

•

•

VERTEX

Site Sketch



Run on 7/13/2019 12:25 AM UTC



Summary of Daily Operations

9:11 Arrive on site.

Complete safety paperwork. Complete excavation and field screening. Complete DFR. Return to office.

Next Steps & Recommendations

- 1 Send samples to lab
- 2 Confirm closure criteria on site
- **3** Backfill excavated area
- 4 Closure report

	Sampling										
TP19	9-13										
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?		
	3.5 ft.	13.7 ppm	270 ppm	Low (30-600 ppm)	74 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	\checkmark	32.36857912, - 103.82631449	Yes		
TP19	9-14										
	Depth ft	VOC PID	Petro Flag TPH ppm	Quantab Range ppm	Quantab Reading ppm	Lab Analysis	Picture	Trimble Location	Marked On Site Sketch?		
	2 ft.	1.3 ppm	35 ppm	Low (30-600 ppm)	86 ppm	BTEX (EPA SW-846 Method 8021B/8260B), Chloride (SW- 4500 Cl), TPH (EPA SW-846 Method 8015M)	<	32.36860007, - 103.82629703	Yes		



Site Photos Viewing Direction: Southeast Viewing Direction: South Completed excavation on open pad Completed excavation on open pad Viewing Direction: Northeast Viewing Direction: West Completed excavation on open pad Completed excavation on open pad









equipment







Spoil pile estimate 200 yards



Depth Sample Photos Sample Point ID: TP19-14 Sample Point ID: TP19-14 Sample Point ID: TP19-13

In Form Bamping 12 To 2. Second Line December 2. Second Line Decembe

Depth: 2 ft.



Depth: 3.5 ft.

VE

VERTEX

Daily Site Visit Report

Daily Site Visit Signature

Inspector: Austin Harris

Signature:

.



Client:	Devon Energy Corporation	Inspection Date:	7/23/2019				
Site Location Name:	Apache 5 Fed #003	Report Run Date:	7/24/2019 2:32 AM				
Project Owner:	Amanda Davis	File (Project) #:	19E-00575				
Project Manager:	Dennis Williams	API #:					
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned				
Client Contact Phone #:	(575) 748-0176	_					
		Commence of Times					

Summary of Times								
Left Office	7/23/2019 6:57 AM							
Arrived at Site	7/23/2019 7:52 AM							
Departed Site	7/23/2019 7:30 PM							
Returned to Office	7/23/2019 8:20 PM							

Summary of Daily Operations

7:53 Arrived on site and complete all safety paperwork and arrival form.

17:40 Started backfill with clean base coarse material.

18:38 Put wire fence back together.

18:38 Fenced off excavation area.

Next Steps & Recommendations

- **1** Finish backfill tomorrow.
- **2** Complete closure report for NMOCD and the client.
- **3** Close out file.



Site Photos Viewing Direction: North Viewing Direction: South Heater treater area backfilled. Heater treater area backfilled. Viewing Direction: South Viewing Direction: West Fenced off area backfilled. Fenced off area backfilled.





Clean backfill for tomorrow

VE

VERTEX

Daily Site Visit Report Daily Site Visit Signature

Inspector: Robyn Fisher Signature:

.



Client:	Devon Energy Corporation	Inspection Date:	7/24/2019	
Site Location Name:	Apache 5 Fed #003	Report Run Date:	7/24/2019 11:50 PM	
Project Owner:	Amanda Davis	File (Project) #:	19E-00575	
Project Manager:	Dennis Williams	API #:		
Client Contact Name:	Amanda Davis	Reference	2RP- Assigned	
Client Contact Phone #:	(575) 748-0176	_		
Summary of Times				
Left Office	7/24/2019 6:57 AM			

Arrived at Site	7/24/2019 7:49 AM
Departed Site	7/24/2019 1:14 PM
Returned to Office	7/24/2019 2:17 PM

Summary of Daily Operations

7:50 Arrive onsite and complete safety paperwork and arrival form.

12:28 Backfill completed.

Next Steps & Recommendations

1 Complete closure report for NMOCD and the client.

2 Close out file.

.
Daily Site Visit Report





Daily Site Visit Report





.

.

Daily Site Visit Report Daily Site Visit Signature

Inspector: Robyn Fisher

Signature:

.

.

ATTACHMENT 4



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	J,	(qua (qua	rter	s a s a	re 1: re si	=NW : malles	2=NE 3	3=SW 4=SE gest) (NA) AD83 UTM in me	eters)	(In feet)	
	POD		•	~	~							Donth	Danth	Watar
POD Number	Code basin (Count	y 64	u 16	4	Sec	Tws	Rng	х	Y	Distance	Well	Water	Column
C 03221 EXPLORE	CUB	ED	1	2	1	30	22S	31E	610995	3581935* 🌍	614	651		
<u>C 02637</u>	CUB	ED	1	3	3	24	22S	30E	608950	3582377* 🌍	1513	759		
C 02950 EXPL	CUB	ED	4	2	4	23	22S	30E	608740	3582576* 🌍	1780	845		
<u>C 02759</u>	CUB	ED	1	2	1	29	22S	31E	612604	3581952* 🌍	2222	795		
<u>C 02758</u>	CUB	ED	3	2	1	29	22S	31E	612604	3581752* 🌍	2226	661		
<u>C 02762</u>	CUB	ED	3	2	1	29	22S	31E	612604	3581752* 🌍	2226	672		
<u>C 02763</u>	CUB	ED	3	2	1	29	22S	31E	612604	3581752* 🌍	2226	660		
<u>C 02766</u>	CUB	ED	3	3	3	29	22S	31E	612216	3580541* 🌍	2274	589		
<u>C 02683</u>	CUB	ED	3	1	1	20	22S	31E	612184	3583356* 🌍	2324	840		
<u>C 02418</u>	CUB	ED	3	2	3	29	22S	31E	612613	3580948* 🌍	2420	617	413	204
<u>C 02419</u>	CUB	ED	3	2	3	29	22S	31E	612613	3580948* 🌍	2420	225		
C 03976 POD1	CUB	ED	1	3	4	20	22S	31E	612967	3582387 🌍	2633	180		
C 03976 POD2	CUB	ED	1	3	4	20	22S	31E	612967	3582387 🌍	2633	70		
C 03976 POD3	CUB	ED	1	3	4	20	22S	31E	612967	3582387 🌍	2633	182		
C 03976 POD4	CUB	ED	1	3	4	20	22S	31E	612968	3582386 🌍	2633	71		
C 03561 POD4	CUB	ED	3	2	3	36	22S	30E	609419	3579425 🌍	2643	25	0	25
C 03561 POD5	CUB	ED	3	2	3	36	22S	30E	609419	3579425 🌍	2643	20	0	20
C 03561 POD3	CUB	ED	3	2	3	36	22S	30E	609393	3579425 🌍	2653	25	0	25
C 03561 POD2	CUB	ED	3	2	3	36	22S	30E	609314	3579424 🌍	2684	25	0	25
C 03561 POD1	CUB	ED	3	2	3	36	22S	30E	609288	3579393 🌍	2723	30	0	30
<u>C 02413</u>	CUB	ED	1	2	1	20	22S	31E	612586	3583560* 🌍	2767	737		
<u>C 02662</u>	CUB	ED	1	2	2	29	22S	31E	613409	3581960* 🌍	3027	856		
<u>C 02765</u>	CUB	ED	1	2	2	29	22S	31E	613409	3581960* 🌍	3027	856		
<u>C 02989</u>	CUB	ED	3	4	4	20	22S	31E	613404	3582162* 🌍	3034	54		
<u>C 02753</u>	CUB	ED	1	4	4	20	22S	31E	613404	3582362* 🌍	3059	851		
<u>C 02986</u>	CUB	ED	1	4	4	20	22S	31E	613404	3582362* 🌍	3059	71		

*UTM location was derived from PLSS - see Help

Re

eceived by OCD: 12/19/201	9 9:58:50 AM												Pag	ge 78 of 1
(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	d,	(qua (qua	irtei	rs a rs a	ire 1: ire si	=NW :	2=NE st to la	3=SW 4=SE rgest) (N	E) AD83 UTM in ma	eters)	(In feet)	
	POD		•	~	~							-		
POD Number	Sub- Code basin (Count	Q ty 64	Q 16	Q 4	Sec	Tws	Rng	x	Y	Distance	Depth Well	Depth Water	Water Column
C 02990	CUB	ED	1	4	4	20	22S	31E	613404	3582362* 🌍	3059	71		
<u>C 02505</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	69	48	21
<u>C 02506</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	69	48	21
<u>C 02507</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	73	45	28
<u>C 02752</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	2875		
<u>C 02801</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	65		
C 02802	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	65		
C 02803	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	65		
<u>C 02981</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	62		
<u>C 02983</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	60		
<u>C 02987</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	68		
<u>C 02991</u>	CUB	ED	4	4	4	20	22S	31E	613604	3582162* 🌍	3233	64		
C 02737	С	ED	2	4	2	29	22S	31E	613604	3581567 🌍	3238	710		
C 02811	CUB	ED	2	4	2	29	22S	31E	613613	3581558* 🥌	3247	80		
C 02980	CUB	ED	2	4	4	20	22S	31E	613604	3582362* 🥌	3256	62		
C 02982	CUB	ED	2	4	4	20	22S	31E	613604	3582362* 🌍	3256	65		
C 02984	CUB	ED	2	4	4	20	22S	31E	613604	3582362* 🥌	3256	65		
C 02985	CUB	ED	2	4	4	20	22S	31E	613604	3582362* 🥘	3256	62		
C 02988	CUB	ED	2	4	4	20	22S	31E	613604	3582362* 🦲	3256	75		
C 02749	CUB	ED	1	1	1	18	22S	31E	610556	3585146* 🦲	3263	640		
C 02750	CUB	ED	1	1	1	18	22S	31E	610556	3585146* 🥌	3263	741		
 C 02751	CUB	ED	1	1	1	18	22S	31E	610556	3585146* 🥌	3263	637		
 C 02754	CUB	ED	4	2	4	20	22S	31E	613599	3582564* 🥌	3287	1045		
C 02748	CUB	ED	1	2	3	17	22S	31E	612576	3584364* 🥌	3308	3856		
<u> </u>	CUB	ED.	2	2	4	29	228	31F	613618	3581156*	3317	725		
C 02761	CUR	FD	2	2	۲	_0 29	225	31F	613618	3581156*	3317	730		
<u> </u>		ED	2 2	2 2	⊿	20	229	31	613612	3581156*	2217	902		
$C_{02761} POD1$			2	2 0	4	29 20	220	310	612654	3591104	2260	30Z		
			2	2	4	29 20	220	315	612610	3580056*	330Z	120		

*UTM location was derived from PLSS - see Help

.

Received by OCD: 12/19/2019 9:58:50 AM

2													, ,
(A CLW##### in the POD suffix indicates the POD has been replaced	(R=POD has been replaced O=orphaned,	l,	(200	to ro	oro 1				-,				
water right file.)	C=the file is closed)		(quai	ters	are s	malles	$z = n \Box$	rgest) (N	=) IAD83 UTM in m	eters)	(In feet)	
	POD												
POD Number	Sub- Code basin (Coun	Q tv 64	Q 0 16 4) Sec	Tws	Rna	x	Y	Distance	Depth Well	Depth Water	Water Column
<u>C 02755</u>	CUB	ED	4	4 2	2 20	22S	31E	613595	3582966* 🌍	3389	1040		
<u>C 02417</u>	CUB	ED	4	4 4	1 29	22S	31E	613623	3580554* 🔵	3504	681		
<u>C 02684</u>	CUB	ED	4	2 2	2 20	22S	31E	613590	3583368* 🌍	3533	1060		
C 03559 POD1	CUB	ED	4	3 2	2 01	23S	30E	609928	3578260 🌍	3654	50	0	50
C 03559 POD2	CUB	ED	4	3 2	2 01	23S	30E	609928	3578260 🌍	3654	25	0	25
C 03559 POD3	CUB	ED	4	3 2	2 01	23S	30E	609928	3578260 🌍	3654	20	0	20
C 03559 POD4	CUB	ED	4	3 2	2 01	23S	30E	609928	3578260 🌍	3654	25	0	25
<u>C 02725</u>	CUB	ED	1	1 1	05	23S	31E	612240	3578731* 🌍	3662	532		
<u>C 02775</u>	CUB	ED	1	1 ′	05	23S	31E	612240	3578731* 🌍	3662	529		
C 03559 POD5	CUB	ED	4	3 2	2 01	23S	30E	609912	3578236 🌍	3680	50		
<u>C 02639</u>	CUB	ED	4	4 4	17	22S	31E	613585	3583770* 🌍	3715	3928		
<u>C 02776</u>	CUB	ED	2	1 '	05	23S	31E	612440	3578731* 🌍	3767	661		
<u>C 02638</u>	CUB	ED	4	3 3	3 35	22S	30E	607558	3578948* 🌍	4075	528		
<u>C 02414</u>	CUB	ED	3	1 3	3 16	22S	31E	613782	3584176* 🌍	4098	846		
<u>C 03139</u>	CUB	ED	4	2 4	¥ 01	23S	30E	610424	3577764* 🌍	4123	425		
<u>C 02420</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	779	450	329
<u>C 02421</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	786	450	336
<u>C 02422</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	785	450	335
<u>C 02423</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	782	450	332
<u>C 02424</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	786	450	336
<u>C 02425</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	788	450	338
<u>C 02426</u>	CUB	ED	4	2 3	3 28	22S	31E	614423	3580964* 🌍	4145	785	450	335
<u>C 03015</u>	CUB	ED	1	4 3	3 22	22S	30E	606099	3582353* 🌍	4308	1316	262	1054
<u>C 02664</u>	CUB	ED	3	3 2	2 05	23S	31E	613049	3578138* 🌍	4600	4291	354	3937
<u>C 02415</u>	CUB	ED	3	3 4	16	22S	31E	614592	3583785* 🌍	4618	880	448	432
<u>C 02682</u>	CUB	ED	4	4 4	1 08	22S	31E	613566	3585379* 🌍	4725	4400		
<u>C 02416</u>	CUB	ED	3	2 4	1 28	22S	31E	615027	3580973* 🌍	4734	800	401	399
<u>C 02723</u>	CUB	ED	2	2 3	3 15	22S	30E	606282	3584363* 🌍	4789	651		
C 02685	CUB	ED	2	2 2	2 28	22S	31E	615218	3581978* 🌍	4836	900		

*UTM location was derived from PLSS - see Help

.

Received by OCD: 12/19/2019 9:58:50 AM

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)	(R=POD has been replaced O=orphaned, C=the file is closed)	J,	(qua (qua	rter rter	s a s a	are 1: are si	=NW malles	2=NE 3	3=SW 4= ⁻ gest)	=SE) (NA	D83 UTM in me	eters)	(1	n feet)	
POD Number	POD Sub- Code basin (Count	Q y 64	Q 16	Q 4	Sec	Tws	Rng		x	Y	Distance	Depth Well	Depth Water	Water Column
C 02492	CUB	ED	4	4	4	06	23S	31E	6120	56	3577320* 🌍	4864	135	85	50
C 02865	CUB	ED	4	4	4	06	23S	31E	6120	56	3577320* 🌍	4864	174		
C 03520 POD1	С	ED	3	1	1	07	23S	31E	6107	33	3576905 🌍	4993	500		
											Avera	ge Depth to	Water:	210	feet
												Minimum	Depth:	0	feet
												Maximum	Depth:	450	feet
Record Count: 87															

UTMNAD83 Radius Search (in meters):

Easting (X): 610382

Northing (Y): 3581887

Radius: 5000

*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.



New Mexico Office of the State Engineer Active & Inactive Points of Diversion

(with Ownership Information)

	(acre ft per a	annum)				(R=POD has been replac and no longer serves this C=the file is closed)	ed file, (qua (qua	rters are	e 1=N' e sma	W 2=N llest to	E 3=SW 4 largest)	4=SE) (NAD83	UTM in meters)	
WR File Nbr	Sub basin Use Diversio	on Owner	County	POD Number	Well Tag	Code Grant	Source	q q q 6416 4	Sec	Tws	Rng	х	Y	Distance
<u>C 03221</u>	CUB MON	0 U.S. DEPART OF ENERGY	ED	C 03221 EXPLORE			Artesian	121	30	22S	31E	610995	3581935* 🌍	614
<u>C 02637</u>	CUB MON	0 U.S. DEPARTMENT OF ENERGY	ED	<u>C 02637</u>				133	24	22S	30E	608950	3582377* 🌍	1513

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 610382

Northing (Y): 3581887

Radius: 1610

Sorted by: Distance

*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.

U.S. Fish and Wildlife Service National Wetlands Inventory

25 Endoral 002 Pivorina 2211ft

Page 82 of 157





June 20, 2019

Wetlands

- Estuarine and Marine Deepwater

Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

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

6/20/2019





U.S. Fish and Wildlife Service National Wetlands Inventory

Apache 25 Federal 003 Lake/Pond 6345ft

Page 84 of 157



June 20, 2019

Wetlands

- Estuarine and Marine Deepwater

Estuarine and Marine Wetland

- Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland

Freshwater Pond



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







U.S. Fish and Wildlife Service National Wetlands Inventory

Apache 25 Federal 003 Wetland 26800ft

Page 88 of 157



June 20, 2019

Wetlands

- Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Forested/Shrub Wetland

Freshwater Emergent Wetland

Freshwater Pond



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

Active Mines in New Mexico



* Aggregate, Stone etc.

U.S. Bureau of Land Management - New Mexico State Office, Sources: Esri, USGS, NOAA, Sources: Esri, Garmin, USGS, NPS



Received by OCD: 12/19/2019 9:58:50 AM

3°49'54

National Flood Hazard Layer FIRMette



Legend

32°22'21.80"N	SEE FIS REPORT F	OR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
	SPECIAL FLO HAZARD ARE	OD AS COD CAS
	4	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 <i>Zone X</i>
	OTHER AREAS FLOOD HAZA	OF RD
and the second of the second o	OTHER ARE	No SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs
	GENER	RAL - — - Channel, Culvert, or Storm Sewer RES IIIIIII Levee, Dike, or Floodwall
EddyCounty AREAOFMINIMAL FLOOD HAZARD	6 191	20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation (a) Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary
85015C1400D 0/4/2010 NotPrinted	OTH	IER - Profile Baseline Hydrographic Feature Digital Data Available N No Digital Data Available N
		ELS Unmapped V The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.
A CARLES AND A CARLES AND A CARLES	This map digital floc The basen accuracy s	complies with FEMA's standards for the use of od maps if it is not void as described below. nap shown complies with FEMA's basemap standards
	The flood authoritat was expor reflect cha CO time. The become s	hazard information is derived directly from the ive NFHL web services provided by FEMA. This map ted on 6/20/2019 at 3:11:31 PM and does not anges or amendments subsequent to this date and NFHL and effective information may change or uperseded by new data over time.
USGS The National Map: Ortholmagery. Data refreshed April, 201 Feet 1:6,000 32°21'51.4	9 17. This map i 9 17. elements 19. ↓ 17. elements 19. ↓ 17. elements 19. ↓ 17. ↓ 18. ↓ 19. ↓	image is void if the one or more of the following map do not appear: basemap imagery, flood zone labels, ale bar, map creation date, community identifiers, el number, and FIRM effective date. Map images for d and unmodernized areas cannot be used for

0

500

1,000

1,500

2,000

regulatory purposes.



USDA United States Department of Agriculture



Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Eddy Area, New Mexico



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/? cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

•

•

Contents

Preface	2
How Soil Surveys Are Made	5
Soil Map	
Soil Map	9
Legend	10
Map Unit Legend	11
Map Unit Descriptions	11
Eddy Area, New Mexico	13
BB—Berino complex, 0 to 3 percent slopes, eroded	13
References	16

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic classes has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.



•

•

Custom Soil Resource Report

MA	P LEGEND	MAP INFORMATION
Area of Interest (AOI) Area of Interest (AO Soils	DI) Spoil Area	The soil surveys that comprise your AOI were mapped at 1:20,000.
Soils Soil Map Unit Poly Soil Map Unit Lines Soil Map Unit Point Soil Map Unit Point Special Point Features Image: Soil Map Unit Point Image: Soil Color Image: Soil Color	yons yons	 Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data as of the version date(s) listed below. Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 14, Sep 12, 2018 Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: Dec 31, 2009—Sep 17, 2017 The orthophoto or other base map on which the soil lines were
		compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
ВВ	Berino complex, 0 to 3 percent slopes, eroded	1.8	100.0%
Totals for Area of Interest		1.8	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Eddy Area, New Mexico

BB—Berino complex, 0 to 3 percent slopes, eroded

Map Unit Setting

National map unit symbol: 1w43 Elevation: 2,000 to 5,700 feet Mean annual precipitation: 5 to 15 inches Mean annual air temperature: 57 to 70 degrees F Frost-free period: 180 to 260 days Farmland classification: Not prime farmland

Map Unit Composition

Berino and similar soils: 60 percent Pajarito and similar soils: 25 percent Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Berino

Setting

Landform: Fan piedmonts, plains Landform position (three-dimensional): Riser Down-slope shape: Convex Across-slope shape: Linear Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 17 inches: fine sand H2 - 17 to 58 inches: sandy clay loam H3 - 58 to 60 inches: loamy sand

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural 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 in profile: 40 percent
Salinity, maximum in profile: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified Land capability classification (nonirrigated): 7e Hydrologic Soil Group: B Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Description of Pajarito

Setting

Landform: Interdunes, dunes, plains Landform position (three-dimensional): Side slope Down-slope shape: Linear, convex Across-slope shape: Linear, convex Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 9 inches: loamy fine sand *H2 - 9 to 72 inches:* fine sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Natural 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 in profile: 40 percent
Salinity, maximum in profile: Nonsaline (0.0 to 1.0 mmhos/cm)
Sodium adsorption ratio, maximum in profile: 1.0
Available water storage in profile: Moderate (about 8.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e Land capability classification (nonirrigated): 7e Hydrologic Soil Group: A Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Minor Components

Cacique

Percent of map unit: Ecological site: Sandy (R042XC004NM) Hydric soil rating: No

Pajarito

Percent of map unit: Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Wink

Percent of map unit: Ecological site: Loamy Sand (R042XC003NM) Hydric soil rating: No

Kermit

Percent of map unit: Ecological site: Deep Sand (R042XC005NM) Hydric soil rating: No

.

•

Custom Soil Resource Report

References

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.

Federal Register. July 13, 1994. Changes in hydric soils of the United States.

Federal Register. September 18, 2002. Hydric soils of the United States.

Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.

National Research Council. 1995. Wetlands: Characteristics and boundaries.

Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/ nrcs/detail/national/soils/?cid=nrcs142p2_054262

Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577

Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2 053580

Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.

United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.

United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/ home/?cid=nrcs142p2_053374

United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/ detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/? cid=nrcs142p2 053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

ATTACHMENT 5
R360	NEV	V MEXICO NON-HAZ	ARDOUS OILFIELD WAS LEASE PRINT)	TE MANIFEST	Company Man Contact Inform
SOLUTIONS					Phone No
		GE	NERATOR	N	0.388938
Operator No.			Permit/RRC N	o	10 01 24 10 00 64
Operators Name	(mover)		Name & No.	Aperch	e 751013
ddress	10 m 1 m 1	<u> </u>	County	E. Wy	
ity State Zin	- Marting a	to the	API No.	-10- UT	0- 52711
hone No.	1-1-6		Rig Name & N	0	
EX	EMPT F&P Waste/Service	e Identification and Am	AFE/PO NO.		
Dil Based Muds	NON-INJEC	TABLE WATERS	ount (place volume next to	INJECTABLE WATERS	or cubic yards)
Vater Based Muds	Washout V Completion	Vater (Non-Injectable) n Fluid/Flow back (Non-Inie		Washout Water (Inje	ectable)
Vater Based Cuttings	Produced V	Water (Non-Injectable)		Produced Water (Inje	ectable)
ank Bottoms	Gathering	Line Water/Waste (Non-Inj USE ONLY	ectable)	Gathering Line Wate	r/Waste (Injectable)
&P Contaminated Soil	Truck Wash	hout (exempt waste)			i co (type and generation process of the waste)
ASTE GENERATION PROCESS:	DRILLING		OMPLETION		GATHERING LINES
The second second states		NON-EXEMPT E&P Was	ite/Service Identification and A	mount	
All no	n-exempt E&P waste must b	e analysed and be below th	ne threshold limits for toxicity (TCLP), Ignitability, Corrosi	vity and Reactivity.
on-Exempt Other			*please select	from Non-Exempt Waste	e List on back
UANTITY	20	B - BARRELS	L - LIQUID	- Y-	YARDS E - EACH
ereby certify that according to the F	Resource Conservation and R	ecovery Act (RCRA) and the	e US Environmental Protection	Agency's July 1988 regula	tory determination, the above described wast
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no	zardous that does not exce dous waste as defined by 4 the appropriate items as p RCRA Hazardous Wa no oilfeild waste that has be	eed the minimum standards fo 0 CFR, part 261, subpart D, as rovided) Iste Analysis [een ordered by the Departmen	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 ocumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption ME	azardous that does not exce dous waste as defined by 4 the appropriate items as p RCRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom	eed the minimum standards fo 0 CFR, part 261, subpart D, as a rovided) aste Analysis [een ordered by the Departmen pany this form) 	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste figure for the standard sta
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption ME	zardous that does not exce dous waste as defined by 4 the appropriate items as p	eed the minimum standards fo 0 CFR, part 261, subpart D, as rovided) Iste Analysis [een ordered by the Departmen pany this form) 	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste Manage Manage SIGNATURE
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption ME	zardous that does not exce dous waste as defined by 4 the appropriate items as p RCRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA	eed the minimum standards fo 0 CFR, part 261, subpart D, as a rovided) aste Analysis [een ordered by the Departmen pany this form) DATE NSPORTER Driver's Name	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 ocumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste Mana Parada SIGNATURE
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption ME	Arrow and a second seco	eed the minimum standards fo 0 CFR, part 261, subpart D, as rovided) iste Analysis [een ordered by the Departmen pany this form) DATE ⁽ NSPORTER Driver's Name Print Name	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste Managementation of non-hazardous waste SIGNATURE
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption we	zardous that does not exce dous waste as defined by 4 the appropriate items as p	eed the minimum standards fo 0 CFR, part 261, subpart D, as a rovided) aste Analysis [een ordered by the Departmen pany this form) DATE / NSPORTER Driver's Name Print Name Phone No.	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the order document docume	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE SIGNATURE
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we	zardous that does not exce dous waste as defined by 4 the appropriate items as p	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) este Analysis [een ordered by the Departmen pany this form) DATE ⁶ NSPORTER Driver's Name Print Name Phone No. Truck No.	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste base particular SIGNATURE 0 MAMAA 209 6966
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we COCKMAN material(s) was/were picked	zardous that does not exce dous waste as defined by 4 the appropriate items as p	eed the minimum standards fo 0 CFR, part 261, subpart D, as rovided) uste Analysis een ordered by the Departmen pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) ar, documentation of non-hazardous waste signature 204-6466 al facility listed below.
	il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we RUCKUS material(s) was/were picked	Izardous that does not exce dous waste as defined by 4 the appropriate items as pr RCRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) este Analysis een ordered by the Departmen pany this form) DATE ^C NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the order t of Public Safety (the order t of Public Safety (t	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste bigNATURE DIATURE 209-6966 al facility listed below.
	il field waste which is non-ha 51.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we UCCMUS material(s) was/were picked DRIVER'S SIGNA E STAMP	Izardous that does not exce dous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA UNURE	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [een ordered by the Departmen pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste signature 0.1.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption ME RUCKMS material(s) was/were picked DRIVER'S SIGNA E STAMP DUT:	Izardous that does not exce dous waste as defined by 4 the appropriate items as pr RCRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA URA up at the Generator's site I	eed the minimum standards fo 0 CFR, part 261, subpart D, as a rovided) este Analysis een ordered by the Departmen pany this form) DATE NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with DET SAL FACILITY	T waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the order t of Public Safety (the order t of Public Safety (the order	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE UNIVER'S SIGNATURE RECEIVING AREA IO.
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we RUCKMM material(s) was/were picked DRIVER'S SIGN/ E STAMP DUT:	Izardous that does not exce dous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA UNURE DISPO	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis een ordered by the Departmen pany this form) DATE ² NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the order description of the disposition of the disposition NERY DATE Name/N	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste signature 204.6466 al facility listed below. DRIVER'S SIGNATURE RECEIVING AREA JO.
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption ME RUCKMS material(s) was/were picked DRIVER'S SIGN/ E STAMP DUT:	Azardous that does not exceedous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be nof the waste must accom TRA UNITE DISPO	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) uste Analysis een ordered by the Departmen pany this form) DATE' NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No.	The following de la construction	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) ar, documentation of non-hazardous waste signature 204.6466 al facility listed below. DRIVER'S SIGNATURE RECEIVING AREA JO.
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we material(s) was/were picked DRIVER'S SIGN/ E STAMP DUT:	Azardous that does not exce dous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be nof the waste must accom TRA Up at the Generator's site I WURE DISPO: abad, NM 88220	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [een ordered by the Departmen pany this form) DATE ⁽ NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No.	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde double Safety (the orde) double Safety (t	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE 2046966 al facility listed below. DRIVER'S SIGNATURE RECEIVING AREA JO.
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we COUCK MAC ME COUCK MAC ME COUCK SIGN/ E STAMP DUT: M1-006 62/180 Mile Marker 66 Carls N? (Circle One) YES GT? (Circle One)	Azardous that does not exce dous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be nof the waste must accom TRA UNURE DISPO sbad, NM 88220 NO YES	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [een ordered by the Departmen pany this form) DATE [/] NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No. If YES, was rea NO	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde description of the disposed NVERY DATE Name/N 575-393-1079 ding > 50 micro roentgens	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) ar, documentation of non-hazardous waste bigNATURE SIGNATURE DIEVER'S SIGNATURE RECEIVING AREA Jo. S? (circle one) YES NO
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption ME RUCKMS material(s) was/were picked DRIVER'S SIGN/ E STAMP DUT: M1-006 62/180 Mile Marker 66 Carls N? (Circle One) YES ST? (Circle One)	Azardous that does not exceedous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA Up at the Generator's site I TRA DISPO	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [een ordered by the Departmen pany this form) DATE ^C NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No. If YES, was rea NO	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde description of the ord	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste
	Il field waste which is non-ha 51.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we determination and a desciption material(s) was/were picked DRIVER'S SIGMA E STAMP DUT: M1-006 62/180 Mile Marker 66 Carls N? (Circle One) YES ST? (Circle One)	Izardous that does not exce dous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA Up at the Generator's site I INTURE DISPO Ibad, NM 88220 NO YES TANK Inches	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [Deen ordered by the Departmen pany this form) DATE ² NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with DET SAL FACILITY Phone No. If YES, was rea NO SBOTTOMS	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the order description of the disposition of the dis	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE SIGNATURE DIEVER'S SIGNATURE RECEIVING AREA JO. S? (circle one) YES NO
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption ME RUCKMS RUCKMS	Azardous that does not exceedous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA up at the Generator's site I UTURE DISPO: bad, NM 88220 NO YES TANK Inches	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) uste Analysis [een ordered by the Departmen pany this form) DATE [/] NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No. If YES, was rea NO BOTTOMS	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde disposed of the safety (the orde) safety (the orde) of the safety (the orde) of	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste signature 204444 Jone 204666 al facility listed below. DRIVER'S SIGNATURE RECEIVING AREA Jo. S? (circle one) YES NO
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption ME RUCKWS ME RUCKWS ME RUCKWS ME RUCKWS ME RUCKWS ME RUCKWS ME RUCKWS ME RUCKSS ME	Azardous that does not exceedous waste as defined by 4 the appropriate items as p CRA Hazardous Wa n-oilfeild waste that has be n of the waste must accom TRA Up at the Generator's site I UNURE DISPO: CALL ADDISPO: CALL ADDISPO	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [Deen ordered by the Departmen pany this form) DATE ⁽ NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No. If YES, was rea NO SBOTTOMS	r waste hazardous by char amended. The following do Other (Provide Descrip t of Public Safety (the orde double Safety (the orde) double Safety (the or	acteristics established in RCRA regulations, 40 occumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE 2046966 al facility listed below. DRIVER'S SIGNATURE RECEIVING AREA JO. BS&W (%)
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no etermination and a desciption we ME MUCK MM ME MILOUG E STAMP DUT: M1-006 62/180 Mile Marker 66 Carls N? (Circle One) YES ST? (Circle One) YES ST? (Circle One)	ACCEDTED	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [Den ordered by the Departmen pany this form) DATE [/] NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with SAL FACILITY Phone No. If YES, was rea NO BOTTOMS	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde description of the dispos nout incident to the dispos NVERY DATE Name/N 575-393-1079 ding > 50 micro roentgens S&W/BBLS Received Free Water Total Received	acteristics established in RCRA regulations, 40 bocumentation demonstrating the waste as nor ption Below) ar, documentation of non-hazardous waste bigNATURE SIGNATURE DIEVER'S SIGNATURE RECEIVING AREA Jo. S? (circle one) YES NO
	Il field waste which is non-ha 61.21-261.24, or listed hazard azardous is attached. (Check ISDS Information mergency non-hazradous, no atermination and a desciption ME RUCKMS ME RUCKMS ME RUCKMS ME RUCKSSIGN RUCKSSIGN RUCKSSI RUCKSSI RUCKSSIGN RUCKSSIGN RUCKSSIGN RUCKSSIGN	Accepted	eed the minimum standards fo 0 CFR, part 261, subpart D, as i rovided) iste Analysis [Deen ordered by the Departmen pany this form) DATE ⁽ NSPORTER Driver's Name Print Name Phone No. Truck No. isted above and delivered with DEVIED If denied, wh	r waste hazardous by char amended. The following de Other (Provide Descrip t of Public Safety (the orde 	acteristics established in RCRA regulations, 40 boumentation demonstrating the waste as nor ption Below) er, documentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE RECEIVING AREA IO. PRIVER'S SIGNATURE RECEIVING AREA IO. BS&W (%)

				(PLEASE PRIN	T)		Name	ma (heli)
	e and the second states of			GENERAT	OR	1	Phone No.	2), =10% #
Operator No.				SPICE IVAL	Permit/RBC No		0.38894.	1.
Operators Name	on Energy		14 1		Lease/Well Name & No.	April	e stint?	2
Address	Bornk	21211	h, when y		County	1.1		
- 12.1	a in Ala	M			API No.	30-41	3-36714	
City, State, Zip	CAG NOU	MILYICE)		Rig Name & No.		w/17	
Phone No.	/) % / * * · ·).				AFE/PO No.			
Oil Based Muds	EXEMPT E&P W	aste/Service Id	lentification and	Amount (place v	olume next to w	aste type in barrels	s or cubic yards)	E spose pro
Oil Based Cuttings		Washout Wate	er (Non-Injectable)			Washout Water (In	is jectable)	
Water Based Muds Water Based Cuttings		Completion Flu	uid/Flow back (Non	n-Injectable)		Completion Fluid/F	low back (Injectable)	
Produced Formation Solids		Gathering Line	Water/Waste (Nor	n-Injectable)	Addition of the second s	Gathering Line Wat	er/Waste (Injectable)	
E&P Contaminated Soil	10	INTERNAL USE	t (exempt waste)			OTHER EXEMPT WA	STES (type and generation pro	ocess of the waste)
Gas Plant Waste					-	1.000	Belley	
VASTE GENERATION PROCE	.55:	DRILLING] COMPLETION		PRODUCTION	GATHER	ING LINES
PERSONAL PROPERTY.	All non-exempt E&P	waste must be ar	NON-EXEMPT E&P	Waste/Service Ide	ntification and Amo	ount		
Ion-Exempt Other	annon exempt cop (aste must be ar	anyseu anu de delo	w the threshold lin	*please select fr	Den Non-Exempt Mar	te list on back	The Alternation
	1.2				picase select ji	Sin Non-Exempt was		
UANTITY	2.50	12 10 1	B - BARRELS		L - LIQUID	CX.	YARDS	E - EACH
	load basis only) Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio	enerated from oi nich is non-hazar r listed hazardou ched. (Check the n	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous silfeild waste that ha	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by	operations and are um standards for w L, subpart D, as am the Department o	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Accep aracteristics established in documentation demonstra ription Below) der, documentation of nor	rts certifications on a per RCRA regulations, 40 CFF titing the waste as non-
	load basis only) Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio	enerated from of nich is non-hazarr r listed hazardou ched. (Check the n	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous silfeild waste that has f the waste must ac	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form	operations and are un standards for w l, subpart D, as am the Department o)	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Acception aracteristics established in documentation demonstration ription Below) der, documentation of nor	rts certifications on a per RCRA regulations, 40 CFI titing the waste as non-
	 load basis only) Oil field waste with 261.21-261.24, on hazardous is attained. MSDS Information MSDS Information and determination and the second second	enerated from of nich is non-hazard r listed hazardou ched. (Check the n	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous ilifeild waste that hat f the waste must ac	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form	operations and are im standards for w i, subpart D, as am the Department o) MTE	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Accept aracteristics established in documentation demonstra ription Below) der, documentation of nor SIGNATURE	rts certifications on a per RCRA regulations, 40 CFF ating the waste as non- n-hazardous waste
	load basis only) Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio D: Emergency non-F determination an	enerated from of nich is non-hazarı r listed hazardou ched. (Check the n	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilfeild waste that ha f the waste must ac	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR	operations and are un standards for w l, subpart D, as am the Department o) DATE TER	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Accept aracteristics established in documentation demonstra ription Below) der, documentation of nor SIGNATURE	rts certifications on a per RCRA regulations, 40 CFI ting the waste as non- n-hazardous waste
	load basis only) Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio D: Emergency non-F determination an (15) NAME	enerated from of nich is non-hazarı r listed hazardou ched. (Check the n nazradous, non-o id a desciption of	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous illfeild waste that has f the waste must ac the waste must ac	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR	operations and are im standards for w i, subpart D, as am the Department o) DATE TER Driver's Name	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Acception and the stablished in documentation demonstration below)	rts certifications on a per RCRA regulations, 40 CFI titing the waste as non- n-hazardous waste
	Di field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio D: Emergency non-H determination an	enerated from of nich is non-hazard r listed hazardou ched. (Check the n	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilfeild waste that hat f the waste must ac	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR	operations and are im standards for w i, subpart D, as am the Department o) hate TER Driver's Name Print Name	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Acception aracteristics established in documentation demonstration below) der, documentation of nor SIGNATURE	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Di field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-h determination an MSDAME	enerated from of nich is non-hazarı r listed hazardou ched. (Check the n nazradous, non-o id a desciption of	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR	operations and are un standards for w t, subpart D, as am the Department o) MATE TER Driver's Name Print Name Phone No.	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or	exempt waste (R360 Acception and a constraint of the constraint of	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Di field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio D: Emergency non-H determination an determination an	enerated from oi nich is non-hazarı r listed hazardou ched. (Check the n	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilffeild waste that hat f the waste must act TR TR	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR	operations and are im standards for w i, subpart D, as am the Department o) wate TER Driver's Name Print Name Phone No. Truck No. d dolivered without	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or-	exempt waste (R360 Acception aracteristics established in documentation demonstration below) der, documentation of nor SIGNATURE	RCRA regulations, 40 CFI
	Ioad basis only) Oil field waste with 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an Comparison of the second s	enerated from of nich is non-hazarr r listed hazardou ched. (Check the n	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous illfeild waste that has f the waste must ac TR TR	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR	the Department o mate TER Driver's Name Print Name Phone No. Truck No. d delivered withou	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or	exempt waste (R360 Acception and the stablished in documentation demonstration demonstration Below) der, documentation of nor SIGNATURE Desal facility listed below.	RCRA regulations, 40 CFI atting the waste as non-
	load basis only) Oil field waste wh 261.21-261.24, o hazardous is atta MSDS Informatio D: Emergency non-h determination an determination an med material(s) was,	enerated from oi	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that hat f the waste must ac TR at the Generator's s	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR site listed above an	operations and are im standards for w i, subpart D, as am the Department o) wate TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or- f Public Saf	exempt waste (R360 Acception aracteristics established in documentation demonstration below) der, documentation of nor SIGNATURE	rts certifications on a per RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste with 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an MSDAME MISNAME MISNAME MISNAME	enerated from oi	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilfeild waste that ha f the waste must ac TR at the Generator's state DISP	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR site listed above an POSAL FA	operations and are um standards for w t, subpart D, as am the Department o) DATE TER Driver's Name Print Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or description of the disponent at incident to the disponent RY DATE	exempt waste (R360 Acception of the stablished in documentation demonstration below) der, documentation of nor SIGNATURE Disal facility listed below. DRIVER'S SIGNATURE RECEIVING ARI	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste with 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an ATS NAME AT A A A A A A A A A A A A A A A A A A	enerated from of nich is non-hazarı r listed hazardou ched. (Check the n	il and gas exploration dous that does not swaste as defined appropriate items RCRA Hazardous ilfeild waste that hat f the waste must ac TR at the Generator's	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR	operations and are im standards for w i, subpart D, as am the Department o) bate TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLTY	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or f number of the dispo server of th	exempt waste (R360 Acception of the stablished in documentation demonstration of the stablished in documentation demonstration of nortice stress and facility listed below.	RCRA regulations, 40 CFI RCRA regulations, 40 CFI htting the waste as non-
	In the second se	enerated from oi	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that hat if the waste must act TR at the Generator's state DISP	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by ccompany this form RANSPOR site listed above an POSAL FAM	operations and are im standards for w i, subpart D, as am the Department o the Department o mate TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE Phone No.	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or- f Public Saf	exempt waste (R360 Acception of the stablished in documentation demonstration below) der, documentation of nor SIGNATURE SIGNA	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste wit 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an MSDAME ME M	enerated from oi	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR at the Generator's state DISP	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR site listed above an POSAL FA	operations and are um standards for w t, subpart D, as am the Department o) DATE TER Driver's Name Print Name Print Name Phone No. CILLITY Phone No.	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or f number of the disponent the incident to the disponent RY DATE Name/ 575-393-1079	exempt waste (R360 Acception of the stablished in documentation demonstration below) der, documentation of nor SIGNATURE Disal facility listed below. DRIVER'S SIGNATURE RECEIVING ARI NO.	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste wit 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-field termination an Answee Answ	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of Marker 66 Carlsbac YES	il and gas exploration dous that does not s waste as defined appropriate items RCRA Hazardous ilfeild waste that hat f the waste must ac TR at the Generator's te DISP d, NM 88220 NO	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR site listed above an POSAL FAC	operations and are um standards for w t, subpart D, as am the Department o the Department o TER Driver's Name Print Name Print Name Print Name Phone No. CILLITY Phone No. If YES, was readin	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or f number of the dispo st incident to th	exempt waste (R360 Acception aracteristics established in documentation demonstra ription Below) der, documentation of nor SIGNATURE SIGNATURE DRIVER'S SIG RECEIVING ARI No.	ACRA regulations, 40 CFI RCRA regulations, 40 CFI thing the waste as non- n-hazardous waste
	International and the second s	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of d a desciption of d a desciption of d a desciption of DRIVER'S SIGNATUR DRIVER'S SIGNATUR arker 66 Carlsbac YES	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that has f the waste must ac TR at the Generator's state DISP d, NM 88220 NO YES	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR	operations and are im standards for w i, subpart D, as am the Department o) ATE TER Driver's Name Print Name Phone No. Truck No. id delivered withou DELIVE CILITY Phone No. If YES, was readir NO	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or- f public Saf	exempt waste (R360 Acception aracteristics established in documentation demonstration ription Below) der, documentation of nor SIGNATURE SIGNATURE SIGNATURE Desal facility listed below. DRIVER'S SIGNATURE RECEIVING ARI No.	RCRA regulations, 40 CFF tring the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste wit 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an determination an med material(s) was, IME STAMP OUT: // NM1-006 // US 62/180 Mile Mil TAKEN? (Circle One) RTEST? (Circle One)	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of d a desciption of Muser picked up DRIVER'S SIGNATUR arker 66 Carlsbac YES	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR at the Generator's state DISP d, NM 88220 NO YES TA	on and production of exceed the minimu by 40 CFR, part 263 as provided) is Waste Analysis as been ordered by company this form is form in the form is the listed above an intervention of the second part o	operations and are um standards for w t, subpart D, as am the Department o mate TER Driver's Name Print Name Print Name Print Name Print Name CILLITY Phone No. If YES, was readir NO DMKS	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or description of the dispon at incident to the dispon RY DATE Name/ 575-393-1079 ng > 50 micro roentgel	exempt waste (R360 Acception of the stablished in documentation demonstration demonstration Below) der, documentation of nor SIGNATURE Disal facility listed below. DRIVER'S SIGNATURE DRIVER'S SIGNATURE	RCRA regulations, 40 CFF atting the waste as non- n-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an determination an med material(s) was, IME STAMP OUT: // NM1-006 // US 62/180 Mile Mi TAKEN? (Circle One) Feet Feet	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of Marker of a desciption of Marker of a desciption of Marker of a desciption of DRIVER'S SIGNATUR arker of a Carlsbace YES	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that hat f the waste must ac if the waste must ac if the Generator's at the Generator's te DISP d, NM 88220 NO YES TAI nches	on and production of exceed the minimu by 40 CFR, part 261 as provided) is Waste Analysis as been ordered by company this form is form in the second part of the seco	operations and are in standards for w i, subpart D, as am the Department o) wate TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY Phone No. If YES, was readir NO DISS	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or it incident to the dispo server the server server server Name/ 575-393-1079	exempt waste (R360 Acception aracteristics established in documentation demonstra ription Below) der, documentation of nor SIGNATURE DRIVER'S SIG RECEIVING ARI No. YES	ACRA regulations on a per RCRA regulations, 40 CFI htting the waste as non- n-hazardous waste
	In the set of the set	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of da desciption of Muere picked up DRIVER'S SIGNATUR arker 66 Carlsbac YES	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that hat f the waste must ac TR at the Generator's state DISP d, NM 88220 NO YES TA nches	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR Site listed above an POSAL FAG	operations and are in standards for w i, subpart D, as am the Department o) ATE TER Driver's Name Print Name Phone No. Truck No. id delivered withou DELIVE Phone No. If YES, was readir NO DMS	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or f non-equilation of the following fright incident to the dispo served of the following served of the following free Name/ S75-393-1079	exempt waste (R360 Acception and the acception of the acc	Acceptifications on a per RCRA regulations, 40 CFF titing the waste as non- h-hazardous waste CACCENT SINATURE EACCENT SINATURE (%)
	Ioad basis only) Oil field waste wit 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-fi determination an ATS NAME ATTACH AND	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR at the Generator's state DISP d, NM 88220 NO YES TAI nches	on and production exceed the minimu by 40 CFR, part 261 as provided) s Waste Analysis as been ordered by company this form RANSPOR site listed above an POSAL FA	operations and are um standards for w t, subpart D, as am the Department o) DATE TER Driver's Name Print Name Print Name Print Name Print Name Print Name CILITY Phone No. If YES, was readir NO DIMIS	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or httincident to the dispo strincident to	exempt waste (R360 Acception and the stablished in documentation demonstration demonstration Below) der, documentation of nor SIGNATURE Disal facility listed below. DRIVER'S SIGNATURE DRIVER'S SIGNATUR	Its certifications on a per RCRA regulations, 40 CFI atting the waste as non- n-hazardous waste CACCENTRE EACCENTRE (%)
	Ioad basis only) Oil field waste wit 261.21-261.24, o hazardous is atta MSDS Informatio Emergency non-field termination an Comparison of the second s	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of Marker 66 Carlsbac YES In hazer 66 Carlsbac In hazer 66 Carlsbac	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR at the Generator's state DISP d, NM 88220 NO YES TAI nches	on and production of exceed the minimu by 40 CFR, part 263 as provided) is Waste Analysis as been ordered by company this form it is form it is form it is the listed above an it is is the listed above an it is is it is listed above an it is is is it is is it is is is is it is is is is it is is is is is it is is is it is	operations and are um standards for w t, subpart D, as am the Department o mate TER Driver's Name Print Name Print Name Print Name Print Name Print Name CILLITY Phone No. If YES, was readir NO DMS BS8	not mixed with non-e aste hazardous by cha ended. The following Other (Provide Desc f Public Safety (the or f Public Safety (the or f number of the dispo structure of the dispo struct	exempt waste (R360 Acception of the stablished in documentation demonstration of nor signature s	Its certifications on a per RCRA regulations, 40 CFI atting the waste as non- n-hazardous waste
	In the second se	enerated from of hich is non-hazarı r listed hazardou ched. (Check the n hazradous, non-o id a desciption of d a desciption of Murre picked up DRIVER'S SIGNATUR arker 66 Carlsbac YES	il and gas exploration dous that does not is waste as defined appropriate items RCRA Hazardous ilifeild waste that ha f the waste must ac TR at the Generator's s te DISP d, NM 88220 NO YES TAI nches	on and production of exceed the minimu by 40 CFR, part 261 as provided) is Waste Analysis as been ordered by company this form is form in the form is the listed above an intervention of the form is the listed above an intervention of the form is the listed above an intervention of the form is the listed above and it is the listed above above above and it is the listed above abov	operations and are im standards for w i, subpart D, as am the Department o) ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILITY Phone No. If YES, was readin NO DMS BS8 If denied, why?	not mixed with non-eraction of mixed with non-eraction of the second sec	exempt waste (R360 Acceptor practeristics established in documentation demonstra ription Below) der, documentation of nor signature psal facility listed below. DRIVER'S SIG RECEIVING ARI NO. DRIVER'S SIG BS&W	ACRA regulations, 40 CFI Atting the waste as non- h-hazardous waste ACRA regulations, 40 CFI h-hazardous wa

R362				FASE DRINT	STE MANIFEST	Company	, man contact mornatio
solunows			(F-L)	LASE PRINT)		Name Phone No	0-1-36
			GEN	NERATOR		NO. 2000	12
Jperator No.		2115		Permit/RRC	No	as the the cult	Jup
Operators Name	The second	the second	1 and more	Name & No.	fre		3
Address	A B BUAR	Reference 11	LICA	County	6-1-	1	
ity State Zin	MM NM	11.10		API No.		13- 52 117	
Phone No.	- 350 - 1	6		Rig Name &	No		
	FXFMPT F&P W	aste/Service Idea	tification and A	AFE/PO No.			
Dil Based Muds		NON-INJECTABLE	WATERS	unt (place volume next	to waste type in b	arrels or cubic yards)	
Vater Based Muds		Washout Water (Non-Injectable)		Washout Wat	er (Injectable)	
Vater Based Cuttings		Produced Water	(Non-Injectable)	(able)	Completion Fl Produced Wat	uid/Flow back (Injectable) ter (Iniectable)	
ank Bottoms		Gathering Line W	ater/Waste (Non-Injec	table)	Gathering Line	e Water/Waste (Injectable)	
&P Contaminated Soil	10	Truck Washout (e	xempt waste)		OTHER EXEMP	T WASTES (type and generation	process of the waste)
VASTE GENERATION PROC	ESS:	DRILLING		MPLETION			
		NO				N GATHE	ERING LINES
	All non-exempt E&P v	waste must be analy	sed and be below the	threshold limits for toxicity	Amount ((TCLP), Ignitability, (Corrosivity and Reactivity.	
on-Exempt Other				*please sele	ct from Non-Exempt	Waste List on back	
UANTITY	20		B - BARRELS	L - LIQUID		Y-YARDS	E FACU
nereby certify that according t	o the Resource Conser	rvation and Recover	v Act (RCRA) and the L	IS Environmental Protectic	n Agonovic July 1088	regulaten datami di di	E - EACH
RCRA NON-EXEMPT:	load basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information	nich is non-hazardou r listed hazardous w ched. (Check the apj n I	is that does not exceed aste as defined by 40 (propriate items as prov RCRA Hazardous Wast	d the minimum standards f CFR, part 261, subpart D, a: vided) e Analysis	or waste hazardous b s amended. The follow	y characteristics established i wing documentation demonst Description Below)	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non-
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and	nich is non-hazardou r listed hazardous w ched. (Check the app n I n I n azradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste RCRA Hazardous Waste du waste that has beer waste must accompa	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form)	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th	v characteristics established wing documentation demonst Description Below) ne order, documentation of n	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non-
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and	nich is non-hazardou r listed hazardous w ched. (Check the app n I n I n azradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Wast Ild waste that has beer e waste must accompa	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form) DATE	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th	ving documentation demonst Wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and	nich is non-hazardou r listed hazardous w ched. (Check the app n I nazradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form) DATE SPORTER	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (t)	y characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME	nich is non-hazardou r listed hazardous w ched. (Check the app n n n n n n n azradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer a waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form) DATE ISPORTER	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th s and the public Safety (th c for the public Safety (th	oy characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME	nich is non-hazardou r listed hazardous w ched. (Check the app n I n I nazradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 (propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form) DATE ISPORTER Driver's Name Print Name	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (t)	oy characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME	nich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Wast Id waste that has beer a waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form). DATE ISPORTER Driver's Name Print Name Phone No.	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th	y characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME	hich is non-hazardou r listed hazardous w ched. (Check the app n I hazradous, non-oilfei d a desciption of the	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme my this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No.	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th	py characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME amed material(s) was/	hich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer a waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme my this form). DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered wi	or waste hazardous b s amended. The follow Other (Provide ont of Public Safety (th s amended. The follow other (Provide other (Provide other (Provide other (Provide other (Provide other (Provide other	by characteristics established i wing documentation demonst Description Below) ne order, documentation of n SIGNATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME amed material(s) was/	hich is non-hazardou r listed hazardous w ched. (Check the ap n	is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departmeny my this form) DATE ISPORTER Priver's Name Print Name Phone No. Truck No. ed above and delivered wi	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th safety (th control of Public Safety (th))	Description Below) The order, documentation of not signature Signature disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and INTS NAME	hich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 (propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa TRAN he Generator's site list	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department iny this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D ALFACILITY	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (t) and the publi	disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and etermination and material(s) was/ TIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	Id waste that has beer waste must accompa TRAN	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departme iny this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered wi	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th ent of Public Safety (th) (th ent of Public Safety (th) (th) (th) (th) (th) (th) (th) (th)	disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and MTS NAME Amed material(s) was/ TIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 (propriate items as provide	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department my this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with AL FACILITY Phone No.	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th be been been been been been been been b	disposal facility listed below. RECEIVING AF ne/No.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and determination and INTS NAME	hich is non-hazardou r listed hazardous w ched. (Check the app n	Id waste that has beer waste must accompa Id waste that has beer D IS POS	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department iny this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with AL FACILITY Phone No.	thout incident to the ELIVERY DATE S75-393-1079	disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and determination and material(s) was/ FIME STAMP OUT: y / NM1-006 wy US 62/180 Mile Ma sTAKEN? (Circle One)	hich is non-hazardou r listed hazardous w ched. (Check the app n	Is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste ild waste that has beer e waste must accompa TRAN TRAN DISPOS	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Departmeny my this form). DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered wi D AL FACILITY Phone No.	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th build of Public Saf	Description Below) The order, documentation demonst SIGNATURE disposal facility listed below. DRIVER'S S RECEIVING AF ne/No.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and MSDS Information LD: Image and material(s) was/ TIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	Is that does not exceed aste as defined by 40 (propriate items as provide astering as provide astering as the series of the seri	d the minimum standards f ER, part 261, subpart D, as vided) e Analysis n ordered by the Department my this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D AL FACILITY Phone No. If YES, was re NO	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th compared by the safety (the	disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and determination and material(s) was/ FIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	Is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste Id waste that has beer e waste must accompa TRAN he Generator's site list DISPOS	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department iny this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D AL FACILITY Phone No. If YES, was re NO BOTTOMS	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th should be been been been been been been been	Description Below) The order, documentation demonst Description Below) The order, documentation of m SIGNATURE Disposal facility listed below. DRIVER'S S RECEIVING AF The/No.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and determination and material(s) was/ FIME STAMP OUT: y / NM1-006 wy US 62/180 Mile Ma s TAKEN? (Circle One) ER TEST? (Circle One) Feet	hich is non-hazardou r listed hazardous w ched. (Check the app n	Is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste Ild waste that has beer e waste must accompa TRAN be Generator's site list DISPOS M 88220 NO TANKI	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department my this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with Date AL FACILITY Phone No. If YES, was re NO BOTTOMS	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th be been been been been been been been b	Description Below) The order, documentation demonst Description Below) The order, documentation of n SIGNATURE DISTRATURE	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and MSDS Information LD: Image and the anterial (s) was/ TIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 C propriate items as proved that has been aster aster as that has been aster must accompare a waster must accompare a waster must accompare a waster must accompare a more asteria aster	d the minimum standards f CFR, part 261, subpart D, ac vided) e Analysis n ordered by the Department my this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D AL FACILITY Phone No. If YES, was re NO BOTTOMS	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th safety (th content of Public Safety (th)))	disposal facility listed below.	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and determination and material(s) was/ FIME STAMP OUT: y / NM1-006 wy US 62/180 Mile Ma TAKEN? (Circle One) Feet Feet	hich is non-hazardou r listed hazardous w ched. (Check the app n	Id waste that has beer waste must accompany Id waste that has beer waste must accompany TRAN be Generator's site list DISPOS	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department iny this form). DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D AL FACILITY Phone No. If YES, was re NO BOTTOMS	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (th ent of Public Safety (th)) ent of Public Safety (th ent of Public Safety (th)) ent of Public	d BS&V	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and MSDS Information LD: Immediate the field waste waste the field	hich is non-hazardou r listed hazardous w ched. (Check the app n	Is that does not exceed aste as defined by 40 C propriate items as prov RCRA Hazardous Waste Ild waste that has beer e waste must accompa TRAN be Generator's site list DISPOS M 88220 NO TANKI	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department my this form) DATE ISPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with Phone No. If YES, was re NO BOTTOMS	or waste hazardous b s amended. The follow Other (Provide ant of Public Safety (th build incident to the control incident to t	d BS&V	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste
	Ioad basis only) Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information LD: Emergency non-h determination and MSDS Information LD: Image and the emination and MSDS Information LD: Emergency non-h determination and TIME STAMP OUT:	hich is non-hazardou r listed hazardous w ched. (Check the app n	is that does not exceed aste as defined by 40 C propriate items as proverse astering and the series of the series	d the minimum standards f CFR, part 261, subpart D, as vided) e Analysis n ordered by the Department my this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. ed above and delivered with D AL FACILITY Phone No. If YES, was re NO BOTTOMS DENIED If denied, w	or waste hazardous b s amended. The follow Other (Provide ent of Public Safety (t) ent of Public	definition definitione	epts certifications on a per in RCRA regulations, 40 CFR trating the waste as non- on-hazardous waste

Daca		NEW MEXICO N	NON-HAZARDOUS O	ILFIELD WASTE	MANIFEST	Company Man C	ontact information
NVIRONMENTAL SOLUTIONS			(PLEASE PRIM	NT)	Ni	No. 505 350	1-1336
			GENERAT	OR	NO.	88022	all and the second s
Operator No.				Permit/RRC No.	760	1 hd he he he he	
Operators Name	Devon Energy	ł		Lease/Well Name & No.	Aprile 7:	Strd 3	
Address	CARD SARAP	hivers bighvam	-)	County	English		
	Á	1		API No.	30-015-	32719	
City, State, Zip	Arlesia, Marin	21		Rig Name & No.		NTA	
hone No.		70		AFE/PO No.		- <u>-</u>	
Oil Based Muds	EXEMPT E&P W	aste/Service Identificatio	ion and Amount (place	volume next to w	vaste type in barrels or cub	ic yards)	then an
Oil Based Cuttings		Washout Water (Non-Inje	iectable)		Washout Water (Injectable)		and Addition to a second
Water Based Muds Water Based Cutting	gs	Completion Fluid/Flow ba Produced Water (Non-Ini	ack (Non-Injectable) jectable)		Completion Fluid/Flow back Produced Water (Injectable)	(Injectable)	
Produced Formation	n Solids	Gathering Line Water/Wa	aste (Non-Injectable)		Gathering Line Water/Waste	e (Injectable)	
E&P Contaminated S	Soil 20	Truck Washout (exempt v	waste)		OTHER EXEMPT WASTES (typ	e and generation process o	f the waste)
Gas Plant Waste		DRILLING			1201	101	
WOLL OLIVERALI		DRILLING			PRODUCTION	GATHERING L	LINES
	All non-exempt E&P	NON-EXEN waste must be analysed and	APT E&P Waste/Service Ide d be below the threshold li	entification and Am mits for toxicity (TC	ount ILP), Ignitability, Corrosivity and	Reactivity.	estation activities
on-Exempt Other				*please select fr	om Non-Exempt Waste List o	n back	
UANTITY	20	B - RAR	RELS		V VADDE)	E - EACH
hereby certify that	according to the Pacourse Comme	evation and Paceters Act (0	CPA) and the UC F	annial Protection	T- TARDS		L - LACH
RCRA NON-E EMERGENCY N	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h	nich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA H mazradous, non-oilfeild wast	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b	num standards for w 51, subpart D, as am	vaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) mentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an	nich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA H n RCRA H nazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this form	y the Department on	vaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) mentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	nich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA H nazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this for TRANSPOR	tum standards for w 51, subpart D, as am y the Department o m 7/2019 DATE RTER	vaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating th elow) mentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
CRCRA NON-E CREAGENCY N (PRINT) AL CREAGENCY S CREAGE	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Ha hazradous, non-oilfeild wast id a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR	y the Department on my the Department on my DATE Driver's Name	vaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this for TRANSPOR	the pepartment of market of the pepartment of the period o	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating the elow) Imentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR	y the Department on y the Department on DATE CTER Driver's Name Print Name Phone No.	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat in RCRA Hi hazradous, non-oilfeild waste d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this for TRANSPOR	y the Department on y the Department on y the Department on y the Department on Date ETER Driver's Name Print Name Phone No. Truck No.	Aste hazardous by characterist ended. The following documen Other (Provide Description Be f Public Safety (the order, docu	ics established in RCRA tation demonstrating the elow) umentation of non-haza	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR	y the Department on y the Department on DATE CTER Driver's Name Print Name Phone No. Truck No. nd delivered withou	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILLD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Ha hazradous, non-oilfeild wast d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR	y the Department of my the Department of my department of	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild waste d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this forr TRANSPOR ETRANSPOR	y the Department on y the Department on ny y the Department	Aste hazardous by characterist ended. The following documen Other (Provide Description Be f Public Safety (the order, docu	ics established in RCRA itation demonstrating the elow) Imentation of non-haza SIGNATURE Itation demonstrating the signature Itation of non-haza Itation demonstrating the signature Itation demonstrating the Itation demonstrating the Itation demonstrating the signature Itation demonstration demonstrating the Itation demonstrating the signature Itation demo	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR TRANSPOR	y the Department on y the Department on y the Department on DATE CTER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DELIVER CILITY	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu and	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat m RCRA Hi hazradous, non-oilfeild waste d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this forr TRANSPOR TRANSPOR	y the Department on my grant and and a same of the department of my grant and a same of the department of my grant and a same of the department of the depar	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu and	ics established in RCRA tation demonstrating the elow) imentation of non-haza siGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat m RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR TRANSPOR	y the Department of y the Department of m DATE TER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DELIVER CILITY Phone No.	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu and	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Ha hazradous, non-oilfeild wast d a desciption of the waste d a desciption of the waste d a desciption of the waste d a desciption of the waste	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR TRANSPOR	Aum standards for w si, subpart D, as am y the Department o m) DATE CTER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DEUVER CILITY Phone No.	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and a state of the order, docu a	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS NAME THE RUCK TIME STAMP OUT: fway Facility / NM1-006 D1 Hobbs Hwy US 62/180 Mile Ma I READINGS TAKEN? (Circle One) PAINT FILTER TEST? (Circle One)	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR erator's site listed above an DISPOSAL FA	Aum standards for w si, subpart D, as am y the Department o m) DATE CTER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DEUVER CILITY Phone No. If YES, was readin NO	raste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu data and the order, do	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS AGENTS UTHORIZED AGENTS UTHORIZED AGENT	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this forr TRANSPOR DISPOSAL FA	y the Department on y the Department on DATE TTER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DELIVEF CILLITY Phone No. If YES, was readin NO DMS	raste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu data data data f rubic Safety (the order, docu data data f rubic Safety (the order, docu data f rubic Safe	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS NAME THE RUCK TIME STAMP OUT:	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR erator's site listed above an DISPOSAL FA 0 10 TANIK BOTTO	Aum standards for with the Department of the Dep	Aste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu and	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature v listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS NAME He above named material(s) was/ ATE RUCK TIME STAMP OUT:	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat m RCRA Ha hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this forr TRANSPOR DISPOSAL FA	y the Department on y the Department on y the Department on DATE CTER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DELIVER CILLITY Phone No. If YES, was readin NO DMS BS&	Aaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and a state of the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE IVING AREA one) YES	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS NAME THORIZED AGENTS THORIZED AG	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat m RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE 	does not exceed the minim defined by 40 CFR, part 26 te items as provided) azardous Waste Analysis te that has been ordered b must accompany this forr TRANSPOR DISPOSAL FA	y the Department of y the Department of y the Department of DATE TER Driver's Name Print Name Phone No. Truck No. Ind delivered withou DELIVER Phone No. If YES, was readin NO DMS BS&	Aaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu an	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UTHORIZED AGENTS NAME THE RUCK TIME STAMP OUT: fvay Facility / NM1-006 D1 Hobbs Hwy US 62/180 Mile Ma I READINGS TAKEN? (Circle One) PAINT FILTER TEST? (Circle One) Feet t the above load material has beet	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat n RCRA Hi hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR UNIC CONTRACTOR DISPOSAL FA DISPOSAL FA DISPOSAL FA DISPOSAL FA	Aum standards for with the Department of the Dep	vaste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and the order, docu an	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE	regulations, 40 CFR he waste as non- rdous waste
	Ioad basis only) EXEMPT: Oil field waste wi 261.21-261.24, o hazardous is atta MSDS Informatio NON-OILFEILD: Emergency non-h determination an UTHORIZED AGENTS NAME UNDADILFEILD: Emergency non-h determination an U	hich is non-hazardous that d r listed hazardous waste as ched. (Check the appropriat m RCRA Ha hazradous, non-oilfeild wast d a desciption of the waste were picked up at the Gene DRIVER'S SIGNATURE 	does not exceed the minim defined by 40 CFR, part 26 te items as provided) lazardous Waste Analysis te that has been ordered b must accompany this form TRANSPOR DISPOSAL FA DISPOSAL FA	y the Department on my print Name Phone No. Truck No. Tr	raste hazardous by characterist ended. The following documen Other (Provide Description Bo f Public Safety (the order, docu and a state of the order, docu	ics established in RCRA itation demonstrating ti elow) imentation of non-haza signature y listed below. DRIVER'S SIGNATURE IVING AREA one) YES BS&W (%)	regulations, 40 CFR he waste as non- rdous waste

ENVIRONMENTAL SOLUTIONS			(PLE	ASE PRINT)	N	lame	
		n oo taa dhea	GEN	ERATOR	Phone	e No. <u>205 - 350 - 153</u>	iles.
Operator No.				Permit/RRC No.	NO	888937	
Operators Name	on Energy			Lease/Well	Agehr 7	S Feel 3	
Address <u>645</u>	3 Several	K. Jas High	(LIME)	County	Fildy	U reci-	
	A 11	10	0	API No.	30-015-3	52719	
Phone No	-350-12	10 <u>102.ca.163</u> /0	1210	Rig Name & No.	• • • •	NA	
	EXEMPT E&P Wa	ste/Service Identifi	ication and Amou	nt (place volume next to)	waste type in barrols or gub	vio uende)	
Oil Based Muds Oil Based Cuttings		NON-INJECTABLE W	ATERS		INJECTABLE WATERS	iic yards)	
Water Based Muds		Completion Fluid/Flo	on-injectable) ow back (Non-Injecta	ble)	Washout Water (Injectable) Completion Fluid/Flow back	(Injectable)	
Produced Formation Solids		Produced Water (No Gathering Line Wate	on-Injectable) er/Waste (Non-Inject	able)	Produced Water (Injectable))	
Tank Bottoms E&P Contaminated Soil	- 202	INTERNAL USE ONLY	/	able	OTHER EXEMPT WASTES (typ	e (Injectable) e and generation process of the waste)	
Gas Plant Waste		Truck washout (exer	mpt waste)		Fill Fil	seller	
WASTE GENERATION PROCE	SS:	DRILLING	CON	IPLETION	PRODUCTION	GATHERING LINES	
F	II non-exempt E&P wa	NON-E aste must be analysed	EXEMPT E&P Waste/ d and be below the t	Service Identification and Am hreshold limits for toxicity (To	nount CLP), Ignitability, Corrosivity and	l Reactivity.	
Non-Exempt Other				*please select f	from Non-Exempt Waste List of	n back	
QUANTITY	20	В -	BARRELS	L - LIQUID	Y - YARDS) F - FACH	
I hereby certify that according to	the Resource Conserva	ation and Recovery A	act (RCRA) and the US	S Environmental Protection A	gency's July 1988 regulatory det	termination, the above described v	Naste
Cad is (Check the appropriate cla	Oil field wastos gor	porated from all and					
RCRA NON-EXEMPT:	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz	ch is non-hazardous ti isted hazardous wast ied. (Check the appro RCF zradous, non-oilfeild v	hat does not exceed te as defined by 40 CF priate items as provi RA Hazardous Waste waste that has been	the minimum standards for w FR, part 261, subpart D, as an ded) Analysis ordered by the Department of	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations tation demonstrating the waste as elow)	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and	ch is non-hazardous ti isted hazardous wast ied. (Check the appro RCF RCF zradous, non-oilfeild v a desciption of the wa	hat does not exceed te as defined by 40 CF opriate items as provi RA Hazardous Waste waste that has been raste must accompan	the minimum standards for v FR, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form)	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) 	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and	ch is non-hazardous ti isted hazardous wast ned. (Check the appro RCF zradous, non-oilfeild v a desciption of the wa	hat does not exceed te as defined by 40 CF priate items as provi RA Hazardous Waste waste that has been taste must accompan	the minimum standards for v FR, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) imentation of non-hazardous waste	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and \$NAME	ch is non-hazardous ti isted hazardous wast ied. (Check the appro RCF zradous, non-oilfeild v a desciption of the wast control	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been vaste must accompan	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) imentation of non-hazardous waste signature	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME	ch is non-hazardous ti isted hazardous wast hed. (Check the appro RCF zradous, non-oilfeild v a desciption of the was g	hat does not exceed te as defined by 40 CF opriate items as provi RA Hazardous Waste waste that has been raste must accompan	the minimum standards for v FR, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME	ch is non-hazardous ti isted hazardous wast ied. (Check the appro RCF zradous, non-oilfeild v a desciption of the wast g	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been vaste must accompan	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No,	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE COMPACIANC	e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and ANAME	ch is non-hazardous ti isted hazardous wastned. (Check the appro RCF zradous, non-oilfeild v a desciption of the wast g	hat does not exceed te as defined by 40 Cr opriate items as provi RA Hazardous Waste waste that has been aste must accompan	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No,	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE CONTRACTOR	e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C C M and and and and and and and and	ch is non-hazardous ti isted hazardous wast ied. (Check the appro RCF zradous, non-oilfeild v a desciption of the w.	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been caste must accompan TRANS	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE COMPLEMENTE Ty listed below.	e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A	ch is non-hazardous ti isted hazardous wast hed. (Check the appro Cradous, non-oilfeild v a desciption of the was desciption of the wast gene picked up at the G DRIVER'S SIGNATURE	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been waste must accompan TRANS Generator's site lister	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations tation demonstrating the waste as elow) imentation of non-hazardous waste signature	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C C M ned material(s) was/w ME STAMP	ch is non-hazardous ti isted hazardous wast ied. (Check the appro check the appro RCF zradous, non-oilfeild v a desciption of the w. g g g checked up at the C DRIVER'S SIGNATURE	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been raste must accompan TRANS Generator's site lister DISPOSA	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu 	ics established in RCRA regulations itation demonstrating the waste as elow) imentation of non-hazardous waste signature Gantation briver's signature EIVING ARFA	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and ANAME ANAME ANAME MESTAMP OUT:	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been taste must accompan TRANS Generator's site lister DISPOSA	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of the form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE NL FACILITY	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Immentation of non-hazardous waste SIGNATURE SIGNATURE UNIVER'S SIGNATURE EIVING AREA	s, 40 CF
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C A ME STAMP OUT: (NMA 005	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been waste that has been stee must accompan methods of the second TRANS Generator's site lister DISPOSA	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu 	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE Ty listed below. DRIVER'S SIGNATURE EIVING AREA	s, 40 CF s non- e
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C C C ME STAMP OUT: / NM1-006 (US 62/180 Mile Martine	ch is non-hazardous ti isted hazardous wast- isted hazardous wast- isted hazardous wast- med. (Check the appro RCF zradous, non-oilfeild v a desciption of the wast desciption of the wast generative successful and the con- priver's signature	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been vaste must accompan methods and the second methods as the second method	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No, d above and delivered withou DEUVE	waste hazardous by characterist nended. The following documen] Other (Provide Description Be of Public Safety (the order, docu 	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE ElVING AREA	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME AMME ME STAMP OUT: / NM1-006 US 62/180 Mile Mark AKEN? (Circle One)	cer 66 Carlsbad, NM 8	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been caste must accompan methods TRANS TRANS Generator's site lister DISPOSA	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE None No.	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE DRIVER'S SIGNATURE EIVING AREA	s, 40 CF
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C C M ME STAMP OUT: / NM1-006 / US 62/180 Mile Mark AKEN? (Circle One) TEST? (Circle One)	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been raste must accompan TRANS Generator's site lister DISPOSA	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DEUVE AL FACILITY Phone No. If YES, was readiu NO	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Immentation of non-hazardous waste SIGNATURE SIGNATURE EVING AREA EVING AREA	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME AMME AMME AMME ME STAMP OUT: / NM1-006 AKEN? (Circle One) TEST? (Circle One)	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been caste must accompan TRANS Generator's site lister DISPOSA 38220 NO TANK B	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DELIVE NO. COLLING COLLING COLLING COLLING	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE Ty listed below. DRIVER'S SIGNATURE EIVING AREA	s, 40 CF s non- e <u>G / C</u>
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME A V C C M ME STAMP OUT: / NM1-006 VUS 62/180 Mile Mark AKEN? (Circle One) TEST? (Circle One) TEST? (Circle One)	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been caste must accompan TRANS Generator's site lister DISPOSA 38220 NO TANK B	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withou DEUVE NC FACILITY Phone No. If YES, was readin NO SOTTOMS	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE ElVING AREA ElVING AREA	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and AMME	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been taste must accompan TRANS Generator's site lister DISPOSA 38220 NO	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without DELIVE NO Phone No. If YES, was readin NO SOTTOMS BS8	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE EIVING AREA BS&W (%) BS&W (%)	s, 40 CF
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME AUDIC MESTAMP OUT: /NM1-006 /US 62/180 Mile Mark AKEN? (Circle One) TEST? (Circle One) Seet	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf opriate items as provi RA Hazardous Waste waste that has been caste must accompan TRANS Generator's site lister DISPOSA 38220 NO TANK B	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered withor DEUVE AL FACILITY Phone No. If YES, was readin NO COTTOMS BS8	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE EVING AREA Poone) YES NC	s, 40 CF s non-
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and AMME	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf priate items as provi RA Hazardous Waste waste that has been taste must accompan TRANS Generator's site liste DISPOSA B8220 NO TANK B	the minimum standards for w R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without DELIVE NO COTTOMS BS8 ENIED If denied, why?	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE UNING AREA BS&W (%) BS&W (%)	s, 40 CF
	Oil field waste whic 261.21-261.24, or I hazardous is attach MSDS Information Emergency non-haz determination and SNAME ARE ARE ARE ME STAMP OUT: (NM1-006 (US 62/180 Mile Mark AKEN? (Circle One) TEST? (Circle One) TEST? (Circle One) Seet Dad material has been	ch is non-hazardous the isted hazardous wasthed. (Check the appro	hat does not exceed te as defined by 40 Cf priate items as provi RA Hazardous Waste waste that has been aste must accompan TRANS Generator's site lister DISPOSA B8220 NO TANK B	the minimum standards for v R, part 261, subpart D, as an ded) Analysis ordered by the Department of y this form) DATE SPORTER Driver's Name Print Name Phone No. Truck No. d above and delivered without DEUVENT AL FACILITY Phone No. If YES, was readin NO SOTTOMS BS8 ENIED If denied, why?	waste hazardous by characterist nended. The following documen Other (Provide Description Be of Public Safety (the order, docu	ics established in RCRA regulations itation demonstrating the waste as elow) Imentation of non-hazardous waste SIGNATURE SIGNATURE EVING AREA Provens SIGNATURE EVING AREA BS&W (%) BS&W (%) BS&W (%)	s, 40 CF

R360	NEW MEXI	CO NON-HAZARDOUS O	ILFIELD WASTE	MANIFEST	Company M	an Contact Informa
VIRDUMENTAL SOLUTIONS		(PLEASE PRI	NT)		Name	
	No.	GENERAT	OR		Phone No.	1000
Operator No.	L	GENERAL	Dormit/DDC N-		10. 388833	2
Operators Name	V.		Lease/Well	A	5.1.15	
Address	K May Ma	1.1.1	Name & No.	1- (101002	
			County		- 51 /10	
City, State, Zip	MICKED, SSI	10	API No. Rig Name & No.		10/11	
hone No.	16		AFE/PO No.			
EXEMPT E&P	Waste/Service Identifi	ication and Amount (place)	volume next to v	vaste type in barrols	or cubic yards)	
Jil Based Muds	NON-INJECTABLE W	ATERS		INJECTABLE WATERS	or cubic yards)	
Nater Based Muds	Completion Fluid/Flc	n-Injectable) ow back (Non-Injectable)		Washout Water (Inje	ectable)	
Nater Based Cuttings Produced Formation Solids	Produced Water (No	n-Injectable)		Produced Water (Inj	ectable)	
Fank Bottoms	INTERNAL USE ONLY	r/Waste (Non-Injectable)		Gathering Line Wate	r/Waste (Injectable)	
&P Contaminated Soil	Truck Washout (exer	npt waste)		IOTTIER EXEMPT WAS	TES (type and generation proc	ess of the waste)
ASTE GENERATION PROCESS:	DRILLING			PRODUCTION	CATUER	
	NONE	XEMPT F&P Wasto /Somes ide		TRODUCTION	GATHERI	NG LINES
All non-exempt E&	P waste must be analysed	and be below the threshold lin	mits for toxicity (TC	ount LP), Ignitability, Corrosi	vity and Reactivity	
on-Exempt Other			*please select fr	om Non-Exempt Waste	e List on back	
	B -	BARREIS		<u> </u>		
ereby certify that according to the Recourse Con-	convotion and Deserve A		E Eligory	-Y	TARDS	E - EACH
261.21-261.24, hazardous is at MSDS Informat	or listed hazardous wast tached. (Check the appro tion RCR hazradous, non-oilfeild v	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by	um standards for w 1, subpart D, as am	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l	CRA regulations, 40 CFing the waste as non-
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination	or listed hazardous waste tached. (Check the appro tion CRCF n-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26 priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form	um standards for w 1, subpart D, as am v the Department o 1) DATE	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME	or listed hazardous wast tached. (Check the appro- tion RCR h-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form	um standards for w 1, subpart D, as am v the Department o v) DATE TER	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME	or listed hazardous wast tached. (Check the appro- tion RCR h-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am () () the Department o () DATE TER	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l signature	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME	or listed hazardous wast tached. (Check the appro tion RCR h-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am v the Department o 1) DATE TER Driver's Name	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l signature	CRA regulations, 40 CF. ng the waste as non-
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency non determination (PRINT) AUTHORIZED AGENTS NAME	or listed hazardous wasted tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am (the Department o) / th	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstrati otion Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME Ansporter's ame idress	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R coumentation demonstration otion Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME	or listed hazardous wast tached. (Check the appro- tion RCR h-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am (the Department o 1) DATE TER Driver's Name Print Name Phone No. Truck No. d delivered without	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R ocumentation demonstration otion Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency non determination (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME Authorized AGENTS NAME ansporter's ime idress one No. ereby certify that the above named material(s) wa	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am v the Department o v v v the Department o v v the Department o v the Department o	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics established in R coumentation demonstration option Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CFI
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME Ansporter's me dress one No. ereby certify that the above named material(s) was SHIPMENT DATE	or listed hazardous wast tached. (Check the appro- tion RCF h-hazradous, non-oilfeild v and a desciption of the wa and a desciption of the wast as/were picked up at the G	A defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR	um standards for w 1, subpart D, as am v the Department o v the Department o Dare TER Driver's Name Print Name Phone No. Truck No. Truck No. ad delivered withou DELIVER	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) (AM)) (AM) at incident to the dispos	acteristics established in R boumentation demonstrati potion Below) er, documentation of non-l signature	CRA regulations, 40 CFI
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME Ansporter's me dress one No. ereby certify that the above named material(s) was shipment DATE TRUCK TIME STAM	or listed hazardous wast tached. (Check the appro- tion RCR h-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the or DRIVER'S SIGNATURE	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am () () () () () () () () () ()	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) () () () () () () () () () () () () (acteristics established in R pocumentation demonstration pation Below) er, documentation of non-l SIGNATURE SIGNATURE A A A A A A A A A A A A A A A A A A A	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME ansporter's mme ddress one No. ereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAMI	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the o DRIVER'S SIGNATURE	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde)) () () () () () () () () () () () ()	acteristics established in R coumentation demonstration option Below) er, documentation of non-l SIGNATURE SIGNATURE al facility listed below. DRIVER'S SIGN. RECEIVING ARE, IO.	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME ansporter's ime dress one No. ereby certify that the above named material(s) was shiPMENT DATE TRUCK TIME STAMI I:OUT: e Name/ conie No. Halfway Eacility / NM1-006	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE	A decision of concern the minimum e as defined by 40 CFR, part 26: priate items as provided) A Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) OAW t incident to the dispos	acteristics established in R boumentation demonstration otion Below) er, documentation of non-l signature difference al facility listed below. DRIVER'S SIGN. RECEIVING ARE, IO.	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME ansporter's me dress one No. ereby certify that the above named material(s) was shipment DATE TRUCK TIME STAM I:OUT: Name/ mit No. Halfway Facility / NM1-006 fress 6601 Hobbs Hwy UIS 62/180 Mile J	or listed hazardous wast tached. (Check the appro- tion RCF n-hazradous, non-oilfeild v and a desciption of the wa and a desciption of the wast as/were picked up at the of DRIVER'S SIGNATURE	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am () () () () () () () () () ()	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) f Public Safety (the orde) f Public Safety (the orde)	acteristics established in R pocumentation demonstration pation Below) er, documentation of non-l SIGNATURE SIGNATURE A A A A A A A A A A A A A A A A A A A	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME Comsporter's me dress one No. ereby certify that the above named material(s) was SHIPMENT DATE TRUCK TIME STAMI COUT:	or listed hazardous wast tached. (Check the appro- tion RCR -hazradous, non-oilfeild v and a desciption of the wa 	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde)) () () () () () () () () () () () ()	acteristics established in R coumentation demonstration option Below) er, documentation of non- SIGNATURE SIGNATURE al facility listed below. DRIVER'S SIGN. RECEIVING ARE, IO.	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat MSDS Informat Emergency non- determination (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS (CICICLE ORICE (PRINT) AUTHORIZED AGENTS AGENTS (CICIC	or listed hazardous wast tached. (Check the appro- tion RCF and a desciption of the wa and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE P Marker 66 Carlsbad, NM 8 e) YES e) YES	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) OAW the incident to the dispos at incident to the dispos Name/N 575-393-1079	acteristics established in R boumentation demonstrati pation Below) er, documentation of non-l signature difference al facility listed below. DRIVER'S SIGM. RECEIVING ARE, IO. ? (circle one) YES	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME dress one No. ereby certify that the above named material(s) was shipment date TRUCK TIME STAMI :OUT: PASS THE PAINT FILTER TEST? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond	or listed hazardous wast tached. (Check the appro- tion RCF n-hazradous, non-oilfeild v and a desciption of the wa and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE P Marker 66 Carlsbad, NM 8 e) YES e) YES	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am () () () () () () () () () ()	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) (AM) at incident to the dispos at incident to the dispos NATE 575-393-1079 ag > 50 micro roentgens	acteristics established in R bournentation demonstrati potion Below) er, documentation of non-l signature discontration al facility-listed below. DRIVER'S SIGN. RECEIVING ARE, IO. ? (circle one) YES	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME Ansporter's me dress one No. ereby certify that the above named material(s) wa sHIPMENT DATE TRUCK TIME STAM SHIPMENT DATE TRUCK TIME STAM COUT:	or listed hazardous wast tached. (Check the appro- tion RCR -hazradous, non-oilfeild v and a desciption of the wi and a desciptio	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde)) () () () () () () () () () () () ()	acteristics established in R pocumentation demonstration pation Below) er, documentation of non- SIGNATURE SIGNATURE All facility-listed below. DRIVER'S SIGN. RECEIVING ARE, IO. ? (circle one) YES	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME Ansporter's ame iddress cone No. ereby certify that the above named material(s) wa SHIPMENT DATE TRUCK TIME STAMI J:OUT: e Name/ rmit No. dress <u>6601 Hobbs Hwy US 62/180 Mile I</u> NORM READINGS TAKEN? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond Feet	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE P Marker 66 Carlsbad, NM 8 e) YES e) YES e) YES	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v) v the Department o v) TTER TTER TTER Truck No. Truck No. Truck No. DELIVEI CILITY Phone No. If YES, was readin NO DMS BS&	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) (AW) (AW) (AW) (AW) (AW) (AW) (AW) (AW)	acteristics established in R bournentation demonstration botion Below) er, documentation of non-l SIGNATURE al facility listed below. DRIVER'S SIGN. RECEIVING ARE. Jo. ? (circle one) YES	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME ansporter's ame Idress None No. ereby certify that the above named material(s) was shiPMENT DATE TRUCK TIME STAMI J:OUT: e Name/ rmit No. Halfway Facility / NM1-006 dress 6601 Hobbs Hwy US 62/180 Mile f NORM READINGS TAKEN? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond Feet Gauge 1 Gauge :eived	or listed hazardous wast tached. (Check the appro- tion RCF n-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE P Marker 66 Carlsbad, NIM E e) YES e) YES e) YES	de doct not exceed the minimum e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) () () () () () () () () () () () () ()	acteristics established in R coumentation demonstration option Below) er, documentation of non-l signature difference al facility listed below. DRIVER'S SIGM. RECEIVING ARE, IO. ? (circle one) YES BS&W (9)	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME ansporter's imme Idress one No. ereby certify that the above named material(s) wa shiPMENT DATE TRUCK TIME STAMI J:OUT: e Name/ rmit NoHalfway Facility / NM1-006 dressG601 Hobbs Hwy US 62/180 Mile I NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One PASS THE PAINT FILTER TEST? (Circle One Feet Gauge d Gauge ceived	or listed hazardous wast tached. (Check the appro- tion RCF n-hazradous, non-oilfeild v and a desciption of the wi and a desciption of the with a desciption of the with a desciption o	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am (the Department o) / the Department o) TER Driver's Name Print Name Phone No. Truck No. If VES, was readir NO DIMS BS&	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde)) () () () () () () () () () () () ()	acteristics established in R pocumentation demonstration pation Below) er, documentation of non- SIGNATURE SIGNATURE All facility-listed below. DRIVER'S SIGN. RECEIVING ARE, IO. ? (circle one) YES BS&W (9)	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat MSDS Informat (PRINT) AUTHORIZED AGENTS NAME Ansporter's me dress one No. ereby certify that the above named material(s) wa SHIPMENT DATE TRUCK TIME STAMI I:OUT: e Name/ mit No. Halfway Facility / NM1-006 dress 6601 Hobbs Hwy US 62/180 Mile f NORM READINGS TAKEN? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond Feet Gauge d Gauge tereved	or listed hazardous wast tached. (Check the appro- tion RCR n-hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE D Marker 66 Carlsbad, NM 8 e) YES e) YES e) YES e) YES e) YES	e as defined by 40 CFR, part 26: priate items as provided) RA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR Generator's site listed above ar DISPOSAL FAC	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) (AW) (AW) (AW) (AW) (AW) (AW) (AW) (AW)	acteristics established in R pocumentation demonstration potion Below) er, documentation of non-l signature al facility listed below. DRIVER'S SIGN. RECEIVING ARE. Jo. PRES	CRA regulations, 40 CF ng the waste as non- nazardous waste
261.21-261.24, hazardous is at MSDS Informat EMERGENCY NON-OILFEILD: Emergency nor determination (PRINT) AUTHORIZED AGENTS NAME ansporter's ime Idress one No. ereby certify that the above named material(s) was shiPMENT DATE TRUCK TIME STAMI J:OUT: e Name/ rmit NoHalfway Facility / NM1-006 dressG601 Hobbs Hwy US 62/180 Mile F NORM READINGS TAKEN? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond PASS THE PAINT FILTER TEST? (Circle Ond Feet Gauge i Gauge i Gauge	or listed hazardous wast tached. (Check the appro- tion RCF -hazradous, non-oilfeild v and a desciption of the wa as/were picked up at the of DRIVER'S SIGNATURE P Marker 66 Carlsbad, NIM 8 e) YES e) YES e) YES e) YES e) YES	Accepted Termining as provided as defined by 40 CFR, part 26: priate items as provided) AA Hazardous Waste Analysis waste that has been ordered by aste must accompany this form TRANSPOR BENERRY AND TRANKBOTTO	um standards for w 1, subpart D, as am v the Department o v the	aste hazardous by char ended. The following do Other (Provide Descrip f Public Safety (the orde) () () () () () () () () () () () () ()	acteristics established in R coumentation demonstration option Below) er, documentation of non-l SIGNATURE	CRA regulations, 40 CF ng the waste as non- nazardous waste

1

			(PLEASE PRIN	NT)		Name	inpany Man Contac	. morma
			OFNIER AS		And the second	Phone No.		(
Doorstor No.		1	GENERAT	OR	N	10.388	1934	
			_	Permit/RRC No. Lease/Well				
Operators Name	VI Y die	Harver		Name & No.	-1		2	
	tere for 2.1	s of the f	-	County		- 577	94	
ity, State, Zip	1 - N - 1	010		API No. Big Namo & No.		11	12	
hone No.	- 1336			AFE/PO No.			1 1 - 2	
EXEMPT	E&P Waste/Serv	vice Identification a	and Amount (place v	volume next to v	vaste type in barrels	or cubic vard	s)	
Dil Based Muds Dil Based Cuttings	NON-IN	JECTABLE WATERS	al an an Allen an Allen Na)	THE TRUE	INJECTABLE WATER	S		
Water Based Muds	Comple	tion Fluid/Flow back (Non-Injectable)		Completion Fluid/Fl	ectable) ow back (Injecta	able)	
Produced Formation Solids	Produce Gatheri	ed Water (Non-Injecta ng Line Water/Waste	ble) (Non-Injectable)		Produced Water (Inj	iectable)	tabla)	
ank Bottoms	INTERN	AL USE ONLY	(interimination of the second s		OTHER EXEMPT WAS	TES (type and ge	neration process of the wa	iste)
as Plant Waste		ashout (exempt wast	e)			01/11		-
ASTE GENERATION PROCESS:	DRILLIN	IG			PRODUCTION		GATHERING LINES	With the state of the second of
All new aver	mark FR Durant	NON-EXEMPT I	&P Waste/Service Ide	entification and Am	ount	e de la	NASSAL OF TRADE	
All non-exel	npt L&P Waste mus	be analysed and be	below the threshold lir	mits for toxicity (TC	LP), Ignitability, Corros	ivity and Reacti	vity.	and the second
		м. 		please select jr	om Non-Exempt Wast	e List on back		
JANTITY		B - BARRELS		L - LIQUID	Y-	YARDS	E - E	ACH
RCRA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir	waste which is non 261.24, or listed ha: pus is attached. (Che nformation	h-hazardous that does zardous waste as define ck the appropriate ite RCRA Hazar	not exceed the minimi ned by 40 CFR, part 26: ems as provided) dous Waste Analysis	um standards for w 1, subpart D, as am	vaste hazardous by cha nended. The following d Other (Provide Descr	racteristics esta locumentation o iption Below)	blished in RCRA regula demonstrating the was	tions, 40 CF te as non-
CREATER NON-EXEMPT: Oil field 261.21- hazardc MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME	waste which is non 261.24, or listed ha: us is attached. (Che nformation ncy non-hazradous, nation and a descip	-hazardous that does zardous waste as defin eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste mus	not exceed the minim ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TTER	vaste hazardous by cha lended. The following d] Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documental SIGNA	blished in RCRA regula demonstrating the was tion of non-hazardous v	tions, 40 CF te as non- waste
CREA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir CREAGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's ime	waste which is non 261.24, or listed haz ous is attached. (Che nformation ncy non-hazradous, nation and a descip	I-hazardous that does zardous waste as defii eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste must	not exceed the minimu hed by 40 CFR, part 26 ms as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department c n) DATE TTER Driver's Name	vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documentat	blished in RCRA regula demonstrating the was tion of non-hazardous w	tions, 40 CF te as non- waste
CREA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's mme Idress	waste which is non 261.24, or listed ha: us is attached. (Che nformation ncy non-hazradous, nation and a descip	-hazardous that does zardous waste as defin eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste mus	not exceed the minim ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by et accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name	vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documentat SIGNA	blished in RCRA regula demonstrating the was tion of non-hazardous v	tions, 40 CF te as non- waste
CRCRA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir CREAGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's mme Idress	waste which is non 261.24, or listed haz ous is attached. (Che nformation ncy non-hazradous, nation and a descip	I-hazardous that does zardous waste as defii eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste must	not exceed the minimi ned by 40 CFR, part 26 erms as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department c n) DATE TTER Driver's Name Print Name Phone No.	vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documentat	blished in RCRA regula demonstrating the was tion of non-hazardous to ITURE	tions, 40 CF te as non- waste
CREA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's mme idress one No.	waste which is non 261.24, or listed ha: rus is attached. (Che nformation ncy non-hazradous, nation and a descip	-hazardous that does zardous waste as defin eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste must	not exceed the minim ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name Phone No. Truck No.	vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documentat	blished in RCRA regula demonstrating the was tion of non-hazardous t	tions, 40 CF
CREA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's me dress one No. ereby certify that the above named material	waste which is non 261.24, or listed ha: us is attached. (Che nformation ncy non-hazradous, nation and a descip	-hazardous that does zardous waste as defines eck the appropriate ite RCRA Hazar non-oilfeild waste that ation of the waste must atten of the waste must be added at the Generated at the Generated	not exceed the minimi hed by 40 CFR, part 26: erms as provided) dous Waste Analysis at has been ordered by t accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department c n) DATE TER Driver's Name Print Name Phone No. Truck No. nt delivered withou	vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord	racteristics esta locumentation o iption Below) ler, documentat SiGNA sal facility listed	blished in RCRA regula demonstrating the was tion of non-hazardous w TURE	tions, 40 CF te as non- waste
CREANON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's me dress one No. Erreby certify that the above named materi SHIPMENT DATE	waste which is non 261.24, or listed haz rus is attached. (Che nformation ncy non-hazradous, nation and a descip all(s) was/were pick	I-hazardous that does zardous waste as defines cat the appropriate ite RCRA Hazard non-oilfeild waste that tion of the waste must end up at the Generate IGNATURE	not exceed the minim ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name Phone No. Truck No. nt delivered withou DELIVE	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord d ut incident to the dispo	racteristics esta locumentation o iption Below) ler, documentat SIGNA	blished in RCRA regula demonstrating the was tion of non-hazardous to TURE	tions, 40 CF
CREA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's ime idress one No. ereby certify that the above named materi SHIPMENT DATE TRUCK TIME ST	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip ation and a descip ial(s) was/were pick DRIVER'S SI	-hazardous that does zardous waste as define cather appropriate ite cather appropriste cather appropriate ite cat	not exceed the minimi ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TTER Driver's Name Print Name Phone No. Truck No. nt delivered withou DELIVE	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord difference of the dispo ut incident to the dispo	racteristics esta locumentation of iption Below) ler, documentat signa sal facility listed RECEIVIN	bblished in RCRA regula demonstrating the was tion of non-hazardous v TURE below. DRIVER'S SIGNATURE IG AREA	tions, 40 CF
CREAN NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir CREARGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME (PRINT) AUTHORIZED AGENTS NAME CREARGENCY NON-OILFEILD: Emerge determi created agents ansporter's anspo	waste which is non 261.24, or listed haz rus is attached. (Che nformation ncy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI	I-hazardous that does zardous waste as defines eck the appropriate ite RCRA Hazard non-oilfeild waste that ition of the waste must exed up at the Generate IGNATURE	not exceed the minimumed by 40 CFR, part 26: erms as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TTER Driver's Name Print Name Phone No. Truck No. Truck No. Truck No. DELIVE	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord))	racteristics esta locumentation of iption Below) ler, documentat signa sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w TURE d below. DRIVER'S SIGNATURE IG AREA	tions, 40 CF te as non waste
	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip ation at a descip at a desc	In hazardous that does zardous waste as define the appropriate ite appropriate ite control of the appropriate ite control of the last control of the waste must be appropriated up at the Generate control of the Generate con	not exceed the minimi ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by et accompany this form TRANSPOR Or's site listed above ar SPOSAL FA	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name Phone No. Truck No. nd delivered withou DELIVE	Vaste hazardous by cha leended. The following d Other (Provide Descr of Public Safety (the ord ut incident to the dispo INT DATE Name/I 575-393-1079	racteristics esta locumentation of iption Below) ler, documentat signa sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w trure below. DRIVER'S SIGNATURE JG AREA	tions, 40 CF
CREATE NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir BEMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME INSPORTER'S me dress Done No. Ereby certify that the above named materi SHIPMENT DATE TRUCK TIME ST CUT: Name/ mit No. Halfway Facility / NM1-000 fress 6601 Hobbs Hwy US 62/18	waste which is non 261.24, or listed ha: rus is attached. (Che information ncy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI CAMP	-hazardous that does zardous waste as defined and the appropriate ite anon-oilfeild waste that ation of the waste must ation of the waste must ation of the Generate arlsbad, NM 88220	not exceed the minimulad by 40 CFR, part 26: terms as provided) dous Waste Analysis at has been ordered by at ccompany this form TRANSPOR or's site listed above ar SPOSAL FA	um standards for w 1, subpart D, as am y the Department of the Depa	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord of	racteristics esta locumentation of iption Below) ler, documentat signa sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w TURE d below. DRIVER'S SIGNATURE JG AREA	tions, 40 CF
CREAR NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's mme Idress ONE No. ereby certify that the above named materi SHIPMENT DATE TRUCK TIME ST I: OUT: e Name/ rmit No. Halfway Facility / NM1-000 dress 6601 Hobbs Hwy US 62/18 NORM READINGS TAKEN? (Ci	waste which is non 261.24, or listed ha: sus is attached. (Che oformation ney non-hazradous, nation and a descip al(s) was/were pick DRIVER'S SI CAMP	hazardous that does zardous waste as defin eck the appropriate ite RCRA Hazar non-oilfeild waste the tion of the waste mus exed up at the Generate IGNATURE IGNATU	not exceed the minimumed by 40 CFR, part 26: erns as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR SPOSAL FA	um standards for w 1, subpart D, as am y the Department of n) DATE TTER Driver's Name Print Name Phone No. Truck No. nd delivered withou DELIVE CILITY Phone No.	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord ut incident to the dispo RY DATE 	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN No.	bblished in RCRA regula demonstrating the was tion of non-hazardous to trure below. DRIVER'S SIGNATURE JG AREA YES	tions, 40 CF te as non
	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI DRIVER'S SI DRIVER'S SI CAMP	-hazardous that does zardous waste as defin- eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste mus- ited up at the Generate IGNATURE arlsbad, NM 88220 IS NO YES	not exceed the minimi ned by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR TRANSPOR	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Phone No. Truck No. nd delivered withou DELIVE CILLITY Phone No.	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo RY DATE Name/I 575-393-1079 ng > 50 micro roentgen	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w trure below. DRIVER'S SIGNATURE IG AREA YES	tions, 40 CF te as non
	waste which is non 261.24, or listed ha: sus is attached. (Che oformation ncy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI AMP 5 0 Mile Marker 66 C rcle One) YE rcle One) YE	-hazardous that does zardous waste as defined ack the appropriate ite ack the approprise ite ack the appropriate ite ack the	not exceed the minimulad by 40 CFR, part 26: erms as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR SPOSAL FA SPOSAL FA	um standards for w 1, subpart D, as am y the Department of the Department of TER Driver's Name Print Name Phone No. Truck No. nd delivered withou DELIVE CILLITY Phone No. If YES, was readi NO OMS	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo INV DATE Name/I 575-393-1079 ng > 50 micro roentgen	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO.	bilished in RCRA regula demonstrating the was tion of non-hazardous to TURE delow. DRIVER'S SIGNATURE NG AREA YES	tions, 40 CF te as non
	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip al(s) was/were pick DRIVER'S SI DRIVER'S SI O Mile Marker 66 Co rcle One) YE rcle One) YE	-hazardous that does zardous waste as defines action of the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste must call up at the Generate call up at the Generate callsbad, NM 88220 callsbad, NM 8820 call	not exceed the minimi hed by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by ct accompany this form TRANSPOR TRANSPOR SPOSAL FA	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name Phone No. Truck No. nd delivered withou DELIVE CILLITY Phone No. If YES, was readi NO OINS	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord ut incident to the dispo RY DATE Name/I 575-393-1079 ng > 50 micro roentgen	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN No.	bilished in RCRA regula demonstrating the was tion of non-hazardous w nure d below. DRIVER'S SIGNATURE JG AREA YES	tions, 40 CF te as non
	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI DRIVER'S SI DRIVER'S SI CAMP	-hazardous that does zardous waste as defined and the appropriate ite anon-oilfeild waste that tion of the waste must anon-oilfeild waste that tion of the waste must and the Generate ardsbad, NM 88220 ardsbad,	not exceed the minimumed by 40 CFR, part 26: erns as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR TRANSPOR SPOSAL FAC	um standards for w 1, subpart D, as am y the Department of n) DATE TER Driver's Name Print Name Phone No. Truck No. nd delivered withou DELIVE CILLITY Phone No. If YES, was readi NO OMS	Vaste hazardous by cha leended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo RY DATE S75-393-1079 ng > 50 micro roentgen SW/BBLS Received Free Water	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w TURE I below. DRIVER'S SIGNATURE IG AREA YES BS&W (%)	tions, 40 CF te as non waste
	waste which is non 261.24, or listed ha: rus is attached. (Che information incy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI CAMP	-hazardous that does zardous waste as defined and the appropriate ite anon-oilfeild waste that anon-oilfeild waste that anon-oilfeild waste that and the Generate and up at the Generate arlsbad, NM 88220 arlsbad, NM 8820	not exceed the minimuland by 40 CFR, part 26: erms as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR SPOSAL FAC	um standards for w 1, subpart D, as am y the Department of n TTER Truck No. Truck No. Truck No. Truck No. If YES, was readi NO OMS BS8	Vaste hazardous by cha lended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo RY DATE S75-393-1079 ng > 50 micro roentgen SW/BBLS Received Free Water Total Received	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous to TURE I below. DRIVER'S SIGNATURE IG AREA YES BS&W (%)	tions, 40 CF te as non waste
	waste which is non 261.24, or listed ha: sus is attached. (Che nformation ncy non-hazradous, nation and a descip al(s) was/were pick DRIVER'S SI CAMP 5 0 Mile Marker 66 Ca rcle One) YE rcle One) YE rcle One)	-hazardous that does zardous waste as defines eck the appropriate ite RCRA Hazar non-oilfeild waste that tion of the waste must exter up at the Generate ignature Construction is NO YES Inches	not exceed the minimi hed by 40 CFR, part 26: ems as provided) dous Waste Analysis at has been ordered by that accompany this form TRANSPOR BPOSAL FAC	um standards for w 1, subpart D, as am y the Department c n DATE TTER Driver's Name Print Name Phone No. Truck No. If VES, was readi NO OINS If yES, was readi NO OINS If denied. whv?	Vaste hazardous by cha leended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo RY DATE Name/I 575-393-1079 ng > 50 micro roentgen RW/BBLS Received Free Water Total Received	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO.	bblished in RCRA regula demonstrating the was tion of non-hazardous w trure d below. DRIVER'S SIGNATURE JG AREA YES BS&W (%)	tions, 40 CF te as non
RCRA NON-EXEMPT: Oil field 261.21- hazardo MSDS Ir EMERGENCY NON-OILFEILD: Emerge determi (PRINT) AUTHORIZED AGENTS NAME ansporter's mme Idress one No. ereby certify that the above named materi SHIPMENT DATE TRUCK TIME ST I: OUT: e Name/ rmit No. Halfway Facility / NM1-006 dress 6601 Hobbs Hwy US 62/18 NORM READINGS TAKEN? (Ci PASS THE PAINT FILTER TEST? (Ci Gauge I Gauge :eived I hereby certify that the above load materi	waste which is non 261.24, or listed ha: sus is attached. (Che information incy non-hazradous, nation and a descip ial(s) was/were pick DRIVER'S SI AMP 5 0 Mile Marker 66 C rcle One) YE rcle One) ial has been (circle o	-hazardous that does zardous waste as defines arcRA Hazar non-oilfeild waste that tion of the waste must ced up at the Generate arclebad, NM 88220 arclebad, NM 8822	not exceed the minimi hed by 40 CFR, part 26 ems as provided) dous Waste Analysis at has been ordered by at accompany this form TRANSPOR SPOSAL FAC	um standards for w 1, subpart D, as am y the Department c n) DATE TTER Driver's Name Phone No. Truck No. nd delivered withou DELIVE CILLITY Phone No. If YES, was readi NO OMS BS8 BS8 If denied, why?	Vaste hazardous by cha leended. The following d Other (Provide Descr of Public Safety (the ord of Public Safety (the ord ut incident to the dispo RY DATE S75-393-1079 ng > 50 micro roentgen SW/BBLS Received Free Water Total Received	racteristics esta locumentation of iption Below) ler, documentat siGNA sal facility listed RECEIVIN NO. s? (circle one)	bblished in RCRA regula demonstrating the was tion of non-hazardous w trure delow. DRIVER'S SIGNATURE IG AREA YES BS&W (%)	tions, 40 Cf te as non waste

R

SOLUTIONS				(PLEASE PRIN	T)		Name		Dans
		Al-	G	ENERAT	OR	N	Phone No.	200-0	1912
Operator No					Permit/RRC No		0.388	935	
Operators Name	Union Energy	Zanation			Lease/Well Name & No.	Agarte	151	11 3	
		a refuite	11.34 /		County		- 27-	712	
City, State, Zip	I may M D	Mexico TO	10-		API No.	0-01	2 261	11	*
hone No.	500 - 10 - 18 p	16			AFE/PO No.		1.94 1.4	1	
	EXEMPT E&P W	aste/Service Identi	fication and A	mount (place v	olume next to w	vaste tupo in barrale	Second Street I	N	
Dil Based Muds Dil Based Cuttings		NON-INJECTABLE W	VATERS	-Astron 200		INJECTABLE WATERS	or cubic yards		and the second
Water Based Muds		Completion Fluid/Fl	on-Injectable) low back (Non-I	Injectable)		Washout Water (Inje	ctable) w back (Inicatal	41-1	
vater Based Cuttings Produced Formation Soli	ids	Produced Water (N	lon-Injectable)	Internet I.I.Y		Produced Water (Inje	ctable)	ole)	
ank Bottoms		INTERNAL USE ONL	Y	-injectable)		Gathering Line Water OTHER EXEMPT WAS	/Waste (Injecta ES (type and gene	able) eration process of t	the wastel
as Plant Waste		Truck Washout (exe	empt waste)			6 5 6	1	0.1.5	ane waater
ASTE GENERATION	PROCESS:	DRILLING		COMPLETION		PRODUCTION		GATHERING	NES
PS CHIMINE MOINT	ne zado zadrzego se se s	NON-	-EXEMPT E&P W	Vaste/Service Ider	ntification and Ame	ount			
on-Exempt Other	All non-exempt E&P v	vaste must be analyse	ed and be below	v the threshold lim	nits for toxicity (TC	LP), Ignitability, Corrosiv	ity and Reactivi	ity.	Linker.
on exempt other					*please select fr	om Non-Exempt Waste	List on back		
UANTITY	20	В	- BARRELS		L - LIQUID	(Y-)	ARDS		E - EACH
RCRA NON-EXEM	PT: Oil field waste wh 261.21-261.24, or hazardous is attac	ich is non-hazardous listed hazardous was ched. (Check the appro	that does not ex ste as defined by opriate items as	xceed the minimu y 40 CFR, part 261 s provided)	m standards for w , subpart D, as am	vaste hazardous by chara ended. The following do	acteristics estab cumentation de	lished in RCRA re emonstrating the	egulations, 40 CFI e waste as non-
	OILFEILD: Emergency non-h determination and	ich is non-hazardous listed hazardous was ched. (Check the appro- n RC azradous, non-oilfeild d a desciption of the v	that does not ex ste as defined by ropriate items as CRA Hazardous \ dwaste that has waste must acco	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis s been ordered by ompany this form)	Im standards for w , subpart D, as am the Department o // 2 Al 1 ATE	vaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	ncteristics estab iccumentation de ition Below) r, documentatio	lished in RCRA re emonstrating the on of non-hazard	egulations, 40 CFF e waste as non- dous waste
RCRA NON-EXEM RCRA NON-EXEM EMERGENCY NON-I (PRINT) AUTHOR	OILFEILD: Emergency non-h determination and	ich is non-hazardous listed hazardous was ched. (Check the appr n RC azradous, non-oilfeild d a desciption of the v	that does not ex ste as defined by opriate items as CRA Hazardous N d waste that has waste must acco TRA	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	the Department o	vaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	ncteristics estab commentation de ation Below) r, documentatio SIGNATO	vished in RCRA re emonstrating the on of non-hazard	egulations, 40 CFf e waste as non-
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME	ich is non-hazardous listed hazardous was ched. (Check the appr n RC azradous, non-oilfeild d a desciption of the v	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TR/	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	In standards for w , subpart D, as am the Department o //2/11 ATE TER Driver's Name Print Name	raste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	r, documentation signatu 0 Par	on of non-hazard	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME	ich is non-hazardous listed hazardous was ched. (Check the appr n RC azradous, non-oilfeild d a desciption of the v	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	In standards for w , subpart D, as am the Department o //2A14 ATE TER Driver's Name Print Name Phone No. Truck No.	Aaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	ncteristics establicumentation de ntion Below) r, documentation SIGNATI	Dished in RCRA re emonstrating the on of non-hazard	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME	ich is non-hazardous listed hazardous was ched. (Check the appr azradous, non-oilfeild d a desciption of the v	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	In standards for w , subpart D, as am the Department o ///// ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou	raste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics establic cumentation de attion Below) r, documentation signAttion Data	on of non-hazard	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attact MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME	ich is non-hazardous listed hazardous was ched. (Check the appri- n RC azradous, non-oilfeild d a desciption of the v KMMS	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA E Generator's sit	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou	Aaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order La La La La La La La La La La La La	acteristics establicumentation de trion Below) r, documentation SIGNATU	Vished in RCRA re emonstrating the on of non-hazard ure a da 1 G 9 (below.	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME Dove named material(s) was/	ich is non-hazardous listed hazardous was ched. (Check the appri- n RC azradous, non-oilfeild d a desciption of the v desciption of the v were picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by opriate items as CRA Hazardous N d waste that has waste must acco TRA e Generator's sit	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE	raste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde	acteristics establic cumentation de trion Below) r, documentatio signatu o Aar o Aar o Aar o Aar	Dished in RCRA re emonstrating the on of non-hazard ure a da t G d below. priver's signature	egulations, 40 CFF e waste as non- dous waste
	Dil field waste wh 261.21-261.24, or hazardous is attact MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME DOLLFEILD: Construction CK TIME STAMP OLLT:	ich is non-hazardous listed hazardous was ched. (Check the apprin azradous, non-oilfeild d a desciption of the v dwere picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA E Generator's site DISP(xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR ANSPOR	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE	Araste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order La Zav the character of the disposed RY DATE	acteristics establicumentation de trion Below) r, documentation SIGNATI	Dished in RCRA re emonstrating the on of non-hazard ure a da below. DRIVER'S SIGNATURE G AREA	egulations, 40 CFF e waste as non- dous waste
RCRA NON-EXEM EMERGENCY NON-I EMERGENCY NON-I	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and RZED AGENTS NAME DOVE named material(s) was/ CK TIME STAMP OUT:	ich is non-hazardous listed hazardous was ched. (Check the appri- n RC azradous, non-oilfeild d a desciption of the v d a desciption of the v were picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by opriate items as CRA Hazardous N d waste that has waste must acco TRA CRA Hazardous N d waste that has waste must acco TRA DISPC	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR te listed above and OSAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE	Aaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order La Zav La Zav ti incident to the dispos	acteristics establic cumentation de attion Below) r, documentation signatu bill facility listed I al facility listed I RECEIVING	Dished in RCRA re emonstrating the on of non-hazard ure below. DRIVER'S SIGNATURE GAREA	egulations, 40 CFF e waste as non- lous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information MSDS Information OILFEILD: Emergency non-h determination and determination and IZED AGENTS NAME D bove named material(s) was/ CK TIME STAMP OUT:	ich is non-hazardous listed hazardous was ched. (Check the appri- azradous, non-oilfeild d a desciption of the v desciption of the v were picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA E Generator's sit	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR C ANSPOR te listed above and OSAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY	Araste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order data and the order data and the order data and the order data and the order data and the order data and the order data and the order data and the order data and	Interistics establic cumentation de intion Below) r, documentation SIGNATI	on of non-hazard	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and determination and IZED AGENTS NAME CR TIME STAMP OUT: Y Facility / NM1-006 pobbs Hwy US 62/180 Mile Ma	ich is non-hazardous listed hazardous was ched. (Check the appri- n RC azradous, non-oilfeild d a desciption of the v dwere picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TR/ TR/ DISP(188220	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPORT	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY Phone No.	Araste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order Lai Zav di Lai Zav di tincident to the dispos	acteristics establicumentation de trion Below) r, documentation SIGNATU	Dished in RCRA re emonstrating the on of non-hazard ure below. DRIVER'S SIGNATURE G AREA	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME	ich is non-hazardous listed hazardous was ched. (Check the appri- azradous, non-oilfeild d a desciption of the v desciption of the v were picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by opriate items as CRA Hazardous N d waste that has waste must acco TRA e Generator's sit DISP(188220 NO	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR te listed above and OSAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILITY Phone No.	Araste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order data and the disposed of the disposed at incident to the disposed rest incident to the disposed from the dispo	acteristics establic cumentation de attion Below) r, documentatio signaru al facility listed l RECEIVING IO.	Dished in RCRA re emonstrating the on of non-hazard ure dada delow. DRIVER'S SIGNATURE GAREA YES	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME DOULFEILD: Construction CK TIME STAMP OUT: y Facility / NM1-006 Sobbs Hwy US 62/180 Mile Ma ADINGS TAKEN? (Circle One) NT FILTER TEST? (Circle One)	ich is non-hazardous listed hazardous was ched. (Check the appri- azradous, non-oilfeild d a desciption of the v dwere picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TR/ CRA Base of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPORT ANSPORT C SAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY Phone No. If YES, was readin to	Aaste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the order La La La La La La La La La La La La La La La La La La La L	acteristics establicumentation de cumentation de trion Below) r, documentation SIGNATU	Vished in RCRA re emonstrating the on of non-hazard ure below. DRIVER'S SIGNATURE G AREA YES	egulations, 40 CFR e waste as non- lous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attac MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME DOUT: CK TIME STAMP OUT: y Facility / NM1-006 Dobbs Hwy US 62/180 Mile Ma ADINGS TAKEN? (Circle One) NT FILTER TEST? (Circle One) Feet	ich is non-hazardous listed hazardous was ched. (Check the appri- azradous, non-oilfeild d a desciption of the v desciption desciption desc	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA e Generator's sit DISP(188220 NO TAN	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR ANSPOR COSAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DELIVE CILLITY Phone No. If YES, was readin to DMS	Araste hazardous by chara ended. The following do Other (Provide Descrip f Public Safety (the orde La 2av La 2av t incident to the dispos rv DATE Name/N 575-393-1079 ng > 50 micro roentgens	acteristics establicumentation de attion Below) r, documentation signaru al facility listed l RECEIVING O. ? (circle one)	Dished in RCRA re emonstrating the on of non-hazard ure dada dada dada dada dada dada dada da	egulations, 40 CFF e waste as non- dous waste
	PT: Oil field waste wh 261.21-261.24, or hazardous is attact MSDS Information OILFEILD: Emergency non-h determination and IZED AGENTS NAME CLE TIME STAMP OUT: VFacility / NM1-006 Dobs Hwy US 62/180 Mile Mat ADINGS TAKEN? (Circle One) NT FILTER TEST? (Circle One) Feet	ich is non-hazardous listed hazardous was ched. (Check the appri- azradous, non-oilfeild d a desciption of the v desciption of the v were picked up at the DRIVER'S SIGNATURE	that does not ex ste as defined by ropriate items as CRA Hazardous N d waste that has waste must acco TRA e Generator's sit DISP(188220 NO TAN	xceed the minimu y 40 CFR, part 261 s provided) Waste Analysis been ordered by ompany this form) D ANSPOR COSAL FAC	In standards for w , subpart D, as am the Department o ATE TER Driver's Name Print Name Phone No. Truck No. d delivered withou DEUVE CILLITY Phone No. If YES, was readir IO DMS BS8	Analysia in the following de construction of the following de cons	acteristics establicumentation de attion Below) r, documentation SIGNATU SIGNATU al facility listed I RECEIVIN	DRIVER'S SIGNATURE G AREA YES BS&W (%)	egulations, 40 CFF e waste as non- fous waste

Manarinar Bolutious	and the same the sugar is an	(PLEASE PR	and a property of the second	Dhone No.	and compare of 13 Hay and
		OFNEDA	TOP	Phone No.	0.40
Departure No.		GENERA	TUR	1 10.388	942-mahrent
		Alt works of without an	Permit/RRC No. Lease/Well	ne - A partie strange that a set ?	Address Condition
ddrawn	aring the	invitati be reacted	Name & No.	and dischargeneration services a se	BROKE NO PERM
udress	and a sub sta	100)	APINO	1000 1. 00135- 032 119	PERSONAL PROPERTY PARTY
ty, State, Zip	The MPAKO	AND THE PARTY OF T	Rig Name & No.	SACTOR OF STREET	
hone No. 505 35	0-1336	BURT BARTON PROCESS	AFE/PO No.	(f) a management of the second of	annon week
EXI	EMPT E&P Waste/Serv	ice Identification and Amount (plac	e volume next to w	aste type in barrels or cubic yards)
il Based Muds il Based Cuttings	NON-INJ Washou	ECTABLE WATERS t Water (Non-Injectable)		Washout Water (Injectable)	and a second strend strends and a second strend strend strend strends and a second strend strend strend strends
/ater Based Muds	Complet	ion Fluid/Flow back (Non-Injectable)	ater a de caro d e c	Completion Fluid/Flow back (Injectal Produced Water (Injectable)	ole)
oduced Formation Solids	Gatherin	g Line Water/Waste (Non-Injectable)		Gathering Line Water/Waste (Injecta	able) teration process of the waste)
P Contaminated Soil	Truck Wa	ashout (exempt waste)	Distant of the local distance of the	Waster group bed phone ap	- otomatamina italian
ASTE GENERATION PROCESS				PRODUCTION	GATHERING LINES
STE GENERATION PROCESS.	L_ DRILLING			Sunt	
All non	-exempt E&P waste must	be analysed and be below the threshold	d limits for toxicity (TC	LP), Ignitability, Corrosivity and Reacti	vity.
n-Exempt Other			*please select fro	om Non-Exempt Waste List on back	
ANTITY	20 -	B - BARRELS	L - LIQUID	Y - YARDS	E - EACH
reby certify that according to the Re	source Conservation and	Recovery Act (RCRA) and the US Enviro	nmental Protection Ap	gency's July 1988 regulatory determination	ation, the above described waste
	la basis only)	and the second s			
RCRA NON-EXEMPT: OII	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided)	imum standards for w 261, subpart D, as am	raste hazardous by characteristics esta ended. The following documentation o	blished in RCRA regulations, 40 C lemonstrating the waste as non-
RCRA NON-EXEMPT: 011 26 ha ms ms EMERGENCY NON-OILFEILD: Emergence	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f	imum standards for w 261, subpart D, as am is d by the Department c orm)	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta	blished in RCRA regulations, 40 G lemonstrating the waste as non-
CREAR NON-EXEMPT: 011 26 ha 2	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered to of the waste must accompany this f	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta Sign	blished in RCRA regulations, 40 c lemonstrating the waste as non- stion of non-hazardous waste
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO	A subpart D, as am a subpart D, as	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign	blished in RCRA regulations, 40 c temonstrating the waste as non- ation of non-hazardous waste
Porter's	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO	A subpart D, as am as a m by the Department c orm) DATE DRTER Driver's Name	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign	blished in RCRA regulations, 40 G temonstrating the waste as non- stion of non-hazardous waste
CREAR NON-EXEMPT: 011 26 ha 27 ha 26 ha 26 ha 26 ha 26 ha 27 ha 26 ha 2	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE DRTER Driver's Name Print Name	aste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign	blished in RCRA regulations, 40 c demonstrating the waste as non- ation of non-hazardous waste
POPTER'S AGENTS NAME	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been orderer on of the waste must accompany this f	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE DATE Driver's Name Print Name Phone No. Truck No.	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D M i a m M 575-605	blished in RCRA regulations, 40 G temonstrating the waste as non- ation of non-hazardous waste
CREAR NON-EXEMPT: 011 26 ha 2	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE DRTER Driver's Name Print Name Phone No. Truck No. Ye and delivered without	aste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 a m 7 a 575-605	blished in RCRA regulations, 40 c temonstrating the waste as non- ation of non-hazardous waste
CREATING AUTHORIZED AGENTS NAME CREATING AUTHORIZED CREATING AUTHORIZ	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been orderer on of the waste must accompany this f TRANSPO	An and a standards for w 261, subpart D, as am as an arr d by the Department c orm) DATE DATE DATE DRTER Driver's Name Print Name Phone No. Truck No. re and delivered witho	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D M i a m M 375-605 but incident to the disposal facility list	blished in RCRA regulations, 40 c temonstrating the waste as non- ation of non-hazardous waste
CREAR NON-EXEMPT: OII 26 ha 27 ha 26 ha 26 ha 26 ha 26 ha 26 ha 27 ha 26 ha 27 ha 2	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt solution and a descipt atternation and a descipt DRIVER'S SIG	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered to nof the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE DRTER Driver's Name Print Name Phone No. Truck No. Truck No. tre and delivered witho	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 a m 7 m 375-605 but incident to the disposal facility list CERY DATE	blished in RCRA regulations, 40 c temonstrating the waste as non- stion of non-hazardous waste wature definition definiton definition definition definitio
CREANON-EXEMPT: 011 26 ha 26 ha CREARGENCY NON-OILFEILD: Em det (PRINT) AUTHORIZED AGENTS NAME porter's ess a No. by certify that the above named ma shipment DATE TRUCK TIME	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt atterial(s) was/were picke DRIVER'S SIG STAMP	hazardous that does not exceed the mir ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed abov	An and a standards for w 261, subpart D, as am is d by the Department c form) DATE DRTER Driver's Name Print Name Phone No. Truck No. re and delivered witho DELIV CACILLITY	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D T 1 a m T 4 575-605 but incident to the disposal facility list very DATE RECEIV	blished in RCRA regulations, 40 c temonstrating the waste as non- ation of non-hazardous waste wature definition definiti
I RCRA NON-EXEMPT: OII 26 ha 26 ha 26 ha 26 ha 26 ha 27 EMERGENCY NON-OILFEILD: Em det 27 Em center's 27 Em ce	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt derrial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F	An and a standards for w 261, subpart D, as am as an and a by the Department c orm) DATE DATE DATE DATE DATE DATE DATE DATE	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D M a M a Safety Safety (the order, documenta sign Safety (the order) (the o	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature debelow. DRIVER'S SIGNATURE ING AREA
CREAR NON-EXEMPT: OIL COL CREARGENCY NON-OILFEILD: CREARGENCY NON-OILF	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt deterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered to no f the waste must accompany this f TRANSPO d up at the Generator's site listed abov NATURE DISPOSAL F	An and a standards for w 261, subpart D, as am is d by the Department c orm) DATE DRTER Driver's Name Print Name Phone No. Truck No. Truck No. Truck No. Truck No. Truck No. Truck No.	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 am 7 a 375-605 but incident to the disposal facility list ARY DATE RECEIV Name/No.	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature ed below. DRIVER'S SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt atterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed abov NATURE DISPOSAL F	Animum standards for w 261, subpart D, as am is d by the Department c form) DATE DRTER Driver's Name Print Name Phone No. Truck No. re and delivered without DEUX CACILITY Phone No.	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 a m 7 a 575-605 out incident to the disposal facility list reave DATE RECEIV Name/No. 575-393-1079	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature wature wature below. DRIVER'S SIGNATURE ING AREA
CREAR NON-EXEMPT: 011 26 ha 26 ha 26 ha 26 created by the service of the service	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt dermination and a descipt DRIVER'S SIG STAMP JT: -006 2/180 Mile Marker 66 Cal	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed abov NATURE DISPOSAL F	Animum standards for w 261, subpart D, as am is d by the Department c orm) DATE DATE DRTER Driver's Name Print Name Phone No. Truck No. Truck No. Truck No. Truck No. Truck No. Truck No. Phone No.	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D M a m Sign D M a m Sign D M a	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature deleter below. DRIVER'S SIGNATURE ING AREA
CREAR NON-EXEMPT: OII Content of the second	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt atterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered to nof the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F	An and a standards for w 261, subpart D, as am is d by the Department of orm) DATE DRTER Driver's Name Print Name Print Name Phone No. Truck No.	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 am 7 a 275-605 but incident to the disposal facility list rery DATE RECEIV Name/No. 575-393-1079 ding > 50 micro roentgens? (circle one	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature ed below. DRIVER'S SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt aterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NM 88220 NO YES	An and a standards for w 261, subpart D, as am is d by the Department C orm) DATE DRTER Driver's Name Print Name Print Name Phone No. Truck No. re and delivered without DEUX CACILITY Phone No. If YES, was read NO	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign provide Description Below) of Public Safety (the order, documenta sign provide Description Below) sign sign provide Description Below) sign sign provide Description Below) sign provide Description Below) sign sign provide Description Below) sign provide Description Below sign provide Description Below sign sign provide Description Bel	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature ed below. DRIVERS SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt derrial(s) was/were picke DRIVER'S SIG STAMP JT: -006 2/180 Mile Marker 66 Can 2 (Circle One) YES 2 (Circle One)	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NM 88220 NO YES TANK BOT	And the second s	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D M a m M Safety (the order, documenta sign D M a m M Safety (the order, documenta sign D M a m M Safety (the order, documenta sign Safety (the order, docum	blished in RCRA regulations, 40 c termonstrating the waste as non- stion of non-hazardous waste ature tature ed below. DRIVER'S SIGNATURE ING AREA
CREAR NON-EXEMPT: OIL CREARGENCY NON-OILFEILD: Creater CREARGENCY NON-CREARGENCENCENCENCENCENCENCENCENCENCENCENCENCE	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt dermination and a descipt DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NM 88220 VES TANK BOT Inches	Are and delivered without the second delivere	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 am 7 a 375-605 but incident to the disposal facility list rery DATE RECEIV Name/No. 575-393-1079 ding > 50 micro roentgens? (circle ond S&W/BBLS Received]	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature ed below. DRIVER'S SIGNATURE ING AREA
CREAR NON-EXEMPT: 011 26 ha 26 ha 26 ha 26 creation of the second of th	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt atterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NM 88220 NO YES TANK BOT Inches	An and a standards for w 261, subpart D, as am is d by the Department C orm) DATE DRTER Driver's Name Print Name Print Name Print Name Phone No. Truck No. re and delivered without DEUX CACILITY Phone No. If YES, was read NO TOMS	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D // 1 a m // 4 Sign D // 1 a m // 4 Sign	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature ed below. DRIVERS SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt aterial(s) was/were picke DRIVER'S SIG STAMP JT: -006 2/180 Mile Marker 66 Can P (Circle One) YES	hazardous that does not exceed the min andous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO Inches	A subpart D, as an 261, subpart D, as an 261	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D T a m T Sign D T a m T Sign	blished in RCRA regulations, 40 c termonstrating the waste as non- stion of non-hazardous waste wature wature ed below. DRIVER'S SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt aterial(6) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min ardous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NM 88220 YES TANK BOT Inches ne): ACCEPTED DENIED	Are and delivered without the No. Truck No. Tr	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign prime prime prime prime prime prime prime prime sign prime prime prime prime prime prime prime prime sign prime prima prime prime prime prime prime prime prime prime pr	blished in RCRA regulations, 40 c termonstrating the waste as non- ation of non-hazardous waste wature wature ed below. DRIVER'S SIGNATURE ING AREA
	field waste which is non- 1.21-261.24, or listed haz zardous is attached. (Che SDS Information ergency non-hazradous, r ermination and a descipt aterial(s) was/were picke DRIVER'S SIG STAMP JT:	hazardous that does not exceed the min andous waste as defined by 40 CFR, part ck the appropriate items as provided) RCRA Hazardous Waste Analys non-oilfeild waste that has been ordered on of the waste must accompany this f TRANSPO d up at the Generator's site listed above NATURE DISPOSAL F Isbad, NIM 88220 NO YES TANK BOT Inches ne): ACCEPTED DENIED	A mean of the second se	raste hazardous by characteristics esta ended. The following documentation of Other (Provide Description Below) of Public Safety (the order, documenta sign D 11 a m 7 2005 Safety (the order, documenta sign Safety (the order, documenta sign Sa	blished in RCRA regulations, 40 c termonstrating the waste as non- stion of non-hazardous waste wature wature ed below. DRIVER'S SIGNATURE ING AREA

	Phone No.
	GENERATOR NO. 388939
uperator No.	Permit/RRC No. Lease/Well
Operators Name	Name & No. All Che Control Con
Address 6958 seven	Api No. 30-015- 32719
ity state Tin Eda	Rig Name & No. WA
hone No.	AFE/PO No.
EXEMPT E&P W	/aste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)
Dil Based Muds	NON-INJECTABLE WATERS INJECTABLE WATERS Washout Water (Non-Injectable) Washout Water (Injectable)
Vater Based Muds	Completion Fluid/Flow back (Non-Injectable)
Vater Based Cuttings roduced Formation Solids	Produced Water (Non-Injectable) Produced Water (Injectable) Gathering Line Water/Waste (Injectable)
ank Bottoms	INTERNAL USE ONLY OTHER EXEMPT WASTES (type and generation process of the waste) Truck Washeut (average use to)
Plant Waste	Delly
ASTE GENERATION PROCESS:	DRILLING COMPLETION PRODUCTION GATHERING LINES
	NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P y	vaste must be analysed and be below the threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.
	piease select from Non-txempt Waste List on back
NTITY 20	B - BARRELS L - LIQUID Y - YARDS E - EACH
eby certify that according to the Resource Conser	vation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described wa
is (Check the appropriate classification)	Address - Business address for the history and compile
RCRA EXEMPT: Oil field wastes ge	enerated from oil and gas exploration and production operations and are not mixed with non-exempt waste (R360 Accepts certifications on
Oil field waste wh	
261.21-261.24, or	listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as a
hazardous is attac	hed. (Check the appropriate items as provided)
ACDC Information	
EMERGENCY NON-OILFEILD: Emergency non-hadden	RCRA Hazardous Waste Analysis Other (Provide Description Below) Azradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste a desciption of the waste must accompany this form)
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's certify that the above named material(s) was/w	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's certify that the above named material(s) was/w SHIPMENT DATE	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's certify that the above named material(s) was/w shiPMENT DATE E TRUCK TIME STAMP OUT:	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's cort	CRCRA Hazardous Waste Analysis Other (Provide Description Below) Disposed La desciption of the waste must accompany this form) DATE DATE SIGNATURE SIGNATURE SIGNATURE Driver's Name Print Name Phone No. Truck No. DELIVERY DATE DRIVER'S SIGNATURE DRIVER'S SIGNATURE DISPOSAL FACILITY RECEIVING AREA Name/No.
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) ALTHORIZED AGENTS NAME orter's	CRA Hazardous Waste Analysis Other (Provide Description Below) Caradous, non-oilfeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste a desciption of the waste must accompany this form) Date TRANSPORTER Driver's Name Print Name Phone No. Truck No. DRIVER'S SIGNATURE DRIVER'S SIGNATURE DRIVER'S SIGNATURE DISPOSAL FACILITY RECEIVING AREA Name/No. Phone No. 575-393.1079
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's s lo. certify that the above named material(s) was/w SHIPMENT DATE	RCRA Hazardous Waste Analysis Other (Provide Description Below)
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's certify that the above named material(s) was/w shiPMENT DATE c TRUCK TIME STAMP OUT:	RCRA Hazardous Waste Analysis Other (Provide Description Below) Arradous, non-olifeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste a desciption of the waste must accompany this form) DATE SIGNATURE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Truck No. DELIVERY DATE
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's corter's corter's cortify that the above named material(s) was/w shiPMENT DATE COUT: cortify that the above named material(s) was/w shiPMENT DATE COUT: cortify that the above named material(s) was/w shiPMENT DATE COUT: cortify that the above named material(s) was/w shiPMENT DATE cortify that the above name name name name name name name nam	n RCRA Hazardous Waste Analysis Other (Provide Description Below) naredous, non-olifeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waster a desciption of the waste must accompany this form) Non-hazardous waste Date SIGNATURE TRANSPORTER SIGNATURE Driver's Name Print Name Phone No. Truck No. Truck No. Truck No. DISPOSAL FACILITY RECEIVING AREA Name/No. String Signature Phone No. String Signature DISPOSAL FACILITY RECEIVING AREA Name/No. String Signature Phone No. String Signature DRIVER'S SIGNATURE DRIVER'S SIGNATURE DISPOSAL FACILITY RECEIVING AREA Name/No. String String Signature Phone No. String String Signature Phone No. String String Signature Phone No. String Signature Phone No. String Signature Phone No. String Signature Phone No. String Signature YES No Mode String Signature </td
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's s No. certify that the above named material(s) was/w SHIPMENT DATE TRUCK TIME STAMP OUT: e/ o. Halfway Facility / NM1-006 <u>6601 Hobbs Hwy US 62/180 Mile Market</u> NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One)	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PMINT) AUTHORIZED AGENTS NAME orter's s No. certify that the above named material(s) was/w selfMMENT DATE CERTIFY that the above named material(s) was/w SelfMMENT DATE SelfMMENT DATE CERTIFY that the above named material(s) was/w SelfMMENT DATE SelfMMENT DATE	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's s No. recrtify that the above named material(s) was/w supering the above named material(s) was/w supering that the above nam	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's s No. r certify that the above named material(s) was/w SHIPMENT DATE TRUCK TIME STAMP OUT: e/ o. Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Marke NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet	
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME Noter's s No. recrtify that the above named material(s) was/w SHIPMENT DATE TRUCK TIME STAMP OUT: re/ o. Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Market NORM READINGS TAKEN? (Circle One) PASS THE PAINT FILTER TEST? (Circle One) Feet	
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and communication determination and determination and communication determination determination and communication determination and communication determination determination and communication determination determination and communication determination determination and communication determination determin	
EMERGENCY NON-OILFEILD: Emergency non-hadetermination and determination and determination and conter's	Image: CRA Hazardous Waste Analysis Other (Provide Description Below) adesciption of the waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste a desciption of the waste must accompany this form) SIGNATURE TRANSPORTER Driver's Name Print Name Print Name Print Name Phone No. Truck No. Truck No. DRIVER'S SIGNATURE DISPOSAL FACILITY RECEIVING AREA No STS-393-1079 ere 66 Carlsbad, NM 88220 If YES, was reading > 50 micro roentgens? (circle one) YES YES NO Inches BS&W/BBLS Received BS&W (%) Free Water Total Received BS&W (%)
EMERGENCY NON-OILFEILD: Emergency non-ha determination and (PRINT) AUTHORIZED AGENTS NAME orter's s no. recrtify that the above named material(s) was/w supment date recrtify that the above named material(s) was/w supment date recrtify that the above named material has been (non- pass THE PAINT FILTER TEST? (Circle One) Feet	Other (Provide Description Below) arradous, non-olifeild waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste a desciption of the waste must accompany this form) Date SIGNATURE TRANSPORTER Driver's Name Print Name Phone No. Truck No. Truck No. DISPOSAL FACILITY No Phone No. Standard DisposAL FACILITY No Phone No. Standard DisposAL FACILITY Name/No. Phone No. Standard DisposAL FACILITY Phone No. Standard DisposAL FACILITY RECEIVING AREA Name/No. Phone No. Standard YES No YES No YES No TANK BOTTOMS Inches BS&W/BBLS Received BS&W/BBLS Received BS&W/BBLS Received

Automatics and a second and a	tended i south and south of the second	(PLEAS	E PRINT)	Name Mill:	and the second
		1	and a second	Phone No.	16.pr. 13.50
Onorston No.		GENE	RATOR	NO. 38894	0
operator No,			Permit/RRC No.		
Operators Name	Cariny		Lease/Well Name & No	Agache 2 state	S adverse C
Address 6469	Stan Rose	SHUMAN	County	EXAY	Care Color Stationard
		1	API No.	30-015-32719	
lity, State, Zip	ja, Nr. Mo	210	Rig Name & No.		and an entry warmed
hone No.	353-1336	A STATE AND A STAT	AFE/PO No.	N/A.	Anten and the second
	EXEMPT E&P Waste/S	Service Identification and Amount	(place volume next to v	waste type in barrels or cubic vards)	
Dil Based Muds	NON	N-INJECTABLE WATERS	Contrast of the Contrast of th	INJECTABLE WATERS	
Vater Based Muds	Was	shout Water (Non-Injectable)	and a strange address	Washout Water (Injectable)	list, many with the set of the set
Vater Based Cuttings	Prod	duced Water (Non-Injectable)	Alt-Oly-	Produced Water (Injectable)	SAME STREET
roduced Formation Solids	Gath	hering Line Water/Waste (Non-Injectabl	le)	Gathering Line Water/Waste (Injectable)	
&P Contaminated Soil	Truc	k Washout (exempt waste)		OTHER EXCIMPT WASTES (type and generation	process of the waste}
as Plant Waste	and a start and a start			1: DELIG	a second a second
ASTE GENERATION PROCES	S: DRIL	LING COMP	LETION	PRODUCTION GATH	IERING LINES
		NON-EXEMPT E&P Waste/Se	rvice Identification and Am	nount	
Al	non-exempt E&P waster	must be analysed and be below the three	eshold limits for toxicity (TO	CLP), Ignitability, Corrosivity and Reactivity.	Participant States
on-Exempt Other			*please select f	from Non-Exempt Waste List on back	A STATE OF THE STA
JANTITY	20	B - BARRELS	L-LIQUID	Y-YARDS	F - FACH
teby certify that according to	Paraura Ca				L-DAUN
d is (Check the appropriate class	ification)	and Recovery Act (RCRA) and the US E	nvironmental Protection A	Agency's July 1988 regulatory determination, t	he above described wast
	Oil field waste			A REAL PROPERTY AND A REAL PROPERTY AND A SEC.	HILLS ALLENGIA
	261.21-261.24, or listed hazardous is attached. (or MSDS Information	hazardous waste as defined by 40 CFR, Check the appropriate items as provide	, part 261, subpart D, as an ed) nalysis	mended. The following documentation demon] Other (Provide Description Below)	strating the waste as no
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste An ous, non-oilfeild waste that has been or coption of the waste must accompany i	dered by the Department of the	Other (Provide Description Below) Of Public Safety (the order, documentation of	strating the waste as no
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Au nus, non-oilfeild waste that has been or ciption of the waste must accompany i	dered by the Department of the form	nended. The following documentation demon] Other (Provide Description Below) of Public Safety (the order, documentation of	trion-hazardous waste
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazardo determination and a des	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar bus, non-oilfeild waste that has been or coption of the waste must accompany	dered by the Department of this form)	nended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of	non-hazardous waste
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des MME	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar nus, non-oilfeild waste that has been or iciption of the waste must accompany to RTRANS	part 261, subpart D, as an ady nalysis dered by the Department of this form) DATE PORTER	nended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of	inon-hazardous waste
EMERGENCY NON-OILFEILD: IPRINT) AUTHORIZED AGENTS N Sporter's	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des Ame	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany to TRANS	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name	Definition of Public Safety (the order, documentation of Public Safety (the order, documentation of Signature	tron-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's e ess	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des Ame	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Au nus, non-oilfeild waste that has been or cription of the waste must accompany to RCRA Hazardous Waste	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name	mended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE	inon-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's e ess	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des here and a des here attaches here attache	Check the appropriate items as provide RCRA Hazardous Waste Ai RCRA	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Bhone No	Other (Provide Description Below) of Public Safety (the order, documentation of	inon-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's e ess Directory Authorized Agents of the	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des Martin AME	Azardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar bus, non-oilfeild waste that has been or aciption of the waste must accompany the TRANS	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Twoch No.	Other (Provide Description Below) of Public Safety (the order, documentation of	inon-hazardous waste
PRINT) AUTHORIZED AGENTS N Sporter's e ess e No.	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des Ame	A check the appropriate items as provide	DATE PORTER Driver's Name Print Name Phone No. Truck No.	Other (Provide Description Below) of Public Safety (the order, documentation of	inon-hazardous waste
CPRINT AUTHORIZED AGENTS N Sporter's e ess e No. by certify that the above named	261.21-261.24, or listed hazardous is attached. (or MSDS Information Emergency non-hazrado determination and a des determination and des determination	hazardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or cciption of the waste must accompany RCRA Hazardous Waste Ar	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho	Other (Provide Description Below) of Public Safety (the order, documentation of Signature Signat	inon-hazardous waste
EMERGENCY NON-OILFEILD: PRINT] AUTHORIZED AGENTS N sporter's ess eNo. by certify that the above named	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des have have have have d material(s) was/were pi	A check the appropriate items as provide	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho	Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE SIGNATURE	inon-hazardous waste
PRINT) AUTHORIZED AGENTS N PRINT) AUTHORIZED AGENTS N PRINT) AUTHORIZED AGENTS N PRINT) AUTHORIZED AGENTS N PRINT NATHORIZED AGENTS N PRINT N	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and de	Anaradous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Anaradous	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho	Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE SIGNATURE SIGNATURE DUCLINCIDENT to the disposal facility listed belo	inon-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's ess e No. by certify that the above named SHIPMENT DATE TRUCK TIN	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and de	Azardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar bus, non-oilfeild waste that has been or aciption of the waste must accompany the TRANS TRANS icked up at the Generator's site listed a s SIGNATURE DISPOSA	DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV	Other (Provide Description Below) of Public Safety (the order, documentation of	inon-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's e ess e No. tby certify that the above named SHIPMENT DATE TRUCK TIN	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Marke	Check the appropriate items as provide RCRA Hazardous Waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ai Bus, non-oilfeild waste that has been or RCRA Hazardous Waste Ai Bus non-oilfeild waste that has been or RCRA Hazardous Waste Ai Second State Ai RCRA Hazardous Waste Ai Second State Ai Second State Ai RCRA Hazardous Waste Ai Second State Ai Second State Ai RCRA Hazardous Waste Ai Second State Ai Second	DATE PORTER DATE PORTER DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV LFACILITY	Detrincident to the disposal facility disted belo	inon-hazardous waste
EMERGENCY NON-OILFEILD: IPRINT AUTHORIZED AGENTS N sporter's e ess e No. by certify that the above named SHIPMENT DATE TRUCK TIN ame/	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Marce Contractor Marce d material(s) was/were pi DRIVER'S IE STAMP OUT:	A a ardous waste as defined by 40 CFR, Check the appropriate items as provide RCRA Hazardous Waste Ar us, non-oilfeild waste that has been or ciption of the waste must accompany TRANS Iteked up at the Generator's site listed a s SIGNATURE DISPOSA	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV LFACILITY	Other (Provide Description Below) Of Public Safety (the order, documentation of Signature Signature Signature Dut incident to the disposal facility listed belo VERV DATE DRIVE RECEIVING A Name/No.	inon-hazardous waste
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Ame Contraction determination and a des Ame Contraction Contraction Driver: IE STAMP OUT:	A check the appropriate items as provide	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV LFACILITY	Other (Provide Description Below) Of Public Safety (the order, documentation of	inon-hazardous waste
EMERGENCY NON-OILFEILD: (PRINT) AUTHORIZED AGENTS N sporter's e ess e No. by certify that the above named SHIPMENT DATE TRUCK TIN arme/ t No. Halfway Facility / N 55 6601 Hobbs Hwy U	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Arrier Information Infor	Carlsbad, NM 88220	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered withou DELIV LFACILITY	Other (Provide Description Below) Of Public Safety (the order, documentation of	strating the waste as nor inon-hazardous waste
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and	Carlsbad, NM 88220 YES NO	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV L FACILITY Phone No.	Deter (Provide Description Below) Of Public Safety (the order, documentation of SIGNATURE SIGNAT	strating the waste as nor inon-hazardous waste inon-hazardous waste inon
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and	Carlsbad, NM 88220 YES NO YES ND Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV LFACILITY Phone No. If YES, was read NO	Deter (Provide Description Below) of Public Safety (the order, documentation of Public Safety (the order, documentation of SiGNATURE SIG	strating the waste as nor inon-hazardous waste indiana indian indiana indiana indian indian indian indian indian indi
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des MIC MARE	Carlsbad, NM 88220 YES NO YES NO CARLS	part 261, subpart D, as an addition of the period of the department of the department of the second of the department of the second of the department of the	Other (Provide Description Below) of Public Safety (the order, documentation of	strating the waste as nor inon-hazardous waste indiana indiana inon-hazardous waste indiana indiana inon-hazardous waste indiana inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous waste inon-hazardous inon-hazardous waste inon-hazardous
EMERGENCY NON-OILFEILD:	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Mine Contraction and a des Mine Contraction Drivers IE STAMP OUT: M1-006 S 62/180 Mile Marker 66 EN? (Circle One) ST7 (Circle One)	Check the appropriate items as provide RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A RCRA Hazardous Waste A	part 261, subpart D, as an addition of the comparison of the compa	Devery DATE DEVERY DATE DEVERY DATE DEVERY DATE DEVERY DATE DEVERY CONTRACT DEVERY DATE DA	strating the waste as nor inon-hazardous waste indiana w.//// AREA YES NO
EMERGENCY NON-OILFEILD: IPRINT AUTHORIZED AGENTS N sporter's e ss e No. by certify that the above named SHIPMENT DATE TRUCK TIN ame/ t No. Halfway Facility / N SS <u>6601 Hobbs Hwy UP</u> NORM READINGS TAK PASS THE PAINT FILTER THE Uge	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and a des determination determinat	Carlsbad, NM 88220 YES Carlsbad, NM 88220 YES TANK BC Inches	part 261, subpart D, as an adding for V, part 261, subpart D, as an adding for V, and the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered withou DELIV LFACILLITY Phone No. If YES, was read NO DTTOMS	needed. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of Signature Signature Signature Signature Dut incident to the disposal facility fisted belo VERV DATE Date State Date Date Date Date Date Date State Date Date Date Date Date State Date State State State State Date Date Date Date Date Date Date State <	strating the waste as nor inon-hazardous waste indiana indian indiana indian indian indiana indi indi
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and a des determination determinat	Carlsbad, NM 88220 YES Carlsbad, NM 88220 YES TANK BC Inches	part 261, subpart D, as an addinal store of version of the second store of the second	needed. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of Signature Signature <t< td=""><td>strating the waste as nor inon-hazardous waste indiana indian indiana indian indian indiana indian indian indian indi</td></t<>	strating the waste as nor inon-hazardous waste indiana indian indiana indian indian indiana indian indian indian indi
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Ame Ame Ame Contraction DRIVER: IE STAMP OUT: M1-006 S 62/180 Mile Marker 66 EN? (Circle One) ST7 (Circle One)	Carlsbad, NM 88220 YES NO YES	part 261, subpart D, as an addition of the additional states of the add	nended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE DRIVE RECEIVING Name/No. SS&W/BBLS Received Bis Free Water Total Received	strating the waste as nor inon-hazardous waste inon-hazardous waste inon
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des Ame Ame Ame Ame Ame Ame Ame Ame Ame Ame	Carlsbad, NM 88220 YES Carlsbad, NM 8820	part 261, subpart D, as an addition of the add	nended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE DUILINCIDENT to the disposal facility disted belo ST5-393-1079 ding > 50 micro roentgens? (circle one) S&W/BBLS Received B: Free Water Signature Total Received B:	strating the waste as nor inon-hazardous waste indiana inon-hazardous waste indiana indian indiana indiana indi indi
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des MIE Contraction d material(s) was/were pi DRIVER: IE STAMP OUT: M1-006 S 62/180 Mile Marker 66 EN? (Circle One) t t material has been (circle	Accepted Accepted Accepted Accepted Accepted Accepted Accepted Accepted Accepted Accepted Accepted Accepted Acc	IED If denied, why	nended. The following documentation demon Other (Provide Description Below) of Public Safety (the order, documentation of SIGNATURE DUIL incident to the disposal facility listed belo Name/No. ST5-393-1079 ding > 50 micro roentgens? (circle one) S&W/BBLS Received BS Free Water Total Received Total Received BS	strating the waste as nor inon-hazardous waste indiana w./ / / / / / / / / / / / / / / / / / /
	261.21-261.24, or listed hazardous is attached. (r MSDS Information Emergency non-hazrado determination and a des determination and a des determination determination and a des determination dete	Carlsbad, NM 88220 YES Carlsbad, NM 8820 YES Carlsbad, NM 8	erminitum standards for v part 261, subpart D, as an ady halysis dered by the Department of this form) DATE PORTER Driver's Name Print Name Phone No. Truck No. above and delivered witho DELIV LFACILITY Phone No. If YES, was read NO DTTOMS BS IED If denied, why	Image: Signature Other (Provide Description Below) of Public Safety (the order, documentation of Addata SIGNATURE DUIL Incident to the disposal facility listed belo VERV DATE DRIVE Name/No. S75-393-1079 ding > 50 micro roentgens? (circle one) S&W/BBLS Received BS Free Water Total Received If Additional Addit	strating the waste as nor inon-hazardous waste inon-hazardous waste indiana w.//// w./// haza w./// haza w./// haza w./// haza w./// haza w./// haza w./// haza w.// haza ka ka ka ka ka ka ka ka ka ka ka ka ka

ATTACHMENT 6

Received by OCD: 12/19/2019 9:58:50 AM

Table 3. Soil Characterization - Salinity and Petroleum Hydrocarbon Parameters Client Name: Devon Energy Site Name: Apache 25 Federal #003 Project #: 19E-00575-016 Lab Report(s): 1907726

				Table 3. Soil Analysis - July 8, 2019														
	Sample Descri	ption	Fi	eld Screeni	ng					P	etroleum H	ydrocarbo	ns					
				Fla					Volatile						Extractable	9		Inorganic
Sample ID	Depth (ft)	Sample Date	B Volatile Organic Compounds (PID)	B Extractable Organic Compounds (Petro		eus Beuzeu (mg/kg)	auan Jol (mg/kg)	(mg/kg)	(mg) (mg/kg)	(d) sə uəl (d)	bay (bay (xylenes (Total)	a) (a) (a) BTEX (Total)	B B B B B B B B B B B B B B B B B B B	a) Diesel Range Organics (DRO)	a) Motor Oil Range Organics (MRO) (a)	(GRO + DRO)) (a) (a) (a) (a) (a) (a) (a) (a) (a) (b) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	(mg/kg)
BG19-01	0	7/08/2019	1	47	42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BG19-01	2	7/08/2019	1	48	241	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	240
TP19-01	0.5	7/09/2019	1	31	277	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	270
TP19-02	0.5	7/09/2019	1	109	59	ND	ND	ND	ND	ND	ND	ND	4.2	53	ND	57.2	57.2	69
TP19-03	0.5	7/09/2019	1	1,119	296	ND	ND	ND	ND	ND	0.43	0.43	21	120	62	141	203	210
TP19-04	1	7/09/2019	1	37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-05	1	7/09/2019	1	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-06	1	7/10/2019	5	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	15	15	ND
TP19-07	1	7/10/2019	8	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-08	1	7/10/2019	13	78	ND	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	35	35	ND
TP19-09	0.5	7/09/2019	5	111	ND	ND	ND	ND	ND	ND	ND	ND	ND	31	56	31	87	ND
TP19-10	0.5	7/09/2019	0	33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-11	2	7/10/2019	998	1,040	ND	ND	ND	ND	ND	ND	ND	ND	ND	710	300	710	1010	ND
TP19-12	1	7/10/2019	7	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-13	3.5	7/12/2019	4	270	74	ND	ND	ND	ND	ND	ND	ND	ND	31	ND	31	31	94
TP19-14	2	7/12/2019	1	35	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TP19-15	2	7/11/2019	1,341	110	151	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	130
TP19-16	1	7/10/2019	9	15	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110
TP19-17	1	7/10/2019	2	0	86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	62

Bold and Shaded indicates exceedance outside of applied action level.

•

.

•

•

ATTACHMENT 7

From:	Dennis Williams
То:	Robyn Fisher; Kathlene Meadows
Subject:	Fwd: Devon Energy - Apache 25 Federal #003 - 2RP-5435 - Confirmatory sample notification
Date:	July 18, 2019 8:18:39 AM

From: Dennis Williams

Sent: Monday, July 8, 2019 6:56:16 AM

To: Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Venegas, Victoria, EMNRD

Cc: amanda.davis@dvn.com; Bynum, Tom (Contract); Dhugal Hanton; Almager, Steve

Subject: Devon Energy - Apache 25 Federal #003 - 2RP-5435 - Confirmatory sample notification

Good morning All,

Please accept this email as 48hr notification that Vertex Resource Services Inc. has scheduled final confirmatory sampling at the above named location on July 9th 2019 at 8:00 am. Austin Harris from Vertex will be on site performing the sampling and can be reached at 432-250-5003. If you need assistance with directions to site please do not hesitate to contact them.

If you have any other questions or concerns, please do not hesitate to contact me.

•

•

ATTACHMENT 8



July 18, 2019

Dennis Williams Devon Energy 6488 Seven Rivers Highway Artesia, NM 888210 TEL: (575) 748-0176 FAX

RE: Apache 25 Fed 3

OrderNo.: 1907726

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Dennis Williams:

Hall Environmental Analysis Laboratory received 19 sample(s) on 7/16/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report Lab Order 1907726 Date Reported: 7/18/2019

7/16/2019 11:01:14 AM

7/16/2019 11:01:14 AM

7/16/2019 11:01:14 AM

7/16/2019 10:48:03 AM

Analyst: NSB

Analyst: NSB 7/16/2019 10:48:03 AM

Analyst: MRA 7/16/2019 12:15:54 PM

Hall Environmental Analysis Laboratory, Inc.

EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS					Analys	t: BRN			
Analyses		Result	R	L Qual Uni	its	DF	Date Analyzed				
Lab ID:	1907726-001	Matrix: MEOH (SO	DIL)	Received D	ate:	7/16/2	2019 9:15:00 AM				
Project:	Apache 25 Fed 3			Collection D	ate:	: 7/8/20	019 10:00:00 AM				
CLIENT:	Devon Energy	Client Sample ID: BG19-01 0.0'									

ND

ND

93.4

ND

107

ND

ND

ND

ND

90.6

ND

10

50

3.9

70-130

73.8-119

0.019

0.039

0.039

0.078

80-120

60

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

mg/Kg

1

1

1

1

1

1

1

1

1

1

20

Refer to the (C Summary	report and	sample lo	ogin check	list for fla	goed OC	data and	preservation	information
	γ C Summary	report and	sample it	ogin check	1151 101 114	iggeu QC	, uata anu	preservation	mormation

Oualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Devon Energy	Client Sample ID: BG19-01 2.0'
Project:	Apache 25 Fed 3	Collection Date: 7/8/2019 10:00:00 AM
Lab ID:	1907726-002	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM
Analyses		Result RL Qual Units DF Date Analyzed

EPA METHOD 8015M/D: DIESEL RANGE OR	GANICS				Analyst: BRM
Diesel Range Organics (DRO)	ND	9.2	mg/Kg	1	7/16/2019 11:25:27 AM
Motor Oil Range Organics (MRO)	ND	46	mg/Kg	1	7/16/2019 11:25:27 AM
Surr: DNOP	98.3	70-130	%Rec	1	7/16/2019 11:25:27 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.8	mg/Kg	1	7/16/2019 11:10:45 AM
Surr: BFB	96.5	73.8-119	%Rec	1	7/16/2019 11:10:45 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.019	mg/Kg	1	7/16/2019 11:10:45 AM
Toluene	ND	0.038	mg/Kg	1	7/16/2019 11:10:45 AM
Ethylbenzene	ND	0.038	mg/Kg	1	7/16/2019 11:10:45 AM
Xylenes, Total	ND	0.076	mg/Kg	1	7/16/2019 11:10:45 AM
Surr: 4-Bromofluorobenzene	81.4	80-120	%Rec	1	7/16/2019 11:10:45 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	240	60	mg/Kg	20	7/16/2019 12:28:19 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- * Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit S % Recovery outside of range due to dilution or matrix
- в Analyte detected in the associated Method Blank Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT	IENT: Devon Energy Client Sample ID: TP19-01 0.5'								
Project:	Apache 25 Fed 3	Collection Date: 7/9/2019 10:00:00 AM							
Lab ID:	1907726-003	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM							
Analyses		Result	RL Qua	l Units	DF	Date Analyzed			
EPA ME	THOD 8015M/D: DIESEL F	RANGE ORGANICS				Analyst: BRM			
Dissol F	Panga Organica (DPO)	ND	0.0	malka	4	7/16/2010 11:40:29 AM			

ND	9.0	mg/kg	1	7/10/2019 11.49.30 AW
ND	49	mg/Kg	1	7/16/2019 11:49:38 AM
97.0	70-130	%Rec	1	7/16/2019 11:49:38 AM
				Analyst: NSB
ND	3.4	mg/Kg	1	7/16/2019 11:33:31 AM
101	73.8-119	%Rec	1	7/16/2019 11:33:31 AM
				Analyst: NSB
ND	0.017	mg/Kg	1	7/16/2019 11:33:31 AM
ND	0.034	mg/Kg	1	7/16/2019 11:33:31 AM
ND	0.034	mg/Kg	1	7/16/2019 11:33:31 AM
ND	0.069	mg/Kg	1	7/16/2019 11:33:31 AM
89.5	80-120	%Rec	1	7/16/2019 11:33:31 AM
				Analyst: MRA
270	60	mg/Kg	20	7/16/2019 12:40:43 PM
	ND 97.0 ND 101 ND ND 89.5 270	ND 9.8 ND 49 97.0 70-130 ND 3.4 101 73.8-119 ND 0.017 ND 0.034 ND 0.034 ND 0.069 89.5 80-120 270 60	ND 9.8 IIIg/Kg ND 49 mg/Kg 97.0 70-130 %Rec ND 3.4 mg/Kg 101 73.8-119 %Rec ND 0.017 mg/Kg ND 0.034 mg/Kg ND 0.034 mg/Kg ND 0.069 mg/Kg 89.5 80-120 %Rec	ND 9.5 Ing/Kg 1 ND 49 mg/Kg 1 97.0 70-130 %Rec 1 ND 3.4 mg/Kg 1 101 73.8-119 %Rec 1 ND 0.017 mg/Kg 1 ND 0.034 mg/Kg 1 ND 0.034 mg/Kg 1 ND 0.069 mg/Kg 1 89.5 80-120 %Rec 1 270 60 mg/Kg 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 3 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Devon Energy	Client Sample ID: TP19-02 0.5'
Project:	Apache 25 Fed 3	Collection Date: 7/9/2019 10:30:00 AM
Lab ID:	1907726-004	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM
Analyses		Result RL Qual Units DF Date Analyzed

EPA METHOD 8015M/D: DIESEL RANGE ORGANICS	i					Analyst: BRM
Diesel Range Organics (DRO)	53	9.7		mg/Kg	1	7/16/2019 12:13:56 PM
Motor Oil Range Organics (MRO)	ND	48		mg/Kg	1	7/16/2019 12:13:56 PM
Surr: DNOP	112	70-130		%Rec	1	7/16/2019 12:13:56 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	4.2	3.8		mg/Kg	1	7/16/2019 11:56:17 AM
Surr: BFB	156	73.8-119	S	%Rec	1	7/16/2019 11:56:17 AM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.019		mg/Kg	1	7/16/2019 11:56:17 AM
Toluene	ND	0.038		mg/Kg	1	7/16/2019 11:56:17 AM
Ethylbenzene	ND	0.038		mg/Kg	1	7/16/2019 11:56:17 AM
Xylenes, Total	ND	0.077		mg/Kg	1	7/16/2019 11:56:17 AM
Surr: 4-Bromofluorobenzene	96.9	80-120		%Rec	1	7/16/2019 11:56:17 AM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	69	60		mg/Kg	20	7/16/2019 12:53:08 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 4 of 25

Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report Lab Order 1907726 Date Reported: 7/18/2019

7/16/2019 11:08:27 AM

7/16/2019 11:08:27 AM

7/16/2019 11:08:27 AM

7/16/2019 12:19:04 PM

7/16/2019 1:05:33 PM

Analyst: NSB

Analyst: NSB

Analyst: MRA

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015M/D: DIESI	L RANGE ORGANICS Analyst: BRN									
Analyses	Result RL Qual Units DF Date Analyzed									
Lab ID: 1907726-005	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM									
Project: Apache 25 Fed 3	Collection Date: 7/9/2019 11:00:00 AM									
CLIENT: Devon Energy	Client Sample ID: TP19-03 0.5'									

120

62

95.0

21

151

ND

ND

ND

0.43

101

210

9.7

49

20

0.10

0.20

0.20

0.40

60

80-120

S

70-130

73.8-119

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

mg/Kg

1

1

1

5

5

5

5

5

5

5

20

Defente the (C Cummer	noment and		in charlint	forflogad	\mathbf{r}	data and	mussemustica	information
	\mathcal{N} Summary	report and	sample log	III CHECKHSU	101 Haggeu	J.	uata anu	preservation	mormation

Oualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 5 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	ENT: Devon Energy Client Sample ID: TP19-04 1.0'								
Project:	Apache 25 Fed 3	Collection Date: 7/9/2019 12:00:00 PM							
Lab ID:	1907726-006	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM							
Analyses		Result	RL Qu	al Units	DF	Date Analyzed			
EPA MET	HOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst: BRM			
Diesel Ra	ange Organics (DRO)	ND	9.9	ma/Ka	1	7/16/2019 11:30:39 AM			

ND	5.5	mg/rxy		1/10/2019 11.30.39 AM
ND	50	mg/Kg	1	7/16/2019 11:30:39 AM
90.9	70-130	%Rec	1	7/16/2019 11:30:39 AM
				Analyst: NSB
ND	4.0	mg/Kg	1	7/16/2019 12:41:52 PM
107	73.8-119	%Rec	1	7/16/2019 12:41:52 PM
				Analyst: NSB
ND	0.020	mg/Kg	1	7/16/2019 12:41:52 PM
ND	0.040	mg/Kg	1	7/16/2019 12:41:52 PM
ND	0.040	mg/Kg	1	7/16/2019 12:41:52 PM
ND	0.080	mg/Kg	1	7/16/2019 12:41:52 PM
96.0	80-120	%Rec	1	7/16/2019 12:41:52 PM
				Analyst: MRA
ND	60	mg/Kg	20	7/16/2019 1:17:58 PM
	ND 90.9 ND 107 ND ND ND 96.0 ND	ND 50 90.9 70-130 ND 4.0 107 73.8-119 ND 0.020 ND 0.040 ND 0.040 ND 0.080 96.0 80-120 ND 60	ND 5.9 mg/Kg 90.9 70-130 %Rec ND 4.0 mg/Kg 107 73.8-119 %Rec ND 0.020 mg/Kg ND 0.040 mg/Kg ND 0.040 mg/Kg ND 0.080 mg/Kg 96.0 80-120 %Rec	ND 5.3 mg/Kg 1 ND 50 mg/Kg 1 90.9 70-130 %Rec 1 ND 4.0 mg/Kg 1 107 73.8-119 %Rec 1 ND 0.020 mg/Kg 1 ND 0.040 mg/Kg 1 ND 0.040 mg/Kg 1 ND 0.080 mg/Kg 1 96.0 80-120 %Rec 1 ND 60 mg/Kg 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 6 of 25

Hall Environmental Analysis Laboratory, Inc.

EPA MET	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM					
Analyses		Result	RL Qual Units	DF	Date Analyzed	
Lab ID:	1907726-007	Matrix: MEOH (SOIL)	Received Date	:7/16/2	2019 9:15:00 AM	
Project:	Apache 25 Fed 3		Collection Date	:7/9/20	019 12:30:00 PM	
CLIENT:	Devon Energy		Client Sample ID	: TP19-	-05 1.0'	

Diesel Range Organics (DRO)	ND	9.7	mg/Kg	1	7/16/2019 11:53:01 AM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2019 11:53:01 AM
Surr: DNOP	87.5	70-130	%Rec	1	7/16/2019 11:53:01 AM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	7/16/2019 1:04:41 PM
Surr: BFB	105	73.8-119	%Rec	1	7/16/2019 1:04:41 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.022	mg/Kg	1	7/16/2019 1:04:41 PM
Toluene	ND	0.043	mg/Kg	1	7/16/2019 1:04:41 PM
Ethylbenzene	ND	0.043	mg/Kg	1	7/16/2019 1:04:41 PM
Xylenes, Total	ND	0.086	mg/Kg	1	7/16/2019 1:04:41 PM
Surr: 4-Bromofluorobenzene	93.4	80-120	%Rec	1	7/16/2019 1:04:41 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	7/16/2019 1:30:22 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

*

S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 7 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Devon Energy	Client Sample ID: TP19-09 0.5'
Project:	Apache 25 Fed 3	Collection Date: 7/9/2019 1:00:00 PM
Lab ID:	1907726-008	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM
Analyses		Result RL Qual Units DF Date Analyzed

EPA METHOD 8015M/D: DIESEL RANGE ORG	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	31	9.3	mg/Kg	1	7/16/2019 12:15:26 PM
Motor Oil Range Organics (MRO)	56	47	mg/Kg	1	7/16/2019 12:15:26 PM
Surr: DNOP	96.8	70-130	%Rec	1	7/16/2019 12:15:26 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	7/16/2019 1:27:30 PM
Surr: BFB	105	73.8-119	%Rec	1	7/16/2019 1:27:30 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	7/16/2019 1:27:30 PM
Toluene	ND	0.042	mg/Kg	1	7/16/2019 1:27:30 PM
Ethylbenzene	ND	0.042	mg/Kg	1	7/16/2019 1:27:30 PM
Xylenes, Total	ND	0.084	mg/Kg	1	7/16/2019 1:27:30 PM
Surr: 4-Bromofluorobenzene	92.7	80-120	%Rec	1	7/16/2019 1:27:30 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	7/16/2019 2:07:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

*

S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 8 of 25

Analytical Report
Lab Order 1907726
Date Reported: 7/18/2019

Analyst: NSB

Analyst: NSB

Analyst: MRA

7/16/2019 1:50:22 PM

7/16/2019 2:20:00 PM

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015D: GASOLINE RANGE

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

CLIENT:	Devon Energy		Client S	Sample ID:	TP19-	-10 0.5'
Project:	Apache 25 Fed 3		Collec	ction Date:	7/9/20	019 1:30:00 PM
Lab ID:	1907726-009	Matrix: MEOH (SO	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM			
Analyses		Result	RL Qu	al Units	DF	Date Analyzed
EPA MET	THOD 8015M/D: DIESEL RA	NGE ORGANICS				Analyst: BRM
Diesel R	ange Organics (DRO)	ND	9.6	mg/Kg	1	7/16/2019 12:37:55 PM
Motor Oi	il Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2019 12:37:55 PM
Surr: I	DNOP	101	70-130	%Rec	1	7/16/2019 12:37:55 PM

ND

104

ND

ND

ND

ND

92.2

ND

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Oualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н
- Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

в Analyte detected in the associated Method Blank

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

mg/Kg

1

1

1

1

1

1

1

20

3.7

73.8-119

0.018

0.037

0.037

0.073

80-120

60

- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 9 of 25

Hall Environmental Analysis Laboratory, Inc.

EPA METHO	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM				
Analyses		Result R	L Qual Units	DF	Date Analyzed
Lab ID: 190	07726-010	Matrix: MEOH (SOIL)	Received Date	7/16/2	019 9:15:00 AM
Project: Ap	pache 25 Fed 3		Collection Date	: 7/10/2	019 9:00:00 AM
CLIENT: De	evon Energy	C	lient Sample ID	: TP19-	16 1.0'

Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/16/2019 1:00:06 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2019 1:00:06 PM
Surr: DNOP	92.1	70-130	%Rec	1	7/16/2019 1:00:06 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.3	mg/Kg	1	7/16/2019 2:13:14 PM
Surr: BFB	106	73.8-119	%Rec	1	7/16/2019 2:13:14 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	7/16/2019 2:13:14 PM
Toluene	ND	0.043	mg/Kg	1	7/16/2019 2:13:14 PM
Ethylbenzene	ND	0.043	mg/Kg	1	7/16/2019 2:13:14 PM
Xylenes, Total	ND	0.086	mg/Kg	1	7/16/2019 2:13:14 PM
Surr: 4-Bromofluorobenzene	93.7	80-120	%Rec	1	7/16/2019 2:13:14 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	110	60	mg/Kg	20	7/16/2019 2:32:24 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 10 of 25

Hall Environmental Analysis Laboratory, Inc.

EPA ME	EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Analyst: BRM						
Analyses		Result	R	L Qual Units	DF	Date Analyzed	
Lab ID:	1907726-011	Matrix: MEOH (SO	IL)	Received Date	:7/16/2	2019 9:15:00 AM	
Project:	Apache 25 Fed 3			Collection Date	:7/10/2	2019 10:00:00 AM	
CLIENT:	Devon Energy		0	Client Sample ID	: TP19	9-17 1.0'	

					=
Diesel Range Organics (DRO)	ND	9.6	mg/Kg	1	7/16/2019 1:22:18 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2019 1:22:18 PM
Surr: DNOP	91.4	70-130	%Rec	1	7/16/2019 1:22:18 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.7	mg/Kg	1	7/16/2019 10:53:00 AM
Surr: BFB	96.6	73.8-119	%Rec	1	7/16/2019 10:53:00 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.023	mg/Kg	1	7/16/2019 10:53:00 AM
Toluene	ND	0.047	mg/Kg	1	7/16/2019 10:53:00 AM
Ethylbenzene	ND	0.047	mg/Kg	1	7/16/2019 10:53:00 AM
Xylenes, Total	ND	0.094	mg/Kg	1	7/16/2019 10:53:00 AM
Surr: 4-Bromofluorobenzene	99.1	80-120	%Rec	1	7/16/2019 10:53:00 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	62	59	mg/Kg	20	7/16/2019 2:44:49 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 11 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Devon Energy	Client Sample ID: TP19-08 1.0'
Project:	Apache 25 Fed 3	Collection Date: 7/10/2019 11:00:00 AM
Lab ID:	1907726-012	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM
Analyses		Result RL Qual Units DF Date Analyzed

EPA METHOD 8015M/D: DIESEL RANGE ORGA	ANICS				Analyst: BRM
Diesel Range Organics (DRO)	35	9.7	mg/Kg	1	7/16/2019 1:44:32 PM
Motor Oil Range Organics (MRO)	ND	48	mg/Kg	1	7/16/2019 1:44:32 PM
Surr: DNOP	94.7	70-130	%Rec	1	7/16/2019 1:44:32 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	7/16/2019 11:16:34 AM
Surr: BFB	96.6	73.8-119	%Rec	1	7/16/2019 11:16:34 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.019	mg/Kg	1	7/16/2019 11:16:34 AM
Toluene	ND	0.039	mg/Kg	1	7/16/2019 11:16:34 AM
Ethylbenzene	ND	0.039	mg/Kg	1	7/16/2019 11:16:34 AM
Xylenes, Total	ND	0.078	mg/Kg	1	7/16/2019 11:16:34 AM
Surr: 4-Bromofluorobenzene	98.7	80-120	%Rec	1	7/16/2019 11:16:34 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	59	mg/Kg	20	7/16/2019 2:57:14 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 12 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT	: Devon Energy	Client Sample ID: TP19-12 1.0' Collection Date: 7/10/2019 11:35:00 AM Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM					
Project:	Apache 25 Fed 3						
Lab ID:	1907726-013						
Analyses		Result	RL Qua	al Units	DF	Date Analyzed	
EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst: BRM	
Diesel R	Range Organics (DRO)	ND	8.7	mg/Kg	1	7/16/2019 2:07:05 PM	

Motor Oil Range Organics (MRO)	ND	44	mg/Kg	1	7/16/2019 2:07:05 PM
Surr: DNOP	86.8	70-130	%Rec	1	7/16/2019 2:07:05 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.9	mg/Kg	1	7/16/2019 11:40:06 AM
Surr: BFB	98.1	73.8-119	%Rec	1	7/16/2019 11:40:06 AM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.020	mg/Kg	1	7/16/2019 11:40:06 AM
Toluene	ND	0.039	mg/Kg	1	7/16/2019 11:40:06 AM
Ethylbenzene	ND	0.039	mg/Kg	1	7/16/2019 11:40:06 AM
Xylenes, Total	ND	0.079	mg/Kg	1	7/16/2019 11:40:06 AM
Surr: 4-Bromofluorobenzene	101	80-120	%Rec	1	7/16/2019 11:40:06 AM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	7/16/2019 1:05:35 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

*

S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 13 of 25

Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report Lab Order 1907726 Date Reported: 7/18/2019

7/16/2019 2:29:15 PM

7/16/2019 2:29:15 PM

7/16/2019 2:29:15 PM

7/16/2019 12:03:36 PM

7/16/2019 1:17:59 PM

Analyst: NSB

Analyst: NSB

Analyst: MRA

Hall Environmental Analysis Laboratory, Inc.

EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analvst: BR
Analyses		Result	R	L Qual Units	DF	Date Analyzed
Lab ID:	1907726-014	Matrix: MEOH (SO	OIL)	Received Dat	e: 7/16/2	2019 9:15:00 AM
Project:	Apache 25 Fed 3			Collection Dat	e: 7/10/2	2019 12:00:00 PM
CLIENT:	Devon Energy		(Client Sample I	D: TP19	-06 1.0'

15

ND

87.4

ND

95.9

ND

ND

ND

ND

99.4

ND

9.2

46

3.4

70-130

73.8-119

0.017

0.034

0.034

0.068

80-120

60

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

mg/Kg

1

1

1

1

1

1

1

1

1

1

20

	Refer to the OC Summa	ry report and sample	e login checklist	t for flagged C	C data and	preservation information
--	-----------------------	----------------------	-------------------	-----------------	------------	--------------------------

Oualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 14 of 25

[%] Recovery outside of range due to dilution or matrix

Diesel Range Organics (DRO)

Motor Oil Range Organics (MRO)

Analytical Report Lab Order 1907726 Date Reported: 7/18/2019

7/16/2019 2:15:46 PM

7/16/2019 2:15:46 PM

Hall Environmental Analysis Laboratory, Inc.

EPA ME	THOD 8015M/D: DIESEL R	ANGE ORGANICS				Analyst: B	RN
Analyses		Result	R	L Qual Units	DF	Date Analyzed	
Lab ID:	1907726-015	Matrix: MEOH (SO	IL)	Received Date	:7/16/	2019 9:15:00 AM	
Project:	Apache 25 Fed 3			Collection Date	:7/10/	2019 12:45:00 PM	
CLIENT:	Devon Energy		(Client Sample ID	: TP19	9-07 1.0'	

ND

ND

9.7

49

mg/Kg

mg/Kg

mg/Kg

1

1

Surr: DNOP	99.0	70-130	%Rec	1	7/16/2019 2:15:46 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	3.4	mg/Kg	1	7/16/2019 12:27:10 PM
Surr: BFB	98.7	73.8-119	%Rec	1	7/16/2019 12:27:10 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.017	mg/Kg	1	7/16/2019 12:27:10 PM
Toluene	ND	0.034	mg/Kg	1	7/16/2019 12:27:10 PM
Ethylbenzene	ND	0.034	mg/Kg	1	7/16/2019 12:27:10 PM
Xylenes, Total	ND	0.067	mg/Kg	1	7/16/2019 12:27:10 PM
Surr: 4-Bromofluorobenzene	102	80-120	%Rec	1	7/16/2019 12:27:10 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	ND	60	mg/Kg	20	7/16/2019 1:30:24 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Holding times for preparation or analysis exceeded
- Н ND
- Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

*

S % Recovery outside of range due to dilution or matrix

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 15 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Devon Energy Client Sample ID: TP19-11 2.0' Project: Apache 25 Fed 3 Collection Date: 7/10/2019 1:00:00 F Lab ID: 1907726-016 Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 A Analyses Result RL Qual Units DF Date Anal EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Ar Diesel Range Organics (DRO) 710 9.6 mg/Kg 1 7/16/2019	
Project: Apache 25 Fed 3 Collection Date: 7/10/2019 1:00:00 F Lab ID: 1907726-016 Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 A Analyses Result RL Qual Units DF Date Anal EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Arr Piesel Range Organics (DRO) 710 9.6 mg/Kg 1 7/16/2019	
Lab ID: 1907726-016 Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 A Analyses Result RL Qual Units DF Date Anal EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Arr Diesel Range Organics (DRO) 710 9.6 mg/Kg 1 7/16/2019	PM
AnalysesResultRLQualUnitsDFDate AnalEPA METHOD 8015M/D: DIESEL RANGE ORGANICSArDiesel Range Organics (DRO)7109.6mg/Kg17/16/2019	AM
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS Ar Diesel Range Organics (DRO) 710 9.6 mg/Kg 1 7/16/2019	lyzed
Diesel Range Organics (DRO) 710 9.6 mg/Kg 1 7/16/2019	nalyst: BRM
	9 12:38:07 PM

Motor Oil Range Organics (MRO)	300	48		mg/Kg	1	7/16/2019 12:38:07 PM
Surr: DNOP	113	70-130		%Rec	1	7/16/2019 12:38:07 PM
EPA METHOD 8015D: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	18		mg/Kg	5	7/16/2019 12:50:46 PM
Surr: BFB	134	73.8-119	S	%Rec	5	7/16/2019 12:50:46 PM
EPA METHOD 8021B: VOLATILES						Analyst: NSB
Benzene	ND	0.092		mg/Kg	5	7/16/2019 12:50:46 PM
Toluene	ND	0.18		mg/Kg	5	7/16/2019 12:50:46 PM
Ethylbenzene	ND	0.18		mg/Kg	5	7/16/2019 12:50:46 PM
Xylenes, Total	ND	0.37		mg/Kg	5	7/16/2019 12:50:46 PM
Surr: 4-Bromofluorobenzene	107	80-120		%Rec	5	7/16/2019 12:50:46 PM
EPA METHOD 300.0: ANIONS						Analyst: MRA
Chloride	ND	60		mg/Kg	20	7/16/2019 1:42:48 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 16 of 25

Hall Environmental Analysis Laboratory, Inc.

CLIENT:	Devon Energy	Client Sample ID: TP19-15 2.0'
Project:	Apache 25 Fed 3	Collection Date: 7/11/2019 1:25:00 PM
Lab ID:	1907726-017	Matrix: MEOH (SOIL) Received Date: 7/16/2019 9:15:00 AM
Analyses		Result RL Qual Units DF Date Analyzed

EPA METHOD 8015M/D: DIESEL RANGE ORG	SANICS				Analyst: BRM
Diesel Range Organics (DRO)	10	10	mg/Kg	1	7/16/2019 1:02:34 PM
Motor Oil Range Organics (MRO)	ND	50	mg/Kg	1	7/16/2019 1:02:34 PM
Surr: DNOP	90.7	70-130	%Rec	1	7/16/2019 1:02:34 PM
EPA METHOD 8015D: GASOLINE RANGE					Analyst: NSB
Gasoline Range Organics (GRO)	ND	4.2	mg/Kg	1	7/16/2019 1:14:27 PM
Surr: BFB	102	73.8-119	%Rec	1	7/16/2019 1:14:27 PM
EPA METHOD 8021B: VOLATILES					Analyst: NSB
Benzene	ND	0.021	mg/Kg	1	7/16/2019 1:14:27 PM
Toluene	ND	0.042	mg/Kg	1	7/16/2019 1:14:27 PM
Ethylbenzene	ND	0.042	mg/Kg	1	7/16/2019 1:14:27 PM
Xylenes, Total	ND	0.085	mg/Kg	1	7/16/2019 1:14:27 PM
Surr: 4-Bromofluorobenzene	104	80-120	%Rec	1	7/16/2019 1:14:27 PM
EPA METHOD 300.0: ANIONS					Analyst: MRA
Chloride	130	60	mg/Kg	20	7/16/2019 2:20:02 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- S

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 17 of 25

[%] Recovery outside of range due to dilution or matrix

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015M/D: DIESEL R/	Analyst: BRN			
Analyses	Result	RL Qual Units	DF	Date Analyzed
Lab ID: 1907726-018	Matrix: MEOH (SO	DIL) Received Date:	7/16/2	2019 9:15:00 AM
Project: Apache 25 Fed 3		Collection Date:	7/12/2	2019 2:00:00 PM
CLIENT: Devon Energy		Client Sample ID:	TP19-	-14 2.0'

ND	9.5	mg/Kg	1	7/16/2019 1:26:53 PM
ND	47	mg/Kg	1	7/16/2019 1:26:53 PM
102	70-130	%Rec	1	7/16/2019 1:26:53 PM
				Analyst: NSB
ND	3.4	mg/Kg	1	7/16/2019 1:38:05 PM
108	73.8-119	%Rec	1	7/16/2019 1:38:05 PM
				Analyst: NSB
ND	0.017	mg/Kg	1	7/16/2019 1:38:05 PM
ND	0.034	mg/Kg	1	7/16/2019 1:38:05 PM
ND	0.034	mg/Kg	1	7/16/2019 1:38:05 PM
ND	0.068	mg/Kg	1	7/16/2019 1:38:05 PM
112	80-120	%Rec	1	7/16/2019 1:38:05 PM
				Analyst: MRA
ND	61	mg/Kg	20	7/16/2019 2:32:26 PM
	ND ND 102 ND 108 ND ND ND 112 ND	ND 9.5 ND 47 102 70-130 ND 3.4 108 73.8-119 ND 0.017 ND 0.034 ND 0.034 ND 0.068 112 80-120 ND 61	ND 9.5 mg/Kg ND 47 mg/Kg 102 70-130 %Rec ND 3.4 mg/Kg 108 73.8-119 %Rec ND 0.017 mg/Kg ND 0.034 mg/Kg ND 0.034 mg/Kg ND 0.068 mg/Kg ND 61 mg/Kg	ND 9.5 mg/Kg 1 ND 47 mg/Kg 1 102 70-130 %Rec 1 ND 3.4 mg/Kg 1 ND 3.4 mg/Kg 1 108 73.8-119 %Rec 1 ND 0.017 mg/Kg 1 ND 0.034 mg/Kg 1 ND 0.034 mg/Kg 1 ND 0.068 mg/Kg 1 112 80-120 %Rec 1 ND 61 mg/Kg 20

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded
- Н ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 18 of 25

Diesel Range Organics (DRO)

Surr: DNOP

Surr: BFB

Benzene

Toluene

Chloride

Ethylbenzene

Xylenes, Total

Motor Oil Range Organics (MRO)

Gasoline Range Organics (GRO)

EPA METHOD 8021B: VOLATILES

Surr: 4-Bromofluorobenzene

EPA METHOD 300.0: ANIONS

EPA METHOD 8015D: GASOLINE RANGE

Analytical Report Lab Order 1907726 Date Reported: 7/18/2019

7/16/2019 1:51:22 PM

7/16/2019 1:51:22 PM

7/16/2019 1:51:22 PM

7/16/2019 2:01:44 PM

7/16/2019 2:44:51 PM

Analyst: NSB

Analyst: NSB

Analyst: MRA

Hall Environmental Analysis Laboratory, Inc.

EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: BR	۶N			
Analyses		Result	R	L Qual Units	DF	Date Analyzed				
Lab ID:	1907726-019	Matrix: MEOH (SO	L)	Received Date	:7/16/2	2019 9:15:00 AM				
Project:	Apache 25 Fed 3			Collection Date	:7/12/2	2019 3:30:00 PM				
CLIENT:	Devon Energy		Client Sample ID: TP19-13 3.5'							
-										

31

ND

109

ND

107

ND

ND

ND

ND

103

94

9.2

46

4.4

70-130

73.8-119

0.022

0.044

0.044

0.089

80-120

60

mg/Kg

mg/Kg

%Rec

mg/Kg

%Rec

mg/Kg

mg/Kg

mg/Kg

mg/Kg

%Rec

mg/Kg

1

1

1

1

1

1

1

1

1

1

20

Refer to the (C Summary	report and	sample logi	n checklist	for flagged	OC	data and	preservation	information
		i toport and a	sample logi	п спескизі	IOI maggeu	vu	uata anu	preservation	mormation

Oualifiers:

*

- Value exceeds Maximum Contaminant Level. Sample Diluted Due to Matrix
- D Н Holding times for preparation or analysis exceeded
- ND
- Not Detected at the Reporting Limit PQL Practical Quanitative Limit
- S % Recovery outside of range due to dilution or matrix

- в Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 19 of 25
WO#: **1907726** *18-Jul-19*

Client:	Devon	Energy											
Project:	Apache	25 Fed 3											
Sample ID:	MB-46203	SampTy	pe: ME	BLK	Tes	TestCode: EPA Method 300.0: Anions							
Client ID:	PBS	Batch	Batch ID: 46203			RunNo: 6	1410						
Prep Date:	7/16/2019	Analysis Da	ate: 7/	16/2019	SeqNo: 2082563			Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		ND	1.5										
Sample ID:	LCS-46203	SampTy	pe: LC	S	Tes	tCode: E	PA Method	300.0: Anion	s				
Client ID:	LCSS	Batch	ID: 46	203	F	RunNo: 6	1410						
Prep Date:	7/16/2019	Analysis Da	ate: 7/	16/2019	S	SeqNo: 2	082564	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		14	1.5	15.00	0	93.7	90	110					
Sample ID:	MB-46200	SampTy	vpe: mk	olk	Tes	tCode: E	PA Method	300.0: Anion	s				
Client ID:	PBS	Batch	ID: 46	200	F	RunNo: 6	1409						
Prep Date:	7/16/2019	Analysis Da	ate: 7/	16/2019	S	SeqNo: 2	082630	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		ND	1.5										
Sample ID:	LCS-46200	SampTy	pe: Ics	;	Tes	tCode: E	PA Method	300.0: Anion	s				
Client ID:	LCSS	Batch	ID: 46	200	F	RunNo: 6	1409						
Prep Date:	7/16/2019	Analysis Da	ate: 7/	16/2019	S	SeqNo: 2	082631	Units: mg/K	g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Chloride		14	1.5	15.00	0	93.5	90	110					

Qualifiers:

* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 20 of 25

QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#: 1907726 18-Jul-19

Client:	Devon Energy												
Project:	Apache 25 Fec	. 3											
Sample ID: LCS-4	4 6194 S	ampType:	LCS	6	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: LCSS	5	Batch ID:	4619	94	F	RunNo: 61390							
Prep Date: 7/16	/2019 Anal	sis Date:	7/1	6/2019	5	SeqNo: 2	081502	Units: mg/K	g				
Analyte	Res	sult P	ΩL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics	s (DRO)	54	10	50.00	0	107	63.9	124					
Surr: DNOP		4.6		5.000		92.0	70	130					
Sample ID: MB-4	6194 S	ampType:	MBI	LK	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: PBS		Batch ID:	461	94	F	RunNo: 6	1390						
Prep Date: 7/16	/2019 Anal	sis Date:	7/1	6/2019	S	GeqNo: 2	081503	Units: mg/K	g				
Analyte	Res	sult PO	λ	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics	s (DRO)	ND	10										
Motor Oil Range Orgar	nics (MRO)	ND	50										
Surr: DNOP		9.8		10.00		97.7	70	130					
Sample ID: 19077	7 26-001AMS S	ampType:	MS		Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: BG19	-01 0.0'	Batch ID:	461	94	F	RunNo: 6	1390						
Prep Date: 7/16	/2019 Anal	vsis Date:	7/1	6/2019	S	SeqNo: 2	082514	Units: mg/K	g				
Analyte	Res	sult PO	ΩL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics	s (DRO)	45	9.2	46.17	0	97.2	57	142					
Surr: DNOP		4.0		4.617		86.5	70	130					
Sample ID: 19077	7 26-001AMSD S	ampType:	MS	D	Tes	tCode: El	PA Method	8015M/D: Die	esel Range	e Organics			
Client ID: BG19	-01 0.0'	Batch ID:	4619	94	F	RunNo: 6	1390						
Prep Date: 7/16	/2019 Anal	sis Date:	7/1	6/2019	S	GeqNo: 2	082515	Units: mg/K	g				
Analyte	Res	sult P	λ	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Diesel Range Organics	s (DRO)	50	9.9	49.50	0	101	57	142	10.5	20			
Surr: DNOP		4.2		4.950		84.8	70	130	0	0			

Qualifiers:

* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
 - Holding times for preparation or analysis exceeded
- Н ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

- В Analyte detected in the associated Method Blank
- Е Value above quantitation range
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 21 of 25

WO#:	1907726
	18-Jul-19

Client: Project:	Devon Er Apache 2	nergy 5 Fed 3											
Sample ID:	RB	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e			
Client ID:	PBS	Batch	ID: G6	1408	F	RunNo: 61408							
Prep Date:		Analysis D	ate: 7/	16/2019	S	SeqNo: 2							
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang Surr: BFB	e Organics (GRO)	ND 1000	5.0	1000		104	73.8	119					
Sample ID:	2.5UG GRO LCS	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e			
Client ID:	LCSS	Batch	ID: G6	1408	F	RunNo: 6	1408						
Prep Date:		Analysis D	ate: 7/	16/2019	S	SeqNo: 2	081928	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang	e Organics (GRO)	24	5.0	25.00	0	96.0	80.1	123					
Surr: BFB		1200		1000		120	73.8	119			S		
Sample ID:	1907726-001AMS	SampT	ype: MS	6	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e			
Client ID:	BG19-01 0.0'	Batch	ID: G6	1408	F	RunNo: 6	1408						
Prep Date:		Analysis D	ate: 7/	16/2019	Ş	SeqNo: 2	081929	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang	e Organics (GRO)	19	3.9	19.38	0	97.7	69.1	142					
Surr: BFB		940		775.2		121	73.8	119			S		
Sample ID:	1907726-001AMSI	D SampT	ype: MS	SD	TestCode: EPA Method 8015D: Gasoline Range								
Client ID:	BG19-01 0.0'	Batch	ID: G6	1408	F	RunNo: 6	1408						
Prep Date:		Analysis D	ate: 7/	16/2019	S	SeqNo: 2	081930	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang	e Organics (GRO)	18	3.9	19.38	0	92.3	69.1	142	5.73	20			
Surr: BFB		1800		775.2		233	73.8	119	0	0	S		
Sample ID:	RB	SampT	ype: ME	BLK	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e			
Client ID:	PBS	Batch	ID: G6	1407	F	RunNo: 6	1407						
Prep Date:		Analysis D	ate: 7/	16/2019	Ş	SeqNo: 2	081963	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		
Gasoline Rang	e Organics (GRO)	ND	5.0										
Surr: BFB		1000		1000		102	73.8	119					
Sample ID:	2.5UG GRO LCS	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gasc	oline Rang	e			
Client ID:	LCSS	Batch	ID: G6	1407	F	RunNo: 6	1407						
Prep Date:		Analysis D	ate: 7/	16/2019	Ş	SeqNo: 2	081964	Units: mg/k	٢g				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual		

Qualifiers:

Н

ND

Value exceeds Maximum Contaminant Level. * D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit

В Analyte detected in the associated Method Blank Е Value above quantitation range

- J Analyte detected below quantitation limits
- Р Sample pH Not In Range

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

Holding times for preparation or analysis exceeded

Page 22 of 25

RL Reporting Limit

WO#: **1907726** *18-Jul-19*

Client: Project:	Devon Er Apache 2	nergy 5 Fed 3									
Sample ID: 2.5U	JG GRO LCS	SampT	ype: LC	S	Tes	tCode: El	PA Method	8015D: Gaso	line Rang	e	
Client ID: LCS	S	Batcl	n ID: G6	1407	F	RunNo: 61407					
Prep Date:		Analysis D	Analysis Date: 7/16/2019			SeqNo: 2	081964	Units: mg/k	۲g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga	anics (GRO)	21	5.0	25.00	0	83.6	80.1	123			
Surr: BFB		1100		1000		106	73.8	119			
Sample ID: 1907	Sample ID: 1907726-011AMS SampType: MS TestCode: EPA Method 8015D: Gasoline Range										
Client ID: TP1	9-17 1.0'	Batch	Batch ID: G61407			RunNo: 6	1407				
Prep Date:		Analysis D	Date: 7/	16/2019	S	SeqNo: 2	081965	Units: mg/k	٢g		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga	anics (GRO)	23	4.7	23.50	0	96.0	69.1	142			
Surr: BFB		1000		939.8		111	73.8	119			
Sample ID: 1907	7726-011AMS) SampT	ype: MS	SD	Tes	tCode: El	PA Method	8015D: Gaso	oline Rang	e	
Client ID: TP1	9-17 1.0'	Batcl	n ID: G6	1407	F	RunNo: 6	1407				
Prep Date:		Analysis D	Analysis Date: 7/16/2019 SeqNo: 2081966 Units: mg/Kg								
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Orga	anics (GRO)	22	4.7	23.50	0	92.9	69.1	142	3.30	20	
Surr: BFB		1000		939.8		107	73.8	119	0	0	

Qualifiers:

* Value exceeds Maximum Contaminant Level.

- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quanitative Limit

- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 23 of 25

WO#: **1907726** *18-Jul-19*

Client:	Devon Er	nergy									
Project:	Apache 2	5 Fed 3									
	-	0	T								
Sample ID:	RB	Samp	iype: ME	SLK	les		PA Method	8021B: Vola	tiles		
Client ID:	PBS	Batc	:h ID: B6	1408	ŀ	RunNo: 6					
Prep Date:		Analysis [Analysis Date: 7/16/2019			SeqNo: 2	081942	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		ND	0.025								
Toluene		ND	0.050								
Ethylbenzene		ND	0.050								
Xylenes, Total		ND	0.10								
Surr: 4-Brom	nofluorobenzene	0.94		1.000		94.5	80	120			
Sample ID:	100NG BTEX LCS	SampType: LCS			Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	LCSS	Batc	h ID: B6	1408	F	RunNo: 6	1408				
Prep Date:		Analysis Date: 7/16/2019			5	SeqNo: 2	081943	Units: mg/l	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.97	0.025	1.000	0	96.8	80	120			
Toluene		0.96	0.050	1.000	0	96.2	80	120			
Ethylbenzene		0.95	0.050	1.000	0	95.3	80	120			
Xylenes, Total		2.9	0.10	3.000	0	96.7	80	120			
Surr: 4-Brom	nofluorobenzene	0.99		1.000		99.2	80	120			
Sample ID:	1907726-002AMS	Samp	Туре: М	6	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	BG19-01 2.0'	Batc	h ID: B6	1408	RunNo: 61408						
Prep Date:		Analysis [Date: 7/	16/2019	5	SeqNo: 2	081944	Units: mg/Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.72	0.019	0.7564	0	94.6	63.9	127			
Toluene		0.74	0.038	0.7564	0.003139	98.0	69.9	131			
Ethylbenzene		0.72	0.038	0.7564	0	95.6	71	132			
Xylenes, Total		2.2	0.076	2.269	0	95.4	71.8	131			
Surr: 4-Brom	nofluorobenzene	0.76		0.7564		99.9	80	120			
Sample ID:	1907726-002AMS	Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles		
Client ID:	BG19-01 2.0'	Batc	h ID: B6	1408	F	RunNo: 6	1408				
Prep Date:		Analysis [Date: 7/	16/2019	S	SeqNo: 2	081945	Units: mg/l	Kg		
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene		0.69	0.019	0.7564	0	91.0	63.9	127	3.88	20	
Toluene		0.70	0.038	0.7564	0.003139	92.7	69.9	131	5.51	20	
Ethylbenzene		0.69	0.038	0.7564	0	91.2	71	132	4.67	20	
Xylenes, Total		2.1	0.076	2.269	0	91.6	71.8	131	4.06	20	
Surr: 4-Brom	nofluorobenzene	0.74		0.7564		98.2	80	120	0	0	

Qualifiers:

Н

ND

* Value exceeds Maximum Contaminant Level.D Sample Diluted Due to Matrix

Not Detected at the Reporting Limit

Sample Diluted Due to Matrix Holding times for preparation or analysis exceeded E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

Analyte detected in the associated Method Blank

RL Reporting Limit

В

PQL Practical Quanitative Limit S % Recovery outside of range due to dilution or matrix

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc

WO#: 1907726 18-Jul-19

Client:	Devon E	nergy										
Project:	Apache 2	25 Fed 3										
Sample ID:	RB	Samp	Гуре: МЕ	BLK	Tes	TestCode: EPA Method 8021B: Volatiles						
Client ID:	PBS	Batc	h ID: B6	1407	F	RunNo: 6						
Prep Date:		Analysis [Date: 7/	16/2019	S	SeqNo: 2081992 Units: mg/Kg						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		ND	0.025									
Toluene		ND	0.050									
Ethylbenzene		ND	0.050									
Xylenes, Total		ND	0.10									
Surr: 4-Bron	nofluorobenzene	1.0		1.000		104	80	120				
Sample ID:	100NG BTEX LCS	CS SampType: LCS TestCode: EPA Method 8021B: Vol						8021B: Vola	tiles			
Client ID:	LCSS	Batc	h ID: B6	1407	F	RunNo: 6	1407					
Prep Date:		Analysis [Date: 7/	16/2019	S	SeqNo: 2	081993	Units: mg/l	Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		1.0	0.025	1.000	0	103	80	120				
Toluene		1.1	0.050	1.000	0	109	80	120				
Ethylbenzene		1.1	0.050	1.000	0	111	80	120				
Xylenes, Total		3.3	0.10	3.000	0	111	80	120				
Surr: 4-Bron	nofluorobenzene	1.1		1.000		111	80	120				
Sample ID:	1907726-012AMS	Samp	Гуре: М	6	Tes	tCode: E	PA Method	8021B: Vola	tiles			
Client ID:	TP19-08 1.0'	Batc	h ID: B6	1407	RunNo: 61407							
Prep Date:		Analysis [Date: 7/	16/2019	S	SeqNo: 2	081994	Units: mg/l	Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		0.77	0.019	0.7752	0	99.4	63.9	127				
Toluene		0.81	0.039	0.7752	0	105	69.9	131				
Ethylbenzene		0.82	0.039	0.7752	0	105	71	132				
Xylenes, Total		2.4	0.078	2.326	0	105	71.8	131				
Surr: 4-Bron	nofluorobenzene	0.78		0.7752		101	80	120				
Sample ID:	1907726-012AMS	D Samp	Type: MS	SD	Tes	tCode: E	PA Method	8021B: Vola	tiles			
Client ID:	TP19-08 1.0'	Batc	h ID: B6	1407	F	RunNo: 6	1407					
Prep Date:		Analysis [Date: 7/	16/2019	S	SeqNo: 2	081995	Units: mg/l	Kg			
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual	
Benzene		0.80	0.019	0.7752	0	103	63.9	127	3.78	20		
Toluene		0.82	0.039	0.7752	0	106	69.9	131	1.17	20		
Ethylbenzene		0.81	0.039	0.7752	0	105	71	132	0.829	20		
Xylenes, Total		2.4	0.078	2.326	0	103	71.8	131	1.73	20		
Surr: 4-Bron	nofluorobenzene	0.79		0.7752		101	80	120	0	0		

Qualifiers:

ND

* Value exceeds Maximum Contaminant Level. D

Not Detected at the Reporting Limit

Sample Diluted Due to Matrix H Holding times for preparation or analysis exceeded в Analyte detected in the associated Method Blank Е Value above quantitation range

J Analyte detected below quantitation limits

Р Sample pH Not In Range

RL Reporting Limit Page 25 of 25

.

PQL Practical Quanitative Limit

S % Recovery outside of range due to dilution or matrix

Received by OCD: 12/19/2019 9:58:50 AM

HALL ENVIRONMENTAL ANALYSIS LABORATORY	Hall Environmental Albu TEL: 505-345-3975 Website: www.ha	Analys 490) iquerqu FAX: . Ilenvir	is Labor Hawki Ie, NM 8 505-345 onmenta	ratory ns NE 87109 -4107 d.com	Sample Log-In Check List				
Client Name: DEVON ENERGY	Work Order Number:	1907	726			RcptNo: 1			
Received By: Leah Baca	7/16/2019 9:15:00 AM			Lash	Baca				
Completed By: Leah Baca	7/16/2019 9:22:01 AM			Int	Paca				
Reviewed By: ENM	1/16/19			Lun	Ja	-			
Chain of Custody									
1. Is Chain of Custody complete?		Yes	\checkmark	No		Not Present			
2. How was the sample delivered?		Cour	ier						
<u>Log In</u>									
3. Was an attempt made to cool the samples?		Yes		No					
4. Were all samples received at a temperature of	[₹] >0° C to 6.0°C	Yes	•	No		NA 🗌			
5. Sample(s) in proper container(s)?		Yes	✓	No					
6. Sufficient sample volume for indicated test(s)?	A	Yes	~	No					
7. Are samples (except VOA and ONG) properly	preserved?	Yes	~	No					
3. Was preservative added to bottles?		Yes		No		NA 🗌			
9. VOA vials have zero headspace?		Yes		No		No VOA Vials 🗹			
0. Were any sample containers received broken	?	Yes		No		# . f			
					_	bottles checked			
1. Does paperwork match bottle labels?		Yes	~	No		for pH:			
2 Are matrices correctly identified on Chain of C	ustody?	Voc		No	n	Adjusted?			
3 Is it clear what analyses were requested?	uotouj.	Yes		No					
4. Were all holding times able to be met? (If no, notify customer for authorization.)		Yes	~	No		Checked by: DAD 7/16/19			
pecial Handling (if applicable)									
15. Was client notified of all discrepancies with th	is order?	Yes		No		NA 🔽			
Person Notified:	Date				*****				
By Whom:	Via:	eMa	il 🔲	Phone	Fax	🗌 In Person			
Regarding:									
Client Instructions:									
16. Additional remarks:									
17. <u>Cooler Information</u>									
Cooler No Temp °C Condition Sea	I Intact Seal No S	eal Da	ite	Signed	Ву				
1 4.7 Good Yes									

ANALYSIS LABORATORY HALL ENVIRONMENTAL Ahall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. 4901 Hawkins NE - Albuquerque, NM 87109 Fax 505-345-4107 www.hallenvironmental.com Analysis Request Total Coliform (Present/Absent) (AOV-im92) 0728 (AOV) 0928 NO⁵, PO4, SO4 X X Bt' NO³' C'D' x x X X X X 1 x X Tel. 505-345-3975 RCRA 8 Metals PAHs by 8310 or 8270SIMS 6491 (1.405 bodteM) 803 8081 Pesticides/8082 PCB's Remarks: X X x X X X x x X × PH: 3015D(GRO / DRO / MRO) x × × x x x x x X (XELA) x (1208) a'AMT + x X **MTBE /** X VEDC: C 000 +00-2160 61/21/E 003 010 004 500 -008 000 100-200 10-ARUSH JAME NAN Time Time 713/19 1010 HEAL No. 190777 7-13-19 Permisa Qvertex. Ca Date Date tot HARRIS N D Project Manager: Dennis Williams 3 Preservative Cooler Temp(including CF): U 196-00575 Apache 25 Fed コント Tustin N-Yes Type Turn-Around Time: Via. Via: Project Name: □ Standard # of Coolers: Type and # Received by Container Project #: Sampler: Received by SAD On Ice: Level 4 (Full Validation) Mailing Address: 6488 Seven Rives HWY email or Fax#: amanda, devised yn. com Chain-of-Custody Record 0.5' 101 0.5' 0,5 .0. 2.0' 0,5' 0.0 1.01 1:01 0,5' 0.1 Sample Name 20-619T TP19 - 09 JP19-10 7719 - 08 40- 519T 10-5198 79- 219T TP19-03 7919-16 3619-01 10-619T Az Compliance 7919 - 1 575-748-0176 Artesia, NM 88210 Relinquished by: (9 a) Relinquished □ Other Matrix 7/8/17 10:00A Soil evon 7/8/15/10:00 A 19/19/11:00A 17/17 12:000 QA/QC Package: 700:01 51/6/ 102:01 51/6 06:21 61/6/C 7/4/17 1:300 400:6 51/01/L 4 00:11 61/el 7:304 Time 15/19 1:00 2 EDD (Type) A:01 PION 00 Accreditation: Time: Time: □ Standard D NELAC Phone #: Client: 7/13/17 41/12/12 1/5/19 Date Date: Date:

RONMENTAL ABORATORY tal.com le, NM 87109 -345-4107 uest	(tnəsdA\tnəsərd) mrotiloJ Isto		t uge 100 of 107
LL ENVIF ALYSIS L w.hallenvironment WE - Albuquerqu 975 Fax 505- Analysis Req	2CRA 8 Metals کا) ۲, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ 2500 (VOA) 2270 (Semi-VOA)		data will be clearly nota
4901 Hawkins N Tel. 505-345-3	STEXy MTBE / TMB's (8021) PH 8015D(GRO / DRO / MRO) S081 Pesticides/8082 PCB's EDB (Method 504.1)		emarks:
re Jay	MMS CX.CA RRIS PNO 1 NO 1 J - 4.3C 1 ALNO.	-014 -014 -015 -016 -016 -016 -019	Date Time R 7-13-14 7: $2x \mu m$ Date Time 3/15 / 0/0 This serves as notice of this p
und Time: Saw lard Brush ame: he 25 Fed -00575	Pennis Willi Pennis Willi Mussin Ha Aussin Ha Arses I Arses I		Via: Via: Via:
Turn-Arou	Project M Rampler: On Ice: # of Coole Cooler Te Cooler Te	# #	Received by Received by
ustody Record S Seven Rues MWY 210 3-0176	la . davis@dvn.com	TP19-06 1.0' TP19-06 1.0' TP19-07 1.0' TP19-11 2.0' TP19-14 2.0' TP19-13 3.5'	hed by: ped by: for Hall Epwironmental may be sut
1ain-of-Cu even ddress: 6488	Eax#: Gmana ackage: ard ation: DAz Co C Dothe (Type)	1:35 Solt 3:46 3:46 5:38 5:38	ime: Relinquist 7:30 Relinquist ime: Relinquist 1010 Lotor toto
Client: Client: C	email or QA/QC P _i C Stand Accredite Data	101/4 11/0 11/0 11/0 11/0 11/0 11/0 11/0	Date: T Date: T Date: T Date: T Date: T Date: T Date: T Date: T

Form C-141 Page 3 State of New Mexico Oil Conservation Division

Incident ID	NAB1914252088
District RP	2RP-5435
Facility ID	fAB1914250820
Application ID	pAB19250914

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 X 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 X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production, or storage site?	🗌 Yes 🗴 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil 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.

X Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.

- ▼ Field data
- X Data table of soil contaminant concentration data
- X Depth to water determination
- X Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- X Boring or excavation logs
- X Photographs including date and GIS information
- X Topographic/Aerial maps
- X 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 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.

	019 9:58:50 AM			Page 155 of 1
Form C-141	State of New Mexic	co [Incident ID	NA 01014252099
Page 4	Oil Conservation Divi	sion	District RP	2RP-5435
		ľ	Facility ID	fAB1914250820
			Application ID	pAB1914250914
failed to adequately invest addition, OCD acceptance	stigate and remediate contamination that pos e of a C-141 report does not relieve the open	e a threat to groundwater, surfac- rator of responsibility for complia	e water, human health ance with any other for	h or the environment. In ederal, state, or local laws
and/or regulations. Printed Name: <u>Amane</u> Signature: <u>Aman</u> email: <u>amanda.davis</u>	da Davis Eda Trujillo Davis @dvn.com	Title: Environmental Date: Telephone: _575-748-	Representative	

Received by OCD: 12/19/2019 9:58:50 AM

Form C-141 Page 5

State of New Mexico Oil Conservation Division

Incident ID	NAB1914252088
District RP	2RP-5435
Facility ID	fAB1914250820
Application ID	pAB1914250914

Remediation Plan

Remediation Plan Checklist: Each of the following items must b	e included in the plan.			
 x Detailed description of proposed remediation technique x Scaled sitemap with GPS coordinates showing delineation points x Estimated volume of material to be remediated x Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC x Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required) 				
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.				
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.				
Extents of contamination must be fully delineated.				
Contamination does not cause an imminent risk to human health, the environment, or groundwater.				
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: Amanda Davis	Title: _Environmental Representative			
Signature: Amanda Trujillo Davis	Date: 12/19/2019			
email:amanda.davis@dvn.com	Telephone: _575-748-0176			
OCD Only				
Received by:	Date:			
Approved Approved with Attached Conditions of	Approval Denied Deferral Approved			
Signature:	Date:			

Received by OCD: 12/19/2019 9:58:50 AM

Form C-141 Page 6

State of New Mexico Oil Conservation Division Page 157 of 157

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.

X A scaled site and sampling diagram as described in 19.15.29.11 NMAC

X 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)

X Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

X 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: Amanda Davis	Title: Environmental Representative			
Signature: Amanda Trujillo Davis	Date: 12/19/2019			
email: _amanda.davis@dvn.com	Telephone: <u>575-748-0176</u>			
OCD Only				
Received by:	Date:			
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 y	Date:			
Printed Name:	Title:			